## JCI The Journal of Clinical Investigation

Subject Index, v.1-17: Isaacs-Z

J Clin Invest. 1940;19(1):137-179. https://doi.org/10.1172/JCl101101.

## Find the latest version:



-hydroxystearic ethyl ester: Acidosis following the	Hypertension—continued:
feeding of (PALMER, WEST, and BENEDICT)	Guanidine excretion in (Howard and Rabino-
1925, 1, *578	witch) 1926, 2, 587
Hyperinsulinism: From carcinoma of the Islands of	Hyperventilation and (Proger and AYMAN)
Langerhans (WILDER, ALLAN, and ROBERTSON)	1933, 12, 335
1927 <b>, 4</b> , *436	In coarctation of aorta, nature (Steele and Cohn)
Hyperparathyroidism: See Parathyroid	1938, <b>17, *</b> 514
Hypertension: Alkalosis observed in (MUNTWYLER	In perfused cadavers (SMITH and KOUNTZ)
and WAY) 1931, 10, 489	1938, 17, *505
And guanidine (Howard and Rabinowitch)	In pregnancy, water retention and (STRAUSS)
1926, <b>2</b> , *613	1938, <b>17</b> , <b>*</b> 509
And increased basal metabolic rate (Boas and	Malignant (Murphy and Grill) 1930, 8, *666
Shapiro) 1926, <b>2</b> , *614	Nature (Prinzmetal and Friedman)
And pyelonephritis (BUTLER) 1937, 16, 889	1936, <b>15</b> , *467
Antidiuretic substance in blood and spinal fluid,	Obesity treatment in heart disease and (GORDON
problem of eclampsia and (LEVITT)	and NISSLER) 1928, 6, 14
1936, <b>15</b> , 135	Ophthalmoscopic pictures in (FISHBERG and OP-
Arterioles, histological studies on, in ambulatory	PENHEIMER) 1930, 9, *18
cases of (Kernohan, Anderson, and Keith)	Peripheral resistance, nature of, in (PRINZMETAL
1928, 6, *4	and Wilson) 1936, 15, 63
Blood flow in foot (STEAD and KUNKEL)	Plasma cholesterol saturation (HOLDEN)
1938, 17, *506	1937, 16, 763
— pressure changes after intravenous epinephrine	— lipids (PAGE, KIRK, and VAN SLYKE)
and histamine in normals and in (Gordon and	1936, 15, 109
LEVITT) 1935, 14, 367	Pre-renal phase (Wilson and Kimmelsteel) 1935, 14, *718
Capillary pressure, measurement of, in arterio-	Pressor substances (CAPPS, FERRIS, TAYLOR, and
sclerosis and in (ELLIS and WEISS) 1929, 8, 47	
Carotid sinus reflex in (GAMMON) 1936, 15, 153 Cerebrospinal fluid in (SHELBURNE, BLAIN, and	WEISS) 1934, 13, *722 Renal factor in coarctation of aorta (RYTAND)
O'HARE) 1932, 11, 489	1938, 17, 391
Circulatory dynamics in (Weiss and Ellis)	Serum viscosity in (Foley and Williamson)
1929, 7, *490	1931, 10, *180
Duroziez's sign in normals and in (Brown and	Spinal fluid in (O'HARE, SHELBURNE, and BLAIN)
ALEXANDER) 1935, 14, 285	1931, 10, *656
Effect on areas of histamine flares, arteriosclerosis,	Splanchnic resection for (SMITHWICK and PALMER)
and (ERNSTENE and SNYDER) 1933, 12, *980	193 <b>7, 16,</b> *682
- on kidney efficiency of lowering arterial blood	Splanchnicectomy, bilateral, effect on kidneys
pressure in nephritis and (PAGE) 1934, 13, 909	(FREYBERG and PEET) 1936, 15, *450
Essential (MURPHY and GRILL) 1932, 11, *862	1937, 16, 49
—, effect of renal denervation on level of arterial	Surgical treatment of, selection of cases for, with
blood pressure and kidney function (PAGE and	results in 24 cases (PALMER and SMITHWICK)
Heuer) 1935, 14, 27	1936, 15, *460
—, kidney blood flow and functional excretory	Thiocyanate therapy (MASSIE, ETHRIDGE, ROB-
mass in (GOLDRING, CHASIS, RANGES, and	INSON, and O'HARE) 1938, 17, *514
Sмітн) 1938, <b>17</b> , *505	Untreated, blood pressure curve in (SUTTON and
—, supradiaphragmatic, splanchnic resection in	Lang) 1932, 11, *867
(PALMER and SMITHWICK) 1938, 17, *514	Veins of suprarenal glands (ALLEN)
-, surgical treatment (PAGE and HEUER)	1929, 7, *309
1935, 14, 22	With arteriolar and glomerular changes in the al-
—, vessels of skin in (STEELE and KIRK) 1934, 13, 895	bino rat following subtotal nephrectomy (Wood
Experimental, guanidine bases produced by con-	and ETHRIDGE) 1933, 12, *993
striction of renal arteries (CHILD)	— — sclerosis and cardiac hypertrophy in chronic
1938, 17, 301	nephritis (Branch and Linder) 1926, 3, 299
—, in dogs (APFELBACH and JENSEN)	Hyperthermia: See Heat, hyperthermia
1931, 10, *162	Hyperthyroidism: See Thyroid
(Wood and Cash) 1936, 15, 543	Hypoparathyroidism: See Parathyroid
— renal, pressor effects of renal extracts of normal	Hypothalamus: And blood pressure regulation
dogs and of dogs with (HARRISON, BLALOCK,	(Leiter and Grinker) 1932, 11, *840
MASON and WILLIAMS) 1037 16 *658	Hypothyroidism: See Thursid

Ι

**Ileostomy:** And colostomy, calcium and phosphorus absorption and excretion in (Johnson) 1937, **16**, 223 Immunity: Agglutinins, coating of bacteria by (Shib-LEY and DOCHEZ) 1925, 1, \*588 Antibodies, heterophile, in infectious mononucleosis (PAUL and BUNNELL) 1931, **10**, \*658 -, -, - after injection of serum (BEER) 1936, **15**, 591 -, -, in pneumonia (FINLAND, RUEGSEGGER, and FELTON) 1935, 14, 683 -, -, responses in infectious mononucleosis (Bernstein) 1934, **13**, 419 Cancer, effect on nitrogen metabolism (SALTER and OSTER) 1936, 15, \*466 Diabetes (RICHARDSON) 193**5**, **14**, 389 -, antibacterial properties in blood (RICHARD-1933, 12, 1143 -, reactions in (REIMANN and MOEN) 1932, 11, \*833 Encephalitis virus, St. Louis, changes in neutralizing antibodies (GRUETTER, BROUN, CASEY, and MUETHER) 1938, 17, \*502 Gonococcal arthritis, bacteriolytic power of whole defibrinated blood (SPINK and KEEFER) 1937, **16**, 177 — infection, effect of mucin on bacteriolytic power of serum (KEEFER and SPINK) 1938, 17, 23 Immunological identification of a single serum globulin (KENDALL) 1937, **16**, 921 Influenza virus, human (STOKES, CHENOWETH, WALTZ, GLADEN, and SHAW) 1937, **16**, 237 -, -, immunization by means of (STOKES, CHENOWETH, WALTZ, GLADEN, and SHAW) 1937, 16, 237 Lipids, rôle in tissue reactions (HANGER) 1934, **13**, \*692 —, — of (Horsfall and Goodner) 1936, **15**, \*471 Pertussis, effect of immune blood on opsonocytophagic power of blood (BRADFORD, MIKELL, 1937, **16**, 829 and SLAVIN) — in newborn infants following maternal immunization during pregnancy (LICHTY, SLAVIN, and 1938, 17, 613 -, opsono-cytophagic reaction of blood (Brad-FORD and SLAVIN) 1937, **16**, 825 -, - test in children with, and children vaccinated with H. pertussis antigens (SINGER-1937, **16**, 749 Brooks and Miller) Pneumococcidal power of whole blood in lobar pneumonia (Sutliff and Rhoades) 1930, 9, 55 — — in normals (Sutliff and Rhoades) 1930, **9**, 43 Pneumococcus antibodies, absorption in normals after antipneumococcus serum injection (FIN-1938, 17, \*523 LAND and Brown)

Immunity—continued:

— —, acquired circulating, in course of lobar pneumonia (Robertson, Graeser, Coggeshall, and Harrison)
 1934, 13, 633

— following injection of vaccine in lobar pneumonia (Barach) 1930, 9, \*24

— in children (SUTLIFF and DAVIES)

—— in healthy contact carriers (FINLAND and TILGHMAN) 1936, 15, 501

— in pneumonia of children (TRASK, O'DONO-VAN, MOORE, and BEEBE) 1930, 8, 623

— —, injected circulating, in course of lobar pneumonia (ROBERTSON, GRAESER, COGGESHALL, and SIA) 1934, 13, 649

——, natural circulating, in course of lobar pneumonia (ROBERTSON, GRAESER, COGGESHALL, and HARRISON) 1934, 13, 621

——, response to infections with Types II and V (FINLAND and WINKLER) 1934, 13, 97

---, --- Types III and VIII (FINLAND and WINKLER) 1934, 13, 79

——, — to intracutaneous injections of pneumococcus carbohydrates (Finland and Dowling) 1934, 13, \*702

---, -- to newly classified types (WINKLER and FINLAND) 1934, 13, 109

— —, — to pneumococcic infections (FINLAND and WINKLER) 1933, 12, \*972

——, — to specific carbohydrate of Type VIII, influence of injection route (Ruegseger and Finland) 1935, 14, 833

—, natural (SUTLIFF, FINLAND, and JACKSON)
1931, 10, \*660

— pneumonia, humoral, in children, relation of recovery from pneumonia (O'Donovan and Trask) 1929, 7, \*522

-, serum therapy for Type V pneumonia (RUBIN and KRICK) 1936, 15, 685

—, — for Type XIV pneumonia (Bullowa) 1935, 14, 373

—, — —, pneumococcidal-promoting properties in serum of Type I pneumonia following (ROBERT-SON and SIA) 1928, 6, \*9

—, — treatment, nonspecific and specific, in lobar pneumonia (FINLAND, SUTLIFF, and NYE)

1932, 11, \*832

— Types III and VIII, with carbohydrates of (FINLAND and RUEGSEGGER) 1935, 14, 829

— Type VIII, with specific soluble substance (FINLAND and RUEGSEGGER) 1935, 14, \*700 Pneumonia, whole blood in (CECIL, RHOADES, and

SUTLIFF) 1928, 6, \*22 Scarlatinal antitoxic, infections with Streptococcus

Scarlatinal antitoxic, infections with Streptococcus scarlatinae in persons with (NICHOLLS)

1926, 3, 411

-, in patients treated with antitoxin (DAVIES)

1926, 3, 423

The second the second to	Tofactions managed agin Antibada assesses
Immunity—continued:	Infectious mononucleosis: Antibody response
Scarlet fever, intracutaneous injection of scar-	(Bernstein) 1934, 13, 41
latinal streptococcus toxin (KERN, CRUMP, and	Hemolytic antibodies of sheep and ox erythro
RODDY) 1937, 16, *671	cytes (BAILEY and RAFFEL) 1935, 14, 225
Serological reactions associated with experimental	Heterophile antibodies after injection of serum in
plethora and plethoric anemia (JULIANELLE and	
Pons) 1925, 1, 519	Influenza: Hemophilus, in certain diseases of children
Spectrophotometric absorption curves of blood	(Huntington) 1935, 14, 459
after, with lens solution (DUNN) 1930, 8, *673	Skin tests of pneumococcus and B. influenza
Streptococcal agglutinins in rheumatoid arthritis	antigens in pneumonia and (POOLE, BUMSTEAD
	and BLAKE) 1929, 7, *519
and rheumatic fever (KEEFER, MYERS, and	
OPPEL) 1933, 12, 267	See also Virus
—, antitoxin in scarlet fever (MITCHELL, STEVEN-	Infra-red: Radiation through skin (HARDY and
son, and Veldee) 1932, 11, *862	Muschenheim) 1936, 15,
—, erysipelas (Spink and Keefer)	Insulin: Absorption by conjunctival membranes in
1935, 14, *707	rabbits (CHRISTIE and HANZAL) 1931, 10, 78
— pneumonia, serum treatment of hemolytic	Action of dinitrophenol and action in accelerating
(Amoss and Craven) 1933, 12, 885	metabolism of ethyl alcohol (NEWMAN and
—, rheumatic fever (Coburn and Pauli)	Cutting) 1935, 14, 945
1935 <b>, 14</b> , 763	Blood serum electrolytes, effect on, in diabete
—, — — and control groups (Mote and Jones)	(SUNDERMAN, AUSTIN, and WILLIAMS)
1936, 15, *449	1932, 11, 126
	Content in normal and diabetic pancreas, zinc and
Tissue reactions in normal and immunized rabbits	
following injection of bacteria (NYE)	(Scott and Fisher) 1938, 17, 725
193 <b>4</b> , <b>13</b> , <b>*</b> 691	Crystalline, reactions after administration (CAMP
Tuberculosis, allergy and (FRIEDENWALD, ROTH-	BELL, GARDNER, and Scott) 1930, 9, *28
schild, and Bernstein) 1933, 12, *969	Effect on uric acid in blood (Rosenberg)
Vaccine virus, neutralization of (PARKER)	1938, 17, 233
1938, 17, *521	Exercise, effect on blood sugar in diabetes with
See also various organisms and viruses	and without (MARBLE and SMITH)
Indians: Mayan, blood groups in (Moss and Ken-	1935 <b>, 14, *</b> 700
NEDY) 1928, 6, *34	Gastric motility, effect on (HEINZ and PALMER)
Infants: Body build in disease (BAKWIN and BAK-	<b>1931, 10, *</b> 181
win) 1931, <b>10</b> , 395	Hunger and gastric activity (PALMER and HEINZ
	1031 10 *689
, proportions of external dimensions of	1931, 10, *682
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN	Hyperinsulinism (ALLAN) 1929, 7, *309
, proportions of external dimensions of	Hyperinsulinism (ALLAN) 1929, 7, *309 1932, 11, *854
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  1931, 10, 377	Hyperinsulinism (ALLAN) 1929, 7, *309 1932, 11, *854 — in pancreatic adenoma of islet cells (Liu
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  1931, 10, 377  ——, technique of measuring external dimen-	Hyperinsulinism (ALLAN) 1929, 7, *309 1932, 11, *854 — in pancreatic adenoma of islet cells (Liu
———, proportions of external dimensions of healthy infant during first year of life (Bakwin and Bakwin)  1931, 10, 377  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)	Hyperinsulinism (ALLAN) 1929, 7, *309 1932, 11, *854 — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen) 1936, 15, 249
———, proportions of external dimensions of healthy infant during first year of life (Bakwin and Bakwin)  1931, 10, 377  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  1931, 10, 369	Hyperinsulinism (Allan) 1929, 7, *309 1932, 11, *854 — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen) 1936, 15, 249 Hypoglycemia, effect on circulation (Ernstens
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY	Hyperinsulinism (ALLAN) 1929, 7, *309 1932, 11, *854 — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen) 1936, 15, 249 Hypoglycemia, effect on circulation (Ernstene and Altschule) 1931, 10, 521
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  1931, 10, 545	Hyperinsulinism (ALLAN)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY	Hyperinsulinism (ALLAN)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, 521  (Ernstene, Altschule, and Blumgart)  1931, 10, *669
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  1931, 10, 545  —, filtrable serum calcium in (ANDERSCH and	Hyperinsulinism (ALLAN)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  —, filtrable serum calcium in (ANDERSCH and OBERST)  1936, 15, 131	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  —, filtrable serum calcium in (ANDERSCH and OBERST)  —, immunity to pertussis following maternal im-	Hyperinsulinism (ALLAN)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  —, filtrable serum calcium in (ANDERSCH and OBERST)  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN,	Hyperinsulinism (ALLAN)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  —, filtrable serum calcium in (ANDERSCH and OBERST)  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN, and BRADFORD)  1938, 17, 613	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  —, filtrable serum calcium in (ANDERSCH and OBERST)  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN, and BRADFORD)  1938, 17, 613	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ——, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  —, filtrable serum calcium in (ANDERSCH and OBERST)  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN, and BRADFORD)  1938, 17, 613  Infections: Acute bacterial, non-specific serological	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  1931, 10, 545  —, filtrable serum calcium in (ANDERSCH and OBERST)  1936, 15, 131  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN, and BRADFORD)  1938, 17, 613  Infections: Acute bacterial, non-specific serological reactions (TILLETT, ABERNETHY, and FISHER)	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  1931, 10, 545  —, filtrable serum calcium in (ANDERSCH and OBERST)  1936, 15, 131  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN, and BRADFORD)  1938, 17, 613  Infections: Acute bacterial, non-specific serological reactions (TILLETT, ABERNETHY, and FISHER)  1932, 11, *810	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, 521  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  — —, influence on (Fitz and Blotner)  1927, 4, *445
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (MURPHY and THORPE)  1931, 10, 545  —, filtrable serum calcium in (ANDERSCH and OBERST)  1936, 15, 131  —, immunity to pertussis following maternal immunization during pregnancy (LICHTY, SLAVIN, and BRADFORD)  1938, 17, 613  Infections: Acute bacterial, non-specific serological reactions (TILLETT, ABERNETHY, and FISHER)  1932, 11, *810  —, relationship to glomerular nephritis (Long-	Hyperinsulinism (ALLAN)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, 521  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ——, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  1931, 10, 369  Newborn, breathing measurements in (Murphy and Thorpe)  —, filtrable serum calcium in (Andersch and Oberst)  —, immunity to pertussis following maternal immunization during pregnancy (Lichty, Slavin, and Bradford)  Infections: Acute bacterial, non-specific serological reactions (Tillett, Abernethy, and Fisher)  —, relationship to glomerular nephritis (Longcope, O'Brien, McGuire, Hansen, and	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, 521  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ————, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, 521  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ————, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, 521  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)  1936, 15, *450  —, carbohydrate tolerance after (Ricketts and
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ————, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, *509  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)  1936, 15, *450  —, carbohydrate tolerance after (Ricketts and Palmer)  1938, 17, *530
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ————, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, *529  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)  1936, 15, *450  —, carbohydrate tolerance after (Ricketts and Palmer)  1938, 17, *530  (Ricketts)  1938, 17, *795
———, proportions of external dimensions of healthy infant during first year of life (Bakwin and Bakwin)  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, *529  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)  1936, 15, *450  —, carbohydrate tolerance after (Ricketts and Palmer)  1938, 17, *530  — zinc, carbohydrate availability in foods after
———, proportions of external dimensions of healthy infant during first year of life (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———, technique of measuring external dimensions of body (BAKWIN and BAKWIN)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstene and Altschule)  1931, 10, *529  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 995  Pituitrin and adrenalin, effect on blood-sugar level (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)  1936, 15, *450  —, carbohydrate tolerance after (Ricketts and Palmer)  (Ricketts)  1938, 17, *530  — zinc, carbohydrate availability in foods after (Pollack and Dolger)
———, proportions of external dimensions of healthy infant during first year of life (Bakwin and Bakwin)  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  ———, technique of measuring external dimensions of body (Bakwin and Bakwin)  ———————————————————————————————————	Hyperinsulinism (Allan)  1929, 7, *309  1932, 11, *854  — in pancreatic adenoma of islet cells (Liu Loucks, Chou, and Chen)  1936, 15, 249  Hypoglycemia, effect on circulation (Ernstens and Altschule)  1931, 10, *529  (Ernstene, Altschule, and Blumgart)  1931, 10, *669  In non-diabetics, experiences with (Fitz and Vidgoff)  1937, 16, *682  Mode of action (Newburgh and Waller)  1932, 11, 993  Pituitrin and adrenalin, effect on blood-sugar lever (Blotner and Fitz)  1927, 5, 51  ———, influence on (Fitz and Blotner)  1927, 4, *445  Protamine, action in normal and depancreatized dogs (Kerr)  1936, 15, *450  —, carbohydrate tolerance after (Ricketts and Palmer)  (Ricketts)  1938, 17, *530  — zinc, carbohydrate availability in foods after

Insulin—continued:	Inulin: Clearances and vitamin C, simultaneous
Reaction of inactivated (EPSTEIN) 1925, 1, *586	(RALLI, FRIEDMAN, and RUBIN) 1938, 17, *504
Resistance, nature (SOSKIN, ALLWEISS, and MIR- SKY) 1936, 15, *467	Renal excretion of, comparison with exogenous and endogenous creatinine and inulin (MILLER
Response in diabetes mellitus and experimental	and Winkler) 1938, 17, 31
pituitary diabetes (Dohan and Lukens) 1938, 17, *530	Xylose, and urea excretion in normal and phlorizinized man (Shannon and Smith)
— of blood plasma cholesterol to epinephrine and	1935, 14, 393
(BRUGER and MOSENTHAL) 1934, 13, 399	Iodides: Absorption in gastro-intestinal tract of
— of diabetics to standard dose (KLATSKIN)	glycine and (HEATH and FULLERTON) 1935, <b>14</b> , 475
1938, 17, 745 Sensitivity, as index to diabetic management	Action on nitrogen metabolism (GRABFIELD,
(MACBRYDE) 1936, 15, 577	GRAY, and FLOWER) 1926, 2, *605
Serum calcium after glucose and (Ellsworth) 1930, 8, 139	(GRABFIELD, GRAY, FLOWER, and KNAPP) 1927, 4, 323
- electrolytes and non-electrolytes following, in	Iodine: Balance in nodular goiter (PUPPEL and
diabetics (SUNDERMAN) 1932, 11, *817	Curtis) 1938, 17, 729
Therapy, electrolyte balances following with- drawal and reestablishment in diabetic acidosis	Blood, in childhood (FASHENA) 1938, 17, 179
(Atchley, Loeb, Richards, Benedict, and	Calcium and phosphorus balance in hyperthyroid patients treated with (HANSMAN and FRASER)
Driscoll) 1933, 12, 297	1938, 17, 543
Tolerance, unusual, a diabetic with (MASON)	Effect by mouth on reaction of intravenous injec-
1930, 9, *31	tions of thyroxin (STURGIS, ZUBIRAN, WELLS,
Utilization in acidosis (FIELD and NEWBURGH)	and BADGER) 1925, 1, *584
1927, 4, *447  Intelligence quotient: From physician's viewpoint	1926, 2, 289 — in cases of so-called toxic adenoma (YOUMANS
(GRAY) 1930, 9, *26	and KAMPMEIER) 1927, 4, *429
Intestine: Absorption of dextrose, galactose, and	— on cholesterol metabolism (TURNER and SHIL-
xylose, influence of thyroid gland on (ALT-	LITO) 1935, 14, *722
HAUSEN) 1937, 16, *658	— on heat production in simple goiter (WEBSTER and WRIGHT) 1936, 15, *465
Anaphylaxis (Sullivan and Blake) 1931, 10, *676	In thyrotoxicosis, prognostic use of (HERTZ and
Factor in increase of blood urea nitrogen following	MEANS) 1937, 16, *678
massive hemorrhage from stomach (SCHIFF,	Influence on excretion of creatine in exophthalmic
GOODMAN, and BEAN) 1938, 17, *529	goiter (PALMER, CARSON, and SLOAN)
Fluids, electrolyte excretion in absence of colonic absorption in (WELCH and WAKEFIELD)	1929, 6, 597 Loss in urine following thyroidectomy (Curtis
1936, <b>15</b> , *472	and PHILIPS) 1934, 13, 777
Large, sympathetic inhibition of, in Hirschsprung's	Lugol's solution, effect on elevated basal metab-
disease (Scott and Morton) 1930, 9, *13	olism in conditions other than exophthalmic
1930, 9, 247	goiter (FRIEDGOOD) 1931, 10, *172
Musculature, function of (Cowie) 1928, 6, *28 Obstruction, changes in blood plasma and cells in,	Organic, compounds and creatinine clearances in relation to kidney function (LANDIS, ELSOM,
with special reference to distribution of phos-	Bott, and Shiels) 1936, 15, 397
phorus (Guest and Andrus) 1931, 10, *164	Partition in blood of normal and hyperthyroid
—, high, phosphorus distribution and intracellular	individuals (PERKIN and HURXTHAL)
changes (Guest and Andrus) 1932, 11, 455 —, —, relation between toxemia and chemical	1938, 17, *525 Reactions of simple goiter in rabbits (Webster
changes (Andrus, Guest, Gates, and Ashley)	and CHESNEY) 1929, 7, *517
1932, 11, 475	Relation between desiccated thyroid and thy-
—, toxemia of (McVicar and Weir)	roxine (THOMPSON and McLellan)
1928, 6, *24	1932, 11, *822 (Thompson, McLellan, Thompson, and
Small, factors controlling behavior of glucose in stomach and in (Abbott, Karr, and Miller)	DICKIE) 1933, 12, 235
1937, <b>16</b> , *665	Studies, avidity of thyroid glands for various
-, intubation of, in man, chemical characteristics	iodine compounds in vitro (RABINOWITCH)
in intestinal contents (KARR and ABBOTT)	1925, 1, 473 Thyroid, calorigenic activity at different levels of
1935, 14, 893  —, short circuited, deficiency syndromes second-	metabolism (Lerman and Salter)
ary to (Brown) 1938, 17, *529	1937, 16, *678

Yeather continued.	T
Iodine—continued:  Thyroxin, and total organic iodine in calorigenic	J
action of thyroid gland (MEANS, LERMAN, and	Jaundice: Analgesic effect on rheumatic state (HENCH) 1934, 13, *709
SALTER) 1933, <b>12</b> , 683	(HENCH) 1934, 13, *709 Distribution in circulatory failure (MEAKINS)
Urinary excretion (Curtis and Phillips)	1926, <b>2</b> , *601
1933, <b>12</b> , *963	1927, 4, 135
See also Thyroid  Iron: Action in "secondary" anemia (ISAACS,	Following pulmonary infarcts in myocardial in-
Sturgis, and Lodesen-Grevinck)	sufficiency; clinical study (KEEFER and RESNIK)
1931 <b>, 10</b> , *686	1926, 2, 375 —————, experimental study (RESNIK
And copper content of blood serum in disease	and Keefer) 1926, 2, 389
(LOCKE, MAIN, and ROSBASH) 1932, 11, 527	Icteric index in lobar pneumonia (Shibley and
Available, relation to acid and alkaline diets (RIECKER) 1931, 10, *657	WADDELL) 1935, <b>14</b> , *721
Deficiency, anemia of (HEATH and PATEK)	——, significance of bilirubinemia as shown by (Велинеім and Foster) 1925, 1, *579
1936, <b>15</b> , <b>*</b> 463	Icterus neonatorum: oxygen capacity and satura-
— in hypochromic anemia (HEATH, STRAUSS, and	tion of mother and fetus (GOLDBLOOM and
CASTLE) 1932, 11, 1293	GOTTLIEB) 1930, <b>9</b> , 139
—, maternal, in pregnancy, anemia of infancy from (STRAUSS) 1933, 12, 345	——, production of icterus in animals following
—, treatment of polycythemia vera by (DAME-	prolonged anoxemia (GOLDBLOOM and GOTT- LIEB) 1930, 8, 375
SHEK and HENSTELL) 1937, 16, *683	——, rôle of placenta (GOTTLIEB and KEARNS)
Effect on blood formation as influenced by chang-	1931, <b>10</b> , 319
ing gastric acidity (METTIER and MINOT) 1929, 7, *510	Infectious, diagnosed by use of guinea pigs
Excretion studied by colon grafts on abdominal	(Syverton, Berry, and Stiles)
wall (MADDOCK and HEATH) 1938, 17, *533	1938, 17, *522 Obstructive (Greene, Aldrich, and Snell)
Ferrous gluconate in treatment of hypochromic	1926, <b>2</b> , *602
anemia (REZNIKOFF and GOEBEL)	-, osmotic activity of serum proteins in (BUTT
1936, <b>15</b> , *471 1937, <b>16</b> , 547	and SNELL) 1938, 17, *532
Liver ash, and liver extract in treatment of anemia	Phosphatase in blood serum (GREENE, SHATTUCK, and KAPLOWITZ) 1934, 13, 1079
(KEEFER, HUANG, and YANG) 1930, 9, 533	Reticulocytosis in non-hemolytic (SCHIFF and
Medicinal, influence as compared with food	RICH) 1935, 14, *720
iron upon iron reserve (WILLIAMSON)	Urine in normals and, bile salts in (BROUN and
1928, 6, *29 Metabolism studies (REZNIKOFF)	Briggs) 1930, 8, *673
1932, 11, *807	Jerusalem artichokes: And liver in treatment of diabetes (Soskin, Binswanger, and Strouse)
Non-hemoglobin, variability of (KLUMPP)	1931, 10, *169
1935, 14, 351	Joints: Aqueous solutions, removal from (BENNETT,
Nonprotein, of blood (McIntosh)	RHINELANDER, and BAUER) 1936, 15, *451
1933, 12, *967 Plasma, and "easily split-off," normal values for	Entrance of proteins into (BENNETT and SHAFFER)
(Moore) 1937, 16, 613	1938, 17, *535 Manner of removal of protein from normal
Predigested beef, and liver extract, evaluation on	(SHORT, BENNETT, and BAUER) 1932, 11, *831
formation of hemoglobin after gastrectomy	
(METTIER, KELLOGG, and PURVIANCE)	K
1937, 16, 107 Retention in hypochromic anemia (Fowler,	Kidney: Activity, effect of oral administration of
BARER, and SMITH) 1935, 14, *721	phlorizin (GOLDRING) 1934, 13, 749
Serum (RIECKER, WINTERS, and FIELD)	Alcohol, effects on (BRUGER, GUTHRIE, and Lo- CALIO) 1938, 17, *516
1929, 7, *497	Blood flow and functional excretory mass in essen-
—, in anemia (McIntosh) 1934, 13, *713	tial hypertension (GOLDRING, CHASIS, RANGES,
Storage of inorganic food, in liver, spleen, and bone marrow (Williamson) 1925, 1, *591	and SMITH) 1938, 17, *505
bone marrow (WILLIAMSON) 1925, 1, *591 Transportation in anemic states (MOORE and	—— and glomerular filtration in normals (CHA-

SIS, RANGES, GOLDRING, and SMITH)

(Schroeder and Cohn)

-- in partial constriction of renal artery

1938, 17, 683

1938, 17, \*515

Transportation in anemic states (Moore and

Utilization in anemia of various types (Moore, Doan, and Arrowsmith) 1937, 16, 627

1936, 15, \*455

Kidney—continued:	Kidney—continued:
- through, direct measurement in unanesthe-	- as measured by urea clearance, effect of diure-
tized dogs (Blalock, Harrison, and Mason)	tics (PAGE) 1933, 12, 737
1936, <b>15</b> , *462	-, blood phosphorus distribution after suppres-
- urea concentration and amount of functioning	sion (Ashley and Guest) 1934, 13, 219
renal tissue (MACKAY and MACKAY)	—, comparison of creatinine and urea clearance
192 <b>7, 4,</b> 127	tests (HAYMAN, HALSTED, and SEYLER)
Casts, renal, histogenesis of (JACKSON)	1933, <b>12</b> , 861
1927 <b>, 4, *4</b> 38	—, — of urea clearance with other measures of
Denervation, effect on level of arterial blood pres-	(Van Slyke, McIntosh, Möller, Hannon,
sure and kidney function in essential hyper-	and Johnston) 1930, 8, 357
tension (PAGE and HEUER) 1935, 14, 27	- during dissipation of cardiac edema (HERR-
— in nephritis (PAGE and HEUER) 1935, 14, 443	MANN, SCHWAB, and BONDURANT)
Disease, creatinine, sucrose, and urea clearances	1932, 11, *837
in (WINKLER and PARRA) 1937, 16, 869	—, effect of alpha-dinitrophenol on metabolism,
—, hyperparathyroidism in (HIGHMAN and HAM-	blood chemistry, and (BRUGER, BAILEY, and
ILTON) 1937, 16, 103	THOSTESON) 1935, 14, *718
Edema (Peters, Wakeman, Eisenman, and Lee)	-, - of nasopharyngeal operations (PAGE and
1929, 6, 577	ALVING) 1932, 11, 1037
—, blood serum electrolytes in (ATCHLEY and	—, — of toxemias of pregnancy (ELDEN, SIN-
BENEDICT) 1930, 9, 265	CLAIR, and ROGERS) 1936, 15, 317
, volume in (WATERFIELD) 1931, 9, 589	—, essential hypertension, effect of renal dener-
Effect of bilateral splanchnic ectomy in hyperten-	vation on level of arterial blood pressure (PAGE
sion (FREYBERG and PEET) 1937, 16, 49	and HEUER) 1935, 14, 27
— of enclosing in a rigid cast (Soskin and Saphir)	—, glomerular filtration and tubular reabsorption
1932, 11, *851	effected by salyrgan and euphyllin (SCHMITZ) 1932, 11, 1075
— of high protein diets on remaining kidney of rats (JACKSON and MOORE) 1928, 5, 415	—, hemoglobin and circulatory system, changes in,
Efficiency, effect of lowering arterial blood pres-	in different types of nephritis (VAN SLYKE,
sure in essential hypertension and nephritis	McIntosh, Möller, and Stillman)
(PAGE) 1934, 13, 909	1928, 6, *27
Excretion at low urine volumes (CHESLEY)	-, impaired, blood diazo reaction in cases
1938, 17, 591	with (Broun, Riggs, and Garcia)
— in normal and diseased (LASHMET and New-	1925, 1, *577
BURGH) 1932, 11, *836	- in adrenal insufficiency (HARRISON and DAR-
— of creatinine (SHANNON) 1935, 14, 403	ROW) 1938, 17, *505
— of endogenous creatinine: comparison with ex-	- in cardiac disease without cardiac failure
ogenous creatinine and inulin (MILLER and	(STEWART and McIntosh) 1928, 6, 325
Winkler) 1938, 17, 31	— in hyperthyroidism (BARTELS and ALLAN)
— of xylose (Dominguez and Pomerene)	1938, 17, *515
1934, 13, 753	— in normal and nephritic children, urea clear-
Extracts and pressor drugs, effects on blood pres-	ance in (Cullen, Nelson, and Holmes)
sure and skin temperature (LANDIS, MONTGOM-	1935, 14, 563
ERY, and SPARKMAN) 1938, 17, 189	— in pneumonia (McIntosh and Reimann)
— of normal dogs and of dogs with experimental	1926, <b>3</b> , 123
renal hypertension, pressor effects of (HARRI-	-, newer methods of testing (HAYMAN)
son, Blalock, Mason, and Williams)	1932, 11, *852
1937, 16, *658	<ul> <li>—, plasma clearances of creatinine and organic iodine compounds in relation to (LANDIS, EL-</li> </ul>
Factor in hypertension in coarctation of aorta	som, Bott, and Shiels) 1936, 15, 397
(RYTAND) 1938, 17, 391	-, rate of excretion of urine with different
Filtration rate, functional excretory mass, and	amounts of renal tissue (RYTAND)
effective blood flow in normals (SMITH, GOLD-	1933, 12, 1153
RING, and CHASIS) 1938, 17, 263	-, relationship of specific gravity of urine and
Function and blood pressure (LASSEN and Hus-	(Lashmet and Newburgh) 1930, 9, *25
FELDT) 1934, 13, 263	-, sodium benzoate test of, and effect of liver
— — uric acid content in nephritis (JOHNSTON)	injury on hippuric acid synthesis (BRYAN)
1931, <b>9</b> , 555	1925, 2, 1
— and number of glomeruli at autopsy (HAYMAN	-, xylose excretion as index of (FISHBERG and
and JOHNSTON) 1933, 12, 877	Friedfeld) 1932, 11, 501

Kidney—continued:

Kidney—continued:

Glomerular filtration and renal blood flow in normals (CHASIS, RANGES, GOLDRING, and SMITH)	Splanchnicectomy, bilateral, effect in hypertension (Freyberg and Peet) 1936, 15, *450
1938, 17, 683	Sulphate clearance (MACY and KEITH)
, measurement of; creatinine, sucrose, and	1933, 12, *964
urea clearances in normals (WINKLER and	Threshold for hemoglobin (OTTENBERG and Fox)
PARRA) 1937, 16, 859	1938, 17, *515
——, ——; ————— in renal disease (WINK-	- for phosphorus action of parathyroid extract
LER and PARRA) 1937, 16, 869	(Ellsworth) 1932, 11, 1011
Glomeruli, number of, at autopsy, and creatinine	— of ascorbic acid (FAULKNER and TAYLOR)
and urea clearance tests (HAYMAN and JOHN-	1938, 17, 69
ston) 1933, <b>12</b> , 877	-, relation of hypercalcemia in older diabetics
Hypertrophy after unilateral nephrectomy in rats,	(Epstein) 1928, <b>6</b> , *10
effect of high protein diet and injections of Ringer's solution (STIER and HAYMAN)	Urea clearance in rheumatic infection (GOLDRING) 1931, 10, 345
1936, <b>15</b> , *457	Urine sediment count and urea clearance test in
Injury and high nitrogen diets (Boas)	lobar pneumonia (GOLDRING) 1931, 10, 355
1931, <b>10</b> , 153	——— in acute rheumatic infection (GOLDRING
Insufficiency and acidosis, inorganic sulphates in	and Wyckoff) 1930, 8, 569
relation to acid-base equilibrium (WAKEFIELD	Urinary reaction in disorders of stomach and
and Keith) 1930, 9, *10	(Hubbard) 1930, 9, 37
—, chloride restriction and urea clearance in (LAN-	Water and solids, excretion by abnormal (LASH-
DIS, ELSOM, BOTT, and SHIELS) 1935, 14, 525	MET and NEWBURGH) 1932, 11, 1003
- from blood transfusion, relation to urinary re-	L
action (DeGowin, Randall, Warner, and	
HALL) 1936, <b>15</b> , *465	Lactate: Sodium, comparative sensitivity to oxygen-
— in dogs, experimental, with special reference to	want, of hearts of normal and thyroxinized
arterial hypertension (APFELBACH and JENSEN)	animals (Andrus, McEachern, Perlzweig,
1931, 10, *162	and HERMAN) 1930, 9, *16
—, intravenous injection of sodium r-lactate	d-lactate: Sodium, utilization of injected, relation-
(HARTMANN and SENN) 1932, 11, 345	ship of liver to (SOFFER, DANTES, and SOBOTKA)
—, serum sulfate concentrations in (WAKEFIELD,	1938, 17, *531
Power, and Keith) 1938, 17, *516	r-lactate: Sodium, metabolism of; intravenous injec-
—, untoward effects of intravenous sodium chloride solution (WAKEFIELD and KEITH)	tion in humans with liver damage, renal insuffi- ciency, and disturbed water and mineral balance
1931, <b>10</b> , *161	(HARTMANN and SENN) 1932, 11, 345
—, urea clearance and serum inorganic sulphates	——;—— in normals (HARTMANN and SENN)
(WAKEFIELD, POWER, and KEITH) 1932, 11, *869	1932, 11, 327
Lesions in dogs with experimental hypoprotein-	———;—— in subjects with acidosis (HART-
emia (LEITER) 1931, 10, *162	MANN and SENN) 1932, 11, 337
Nephrectomy, hypertension with arteriolar and	Lactic acid: Formation of glycogen in mammalian
glomerular changes in albino rat following sub-	muscle from glucose and (MEAKINS and LONG)
total (Wood and Ethridge) 1933, 12, *993	1931, 10, *662
—, unilateral, effect of various factors on degree	Human stools (PITTMAN and OLMSTED)
of compensatory hypertrophy after (MACKAY,	1931, <b>10</b> , *182
MACKAY, and ADDIS) 1925, 1, *576	Of blood and urine, effect of breathing oxygen-
Nephritic, obtained at autopsy, patency of blood	enriched air during exercise upon pulmonary
vessels (HAYMAN) 1929, 7, *488	ventilation and upon the (HEWLETT, BARNETT,
Nonbronathy homoglabia (Dr.Covyy and War	and Lewis) 1926, 3, 317
Nephropathy, hemoglobin (DeGowin and War- NER) 1937, 16, *662	Of cerebrospinal fluid in suppurative meningitis
Nephrotoxic action of ingested cystine (Curtis	(WRIGHT, HERR, and PAUL) 1930, 9, 443 Oxygen consumption and oxygen debt in circu-
and Newburgh) 1926, 2, *611	latory failure (Meakins and Long)
Parathyroid extract, response to (Ellsworth and	1927, 4, 273
Howard) 1934, 13, *705	Laparotomy: Effect on lung volume (BEECHER)
Pneumonia, physiology in (FARR and ABERNETHY)	1933, 12, 651
1936, <b>15</b> , *458	Measured effect of respiration (BEECHER)
1937, 16, 421	1933, 12, 639
Polycystic, congenital, arterial supply (BAEHR	Lead: And calcium in bones, action of parathyroid
and RITTER) 1928. 6. *19	upon (Hunter and Aur) 1926 2 *605

Lead—continued:	Light: Infra-red and visible radiation; comparison of
Encephalitis (Kehoe and Mills) 1931, 10, *165	sensation produced (OPPEL and HARDY)
In urine in peripheral vascular disease (HORTON,	1937, 16, 517
Powelson, and Osterberg) 1930, 8, *673	Photometric studies of visual adaptation in rela-
Poisoning, acute, experimentally produced (Hor-	tion to vitamin A deficiency (YOUMANS,
ton, Bargen, and Osterberg) 1934, 13, *709	CORLETTE, FRANK, and CORLETTE)
—, urinary porphyrin in (WATSON) 1936, 15, 327	1937, <b>16</b> , *665
Leg: Effect of alternate suction and pressure on	Relation to lesions of pellagra (RUFFIN and
blood flow (LANDIS and GIBBON)	SMITH) 1935, 14, *698
1933, <b>12</b> , 925 1933, <b>12</b> , *983	Ultraviolet deficiency, thyroid hyperplasia pro-
Sympathetic vasoconstrictor activity in (MORTON	duced in chickens by (TURNER and BENEDICT) 1932, 11, 761
and Scott) 1930, 9, *21	(TURNER, BENEDICT, and LOEB) 1932, 11, *818
Vasodilatation in response to immersing the fore-	—, influence on uric acid excretion (PETERMAN)
arms in warm water (GIBBON and LANDIS)	1932, 11, *853
1932, 11, 1019	Urticarial response (Blum, Allington, and West)
Lens solution: Spectrophotometric absorption curves	1935, 14, 435
of rabbit blood after immunization with (DUNN)	— to violet and blue (BLUM and WEST)
1930, <b>8</b> , *673	1937, <b>16</b> , 261
Leptospira icterohemorrhagiae: Detected by use of	Lipemic curve: Test for liver function after intra-
guinea pigs (Syverton, Berry, and Stiles)	venous fat (NACHLAS, DUFF, TIDWELL, and
1938, <b>17</b> , *522	HOLT) 1936, <b>15</b> , 143
Leukemia: Aleukemic myelosis with osteosclerosis	Lipid(s): Combined with protein in blood and body
(Bredeck and Stephens) 1932, 11, *852	fluids: plasma and serum (TURNER and GIBSON)
Atypical, chronic lymphatic (HERRMANN)	1932, 11, 735
1932, 11, *851	Content of tumors (YASUDA and BLOOR)
Heterophile antibody test (BERNSTEIN)	1932, 11, 677
1934, 13, 677	Crude, effect on antigenic function (HANGER)
Hypermetabolism due to cost of work in patients	1935, 14, *706 In immune reactions, rôle of (Horsfall and
with hyperthyroidism and (BRIARD, McCLIN- TOCK, and BALDRIDGE) 1934, 13, *699	GOODNER) 1936, 15, *471
Immature cells in, nature of (ISAACS and DALAND)	In umbilical circulation at birth, exchange of
1927, <b>4</b> , *439	(Boyd and Wilson) 1935, 14, 7
Metabolism of leukocytes from normal blood and	Influence in tissue immune reactions (HANGER)
(SOFFER and WINTROBE) 1932, 11, 661	1934, 13, *692
Myelogenous, Fowler's solution in treatment	See also Fat
(FORKNER, SCOTT, and MINOT) 1931, 10, *656	Liver: Ash, liver extract, and iron in treatment of
Oxygen consumption and nitrogen metabolism in	anemia (KEEFER, HUANG, and YANG)
pernicious anemia and (BALDRIDGE and BARER)	1930, <b>9</b> , 533
1931, <b>10</b> , <b>*</b> 165	Atrophy, osmotic activity of serum proteins in
Questionable relationship of staphylococcus infec-	(Butt and Snell) 1938, 17, *532
tion (MILLER) 1937, 16, *680	Beef, action on hemoglobin regeneration of iron
Red blood cell diameter in (MEDEARIS and MINOT)	salts and (RIECKER) 1927, 5, 141
1927, <b>3</b> , 541	Cancer of, with hypoglycemia (BEAN and ELLS- worth) 1936, 15, *467
Leukocytes: See Blood cells, white	WORTH) 1936, 15, *467 Cirrhosis, cincophen, isolation of coproporphyrin I
Leukocytosis: Experimental (REZNIKOFF) 1928, 6, *16	from urine in (WATSON) 1935, 14, 106
Following intramuscular liver extract (Powers	—, identification of single serum globulin by im-
and Murphy) 1933, 12, 713	munological means in (KENDALL)
(Murphy, Powers, and Humphreys)	1937, 16, 921
1933, 12, *985	-, portal, effects of treatment in 112 cases with
(Powers) 1935, 14, 649	ascites (CHAPMAN, ROWNTREE, and SNELL)
In artificial fever (COHEN and WARREN)	1931, <b>10</b> , *172
1935, <b>14</b> , 423	Damage, effect on hippuric acid synthesis (BRYAN)
Induced by intramuscular liver extract (POWERS)	1925, 2, 1
1935, 14, *719	—, experimental, anemia in rats with (HEINLE
Leukopenia: Experimental (REZNIKOFF)	and CASTLE) 1938, 17, *518
1928, 6, *16	<ul> <li>—, experimentally produced, effect on blood fat curve following epinephrine (Jones and Fish)</li> </ul>
Levulose: Tolerance in normals (JOLLIFFE)	1932. 11. *826

1930, 8, 419

Liver—continued:	Liver—continued:
—, — —, morphologic blood changes associated	- in experimentally induced anemia, reticulocyte
with (WINTROBE and SHUMACKER)	response (HALL, HIGGINS, and WATKINS)
1936, 15, *455	1937, 16, *679
— incident to diets low in protein (BARKER)	— in pernicious anemia (WEST) 1927, 4, *451
1932, 11, *846 —, intravenous injection of sodium <i>r</i> -lactate	(West and Nichols) 1928, 6, *3 (West and Howe) 1929, 7, *495
(HARTMANN and SENN) 1932, 11, 345	1930, <b>9</b> , *1
Diabetic therapy with Jerusalem artichokes and	-, intramuscular, leukocytosis following (Pow-
(Soskin, Binswanger, and Strouse)	ERS) 1935, <b>14</b> , *719
1931, <b>10</b> , <b>*</b> 169	—, intravenously, effect in pernicious anemia
Diacetone alcohol, effect on liver of rats (KEITH)	(ISAACS, GOLDHAMER, and STURGIS)
1932, 11, *869 Disease, blood fat curves after adrenalin (Jones	1932, 11, *860  —, leukocytosis following intramuscular injection
and Wood) 1931, 10, *682	(Powers and Murphy) 1933, 12, 713
—, — lactic acid in (SNELL and ROTH)	(Murphy, Powers, and Humphreys)
1932, 11, *818	1933, 12, *985
1932, 11, 957	(Powers) 1935, 14, 649
—, — serum phosphatase in (FLOOD, GUTMAN, and	—, negative response to experimental anemia in
Gutman) 1936, 15, *466	rabbits (Creskoff and Fitz-Hugh)
—, epinephrine hyperglycemia, arteriovenous dif- ference (Cantarow and Ricchiuti)	1938, 17, *517 — of codfish in treatment of pernicious anemia
1934, 13, 461	(CONNER) 1932, 11, *858
—, — responses (LOEB, REEVES, and GLASIER)	— of desiccated stomach, quantitative relation-
1931, 10, 19	ships between dosage and response in pernicious
—, hemoglobin and oxygen combination in blood	anemia treated with (STURGIS and ISAACS)
(KEYS and SNELL) 1937, 16, *684	1931, <b>10</b> , *169
—, macrocytic anemia and hypoproteinemia (Bethell, Kyer, and Rottschafer)	—, parenteral, in treatment of anemia (Fours and Zerfas) 1932, 11, *868
1938, 17, *520	—, prevention of pellagra by (CHINN and SPIES)
—, oxygen dissociation curve in (KEYS and SNELL)	1935, 14, *699
1938, <b>17</b> , 59	—, purified, intravenously in pernicious anemia
—, plasma fatty acids after adrenalin injection	(ISAACS, STURGIS, GOLDHAMER, and BETHELL)
(JONES and FISH) 1935, 14, 143  —, quantitative Pettenkofer values in blood with	1932, 11, *808
special reference to (Rowntree, Greene, and	—, treatment of anemia of myxedema with (STUR- GIS and ISAACS) 1930, 8, *663
Aldrich) 1927, 4, 545	—, — of pellagra with (SMITH and RUFFIN)
Effect of circulatory action of digitalis and stro-	1933, 12, *963
phanthus, compared with histamine and epi-	Feeding, decrease in mean diameter of reticulo-
nephrine (TAINTER and DOCK) 1930, 8, 485	cytes and adult red blood cells in pernicious
— on appetite of liver extract and (Curtis and Newburgh) 1929, 7, *518	anemia following (FITZHUGH and PERSONS)
Extract, antianemic, multiple nature of (FISKE,	1929, 7, 631
Subbarow, and Jacobson) 1935, 14, *709	—, effect on blood sugar (MURPHY and BLOTNER)
—, —, nature of (DAKIN and WEST) 1935, 14 *708	1927, 4, *440 —, — on various types of anemia (STURGIS,
—, biologic assay of antianemic potency (JACOB-	Isaacs, and Smith) 1928, 6, *21
son) 1935, 14, 665	—, urobilinogen excretion in pernicious anemia
<ul> <li>—, effect in pernicious anemia, primary and additional accessory factors (Subbarow, Jacobson,</li> </ul>	before and after (GRAHAM, FARQUHARSON, BOR-
and HARTFALL) 1938, 17, *517	sook, and Goulding) 1929, 7, *510
-, - on body weight, red blood cells, and	Fetal, response of secondary anemia to (WATKINS
reticulocytes of normal rats, liver extract and	and Giffin) 1931, 10, *170
(VAUGHAN and MULLER) 1932, 11, 129	Focal necrosis of (DIECKMANN) 1931, 10, *161 Function, alterations in, as index of toxemia in
<ul> <li>effective in pernicious anemia, therapeutic activity of its multiple factors (JACOBSON and</li> </ul>	pneumonia (HARRIS) 1926, 2, *602
Subbarow) 1937, 16, 573	1927, 4, 211
-, evaluation of predigested beef, iron and, on	-, blood bilirubin curves as test of (HARROP and
formation of hemoglobin after gastrectomy	Barron) 1930, 9, *4
(METTIER, KELLOGG, and PURVIANCE) 1937, 16, 107	— in congestive heart failure (Jolliffe)

1937, 16, 107

Liver—continued:	Tomas continue to
—, intravenous bilirubin as test of (HARROP and	Lung—continued:
Barron) 1931, 9, 577	— in obstructive pulmonary emphysema (Hur-
— tested by lipemic curve after intravenous fat	TADO, KALTREIDER, FRAY, BROOKS, and Mc-
(Nachlas, Duff, Tidwell, and Holt)	CANN) 1934, 13, 1027
1936, 15, 143	— in pulmonary emphysema and pneumoconiosis
	(Hurtado, Fray, and McCann)
— tests in liver and gallbladder disease (TEITEL-	1933, 12, 833
BAUM, CURTIS, and GOLDHAMER) 1938, <b>17</b> , *531	——— fibrosis (Hurtado, Kaltreider, Fray,
	Brooks, and McCann) 1935, 14, 81
Glycogen, relation of anterior pituitary (CHURCH- ILL) 1936. 15. *454	-; normal, absolute, and relative values (Hur-
,	TADO and BOLLER) 1933, 12, 793
Glycogenesis in experimental diphtheritic intoxication (YANNET and DARROW) 1933, 12, 779	-; - values in women (HURTADO, FRAY, KALT-
Hematopoietic elements of gastric secretion and,	REIDER, and BROOKS) 1934, 13, 169
	-; relationship to oxygen saturation and carbon
experimental production of loss of, in swine with	dioxide content of arterial blood (HURTADO,
achlorhydria and anemia (MILLER and RHOADS)	KALTREIDER, and McCANN) 1935, 14, 94
1935, 14, 153	Cardiodynamic effects on pulmonary circuit and
- principle in diseased (Schiff, Rich, and	right heart (KATZ and SIEGEL) 1929, 7, *304
SIMON) 1937, 16, *666	Circulation, blood flow in (BLUMGART and WEISS)
Hepatitis, chronic infectious, carbohydrate metab-	1927, 4, *432
olism in (CONN and NEWBURGH) 1938, 17, *508 Hyperthermia effect on distribution of water and	—, capillary, interference with, by fat and effect
electrolytes in (YANNET and DARROW)	of intravenous alcohol dextrose (HERRMANN and
1938, 17, 87	HERRMANN) 1933, 12, *982
Iron storage in (WILLIAMSON) 1925, 1, *591	— in pneumonic, by means of temperature meas-
Necrosis, experimental toxic (NYE) 1928, 6, *27	ured during diathermy (BINGER, CHRISTIE, and EHRICH) 1928. 6. *12
Palpability of, significance (Osgood and Habbe)	EHRICH) 1928, 6, *12 —, practical method for visualization (Robb and
1932, 11, *866	Steinberg) 1938, 17, *507
Pernicious anemia, hematopoietic activity of, as-	— rate in relation to other aspects of circulation
say on guinea pigs (JACOBSON) 1935, 14, 679	in patients with emphysema (Weiss and Blum-
Relationship to utilization of sodium d-lactate	GART) 1927, 4, 555
(Soffer, Dantes, and Sobotka)	—— through, effect of digitalis (WEISS and
1938, 17, *531	Blumgart) 1929, 7, 11
Secretion, effect of acetyl-β-methylcholine (FLEX-	— time in normal resting individuals (Blumgart
NER and WRIGHT) 1938, 17, *529	and WEISS) 1927, 4, 399
Stercobilin tolerance of (WATSON) 1938, 17, *532	—, minute volume blood flow, through lungs,
Lung: Abscess, chronic, experimental (HERRMANN	and quantity of blood in (BLUMGART and
and CUTLER) 1929, 7, *501	WEISS) 1928, <b>6</b> , 103
-, experimental (SCHLUETER, WEIDLEIN, and	Collapse, studies on experimental, in rabbit
CUTLER) 1926, 2, *613	(BLOCH and McLEAN) 1930, 9, *13
Bronchi, method for demonstration of calibre	Disease, chronic, applicability of rebreathing
changes in, in normal respiration (HEINBECKER)	method for determining mixed venous CO <sub>2</sub>
1927, 4, 459	(RICHARDS, COURNAND, and BRYAN)
Bronchiectasis, relation to non-tuberculous pul-	1935, <b>14</b> , 173
monary lesions and (McPHEDRAN)	— —, oxygen treatment (BARACH and RICHARDS)
1929 <b>, 7, *</b> 512	1931, <b>10</b> , *679
Bronchiolitis, obliterative, occurring with ad-	Edema, circulation in lobar pneumonia with spe-
vanced kidney disease (STILLMAN, EHRICH, and	cial reference to (HITZIG, KING, BULLOWA, and
McIntosh) 1928, 6, *5	FISHBERG) 1936, 15, *452
Bronchospasm, circulation of guinea pigs during	—, positive pressure oxygen inhalation, effect on
(SMITH, HARTER, and ALEXANDER)	(BARACH and MARTIN) 1936, 15, *466
1928, 6, *30	-, - respiration in treatment (BARACH, MAR-
Capacity, changes with body posture (HURTADO	TIN, and ECKMAN) 1937, 16, *664
and FRAY) 1933, 12, 825	Elastic tension increase, in experimental pneu-
—, correlation with physical and radiological	monia (VAN ALLEN and Wu) 1932, 11, 589 Emphysema and fibrosis, distribution of respira-
measurements (Hurtado and Fray) 1933, 12, 807	tory gases in closed breathing circuit (Cour-
—, during bronchial asthma and following epi-	NAND, LASSEN, and RICHARDS) 1937, 16, 9
nephrine (Hurtado and Kaltreider)	——, respiratory response during exercise in
1934, 13, 1053	(Kaltreider and McCann) 1937, 16, 23
2,02, 20, 1000	\

*	<b>*</b>
Lung—continued:	Lung—continued:
-, intrapleural pressure and circulation rate in	Polycythemia vera, gas diffusion in (HARROP and
(KOUNTZ, PEARSON, and KOENIG)	Неатн) 1927, 4, 53
1932, 11, 1281	Pulmonary and rheumatic fever, pleural and pul-
-, pulmonary capacity in (HURTADO, FRAY, and	monary lesions in (PAUL) 1928, 6, *6
McCann) 1933, 12, 833	Streptothrix infection of, with metastases (SINGER,
—, —, obstructive (Hurtado, Kaltreider, Fray,	Ballon, and Mehrten) 1930, 8, *670
Brooks, and McCann) 1934, 13, 1027	Ventilation, effect of breathing oxygen-enriched
— simulating cardiac decompensation (KOUNTZ	air during exercise upon, and upon lactic acid
and Alexander) 1929, 7, *512	content of blood and urine (HEWLETT, BAR-
-, unequal distribution of respiratory gases in	NETT, and Lewis) 1926, 3, 317
(Cournand, Mansfield, and Richards)	Vessels, behavior of, as determined by direct ob-
1938, 17, *536	servation (Wearn, Ernstene, Barr, and Ger-
Emphysematous, elastic properties (Christie)	MAN) 1927, 4, *433
1933 <b>, 12, *</b> 974	Vital capacity after paralysis of the hemidia-
1934, <b>13</b> , 295	phragm (GALE and MIDDLETON) 1932, 11, *839
Fibrosis and emphysema, distribution of respira-	— and venous pressure in 50 cardiovascular
tory gases in a closed breathing circuit (COUR-	patients and 50 normals (Blumgart and Weiss)
NAND, LASSEN, and RICHARDS) 1937, 16, 9	1928, <b>5</b> , 379
, respiratory response during exercise in	— in health and disease (ARNETT) 1935, 14, 543
(KALTREIDER and McCann) 1937, 16, 23	Volume, effect of laparotomy (BEECHER)
-, pulmonary capacity in (HURTADO, KALTREI-	1933, 12, 651
DER, FRAY, BROOKS, and McCANN)	—, methods of measurement (CHRISTIE)
1935, 14, 81	1932, 11, 1099
Function, influence of changes of abdominal ten-	Lymph: Flow as measure of filtration from capil-
sion upon (Kountz, Gottlieb, and King)	laries in normal and edematous dogs (WEECH
1936, <b>15</b> , 601	and GOETTSCH) 1934, 13, *721
Gangrene (Pilot) 1929, 7, *307	Nodes, chemical metabolism of normal and dis-
Heat elimination by water evaporation from, in	eased (JACKSON, PARKER, and GLOVER)
heart failure (STEELE) 1935, 14, *706	1929, 7, *509
Infarction in patients with myocardial insuf-	-, studies of supravital and fixed stain prepara-
ficiency, jaundice following; clinical study	tions of cells obtained by puncturing (FORKNER
(KEEFER and RESNIK) 1926, 2, 375	and MINOT) 1926, 2, *612
, experimental study (RES-	Subcutaneous, in serum proteins in dog (WEECH,
NIK and KEEFER) 1926, 2, 389	GOETTSCH, and REEVES) 1933, 12, 1021
Infiltrations of childhood, tuberculous and non-	Lymphoblastoma: Follicular, clinical picture (BAEHR)
tuberculous (McPhedran) 1934, 13, *714	193 <b>0</b> , <b>9</b> , *22
Intrapleural pressure and circulation rate in em-	See also Hodgkin's disease
physema (Kountz, Pearson, and Koenig)	Lymphocytes: See Blood cells, white
1932, 11, 1281	Lymphogranuloma inguinale: And multiple mye-
—— and its significance (CHRISTIE and McIn-	loma, anticomplementary Wassermann reac-
тоян) 1934, 13, 279	tions associated with hyperproteinemia (Gut-
—— in congestive heart failure (CHRISTIE and	MAN and Williams) 1936, 15, *458
Meakins) 1934, 13, 323	Hyperglobulinemia and acid-base equivalence of
Lesions among children and young adults (MYERS)	blood (GUTMAN, GUTMAN, JILLSON, and WIL-
1929, <b>7</b> , *307	LIAMS) 1936, 15, 475
—, associated tuberculous and non-tuberculous	Lymphoma: Induced by carcinogenic agents (BRUES
(McPhedran) 1935, 14, *718	and MARBLE) 1938, 17 *535
- in dog pneumococcus carriers infected with dis-	Lyophile process: In preserving human blood serum
temper (SUTLIFF) 1938, 17, *523	(McGuinness, Stokes, and Mudd)
-, non-tuberculous, and relation to bronchiecta-	1937, <b>16</b> , 185
sis (McPhedran) 1929, 7, *512	M
Lobule, atelectatic, spontaneous reinflation by	
collateral respiration (VAN ALLEN and Soo)	Magnesemia: Hypo- and hyper-, clinical manifes-
1933, <b>12</b> , 171	tations of (Hirschfelder) 1933, 12, *982
Macrophage system changes occurring in lobar	Magnesium: Balances in health and disease (TIB-
pneumonia (Robertson and Uhley)	BETTS and AUB) 1935, 14, *705
1936, 15, 115	Excretion of calcium and, in normals, effect of
Pleural cavity absorption of dogs; lymphatic system (I proposed Hyggyrs)	magnesium, chloride and phosphate ions (TIB-
tem (LEMON and Higgins) 1932, 11, *861	BETTS and AUB) 1937, 16, 491

BETTS and AUB)

1937, 16, 491

Pleural cavity absorption of dogs; lymphatic system (LEMON and HIGGINS) 1932, 11, \*861

Mamacium—continued:	Metabolism—continued:
Magnesium—continued:  Metabolism, effect of parathyroid hormone (TIB-	Disturbances in white snake root poisoning (Bul-
BETTS and AUB) 1937, 16, 503	GER, SMITH, and BARR) 1928, 6, *12
— in exophthalmic goiter, basophilic adenoma,	During fasting (LENNOX) 1926, 2, *609
Addison's disease and steatorrhea (TIBBETTS	— morphine withdrawal from a human addict
and Aub) 1937, 16, 511	(ENSIGN and SLADEN) 1932, 11, *844
— in hyperparathyroidism (Bulger and Gaus-	Elevated, effect on heart weight of Frizzle fowl
MANN) 1933, 12, 1135	(Boas and Landauer) 1934, 13, *701
Method for determining in blood and urine	Energy exchange in obesity (STRANG and EVANS)
(Hirschfelder and Serles) 1932, 11, *841	1928, <b>6</b> , *29
Malaria: Treatment of general paralysis in; Presi-	- expenditure during work in obese, normal, and
dent's address (Bass) 1926, 2, *594	thin people (Strouse, Wang, and Owen)
Martell, Captain Charles: Case of: what it has taught	1925, 1, *586
us about generalized osteitis fibrosa cystica	Ergotamine, effect on (Youmans and Trimble)
(BAUER and SHORT) 1933, 12, *967	1929, 7, *513
Medical research: Purposes in (COHN) 1924, 1, 1	Erythroblasts, human (KEMPNER) 1936, 15, 679
Meningitis: Epidemic cerebrospinal, sugars and gly-	Fat meal, high, effect on respiratory quotient and
colytic enzymes of spinal fluid in (HUBBARD,	heat production of normal and obese individuals (Bowen, Griffith, and Sly) 1933, 12, *976
Russell, and Russell) 1936, 15, 519 Meningococcus, prognostic value of precipitin test	(Bowen, Griffith, and SLY) 1933, 12, *976 Glucose from fat, production of, in diabetes melli-
(Alexander) 1937, 16, 207	tus (Fletcher) 1928, 6, *25
Microbic tetragenus (REIMANN) 1935, 14, 311	Heat lost by vaporization of water determined by
1935, 14, *720	basal insensible loss of weight compared with
Septic, treatment by intra-carotid and cisterna	basal heat production of albino rat (Greene
magna injections (Evans) 1931, 10, *182	and LUCE) 1931, 10, *180
Suppurative, optical activity of cerebrospinal fluid	—, total, eliminated (JOHNSTON and NEWBURGH)
in, and lactic acid, sugar, and chloride content	1930, <b>8</b> , 147
(WRIGHT, HERR, and PAUL) 1930, 9, 443	Low, in youths (Tucker and McCullagh)
Type III pneumococcus, effect of artificial fever	1931, <b>10</b> , *185
and specific antiserum (SHAFFER, ENDERS, and	"Luxuskonsumption," doubtful nature of (WILEY
Wilson) 1938, 17, 133	and Newburgh) 1931, 10, 733
Menopause: Changes in vaginal smears, during	Lymph nodes (JACKSON, PARKER, and GLOVER)
symptomatic relief (SHORR and PAPANICOLAOU)	1929, 7, *509  Measurement of water exchange (LAVIETES)
1936, <b>15</b> , *454 Pathological physiology (Albright) 1935, <b>14</b> , *703	1935, 14, 57
Menstruation: Effects of male sex hormone on	"Nitrogen, deposit," in disease (GRABFIELD)
menopause and (SHORR, PAPANICOLAOU, and	1928, <b>6</b> , *31
STIMMEL) 1938, 17, *527	Obesity, obstinate (STROUSE and WANG)
Mercury: Combining power of blood (HENCH)	1929, 7, *524
1932, 11, *829	Of dihydroxyacetone in normal and diabetic indi-
Compounds, organic, and ammonium chloride,	viduals (Mason) 1926, 2, *611
study of action of (Keith and Whelan)	Of leukocytes from normal and leukemic blood
1926, <b>3</b> , 149	(SOFFER and WINTROBE) 1932, 11, 661
Metabolism: Acid-base, total, influence of thyroid	Respiratory quotient after administration of cer-
gland and parathyroid hormone (ALBRIGHT,	tain carbohydrates (CAMPBELL and MALTBY) 1928, 6, 303
BAUER, and AUB) 1931, 10, 187	——————————————————————————————————————
Calorigenic action of thyroid glands, normal and pathological, administered in equi-thyroxine	KIN, and MALTBY) 1928, 6, *10
doses (Palmer and Leland) 1935, 14, 619	—— of obese during reduction (McCluggage,
— of thyroxin at different levels of, in myx-	STRANG, and EVANS) 1929, 7, *516
edema (THOMPSON, THOMPSON, BRAILEY, and	
COHEN) 1929, 7, 437	Griffith, and SLy) 1933, 12, *976
———— polypeptide (SALTER, LERMAN, and	Specific dynamic action, abnormal, of protein,
MEANS) 1933, 12, 327	glucose and fat associated with undernutrition
Carbohydrate, of cancer (SCHARLES, BAKER, and	(MASON) 1927, 4, 353
SALTER) 1934, 13, *687	1927, 4, *446  ——— of carbohydrate and protein after thy-
Changes produced in pituitary dwarfism by anterior pituitary growth hormone and thyroid	roid ablation (LANDOWNE) 1935, 14, 595
therapy (Greene, Harris, Levine, and Gib-	— — of food in obesity (Evans and Strang)
son) 1938, 17, *526	1931, <b>10</b> , *672
,	

Metabolism—continued:	Metabolism, basal—continued:
——— of protein in obese (DuBois, Spencer,	In obesity and undernutrition, total and (LERMAN
McClellan, and Falk) 1929, 7, *499	and BAIRD) 1935, 14, *717
————— in pituitary disease (JOHNSTON)	Increased, from dinitrophenol and thyroid, rela-
1932, 11, 437	tionship between blood cholesterol and (Cut- TING, RYTAND, and TAINTER) 1934, 13, 547
Thyroxin, effect upon, of malignant tissue (MEYER, McTiernan, and Aub) 1933, 12, 723	TING, RYTAND, and TAINTER) 1934, 13, 547  —, with hypertension (BOAS and SHAPIRO)
Tissue, in secondary anemia (RIECKER)	1926, 2, *614
1933, 12, *986	Low, following thyrotoxicosis; permanent type
Tubercle bacillus, respiratory (LOEBEL, SHORR,	without myxedema (Thompson and Thompson)
and Richardson) 1929, 7, *507	1928, 5, 471
Work and thyroxine, influence on, in dog (BOOTH-	—, ——; temporary type without myxedema, with special reference to rôle of iodine therapy
BY) 1932, 11, *843  —, cost of, with hypermetabolism due to leukemia	(Thompson and Thompson) 1928, 5, 441
and hyperthyroidism (BRIARD, McCLINTOCK,	Normal, in early thyrotoxicosis (BALL)
and BALDRIDGE) 1934, 13, *699	1931, <b>10</b> , *185
See also Acid-base; Carbohydrate; Fat; Protein;	Methemoglobin: Formation and its control after
Water; various salts, etc.	sulfanilamide (HARTMANN, PERLEY, and BAR-
Metabolism, basal: Blood velocity at varying levels	NETT) 1938, 17, 699 Methemoglobinemia: Or sulf-, in patients receiving
of, with and without thyroid disease (MACY, CLAIBORNE, and HURXTHAL) 1935, 14, *717	sulfanilamide (CHESLEY) 1938, 17, 445
Calorigenic activity of thyroid iodine at different	Micrococcus tetragenus: Meningitis, microbic dis-
levels of (LERMAN and SALTER) 1937, 16, *678	sociation in (REIMANN) 1935, 14, 311
Cardiac output, heart size, and blood pressure in	1935, 14, *720
235 subjects (STARR, DONAL, MARGOLIES,	Migraine: Ergonovine in (LENNOX) 1937, 16, *670
SHAW, COLLINS, and GAMBLE) 1934, 13, 561 Changes during dietary correction of undernutri-	Headache, abortion by ergotamine tartrate (LENNOX) 1934, 13, *697
tion (Evans and Strang) 1932, 11, *829	—, action of ergotamine tartrate on (GRAHAM and
— of expiratory volume of chest in routine meas-	WOLFF) 1937, <b>16</b> , *660
urement (GREENE) 1935, 14, *716	Mineral(s): Balance, intravenous injection of sodium
Circulation rate in relation to thyroid and pitui-	r-lactate (HARTMANN and SENN) 1932, 11, 345
tary states (MACY, CLAIBORNE, and HURX-	Loss through skin when sweating is avoided (FREY- BERG and GRANT) 1937, 16, 729
THAL) 1936, 15, 37 Effect of diiodotyrosine in myxedema (THOMPSON,	BERG and GRANT) 1937, 16, 729  Monilia: Infections and blastomycosis, complement
ALPER, THOMPSON, and DICKIE) 1934, 13, 29	fixation tests in (GARCIA) 1929, 7, *310
- of emotion on (STROUSE, BINSWANGER, and	Relation to pernicious anemia (Broun, Jacobson,
SEGAL) 1927, 4, *453	and GARCIA) 1926, 2, *607
— of fever on, insensible perspiration, skin tem-	(GARCIA, GARCIA, BOYCE, and BROUN)
perature, and, of a child (TALBOT) 1927, <b>4</b> , *428	1927, 4, *451  Mononucleosis: Infectious, experimental reproduc-
— of iodine on, in simple goiter (WEBSTER and	tion of blood picture in guinea pig (GORHAM,
Wright) 1936, 15, *465	SMITH, and HUNT) 1929, 7, *504
— of 10 commonly used drugs on (STARR, GAM-	-, presence of heterophilic antibodies (PAUL and
BLE, MARGOLIES, DONAL, JOSEPH, and EAGLE)	Bunnell) 1931, 10, *658
1937, 16, 799 — of undernutrition (MASTER, JAFFE, and DACK)	Morphine: Effect on respiration in pneumonia (Davis) 1928, 6, 187
1936, 15, 353	(Davis) 1928, 6, 187 Withdrawal, metabolic studies during, from hu-
1936, 15, *460	man addict (Ensign and Sladen)
Elevated, due to leukemia and hyperthyroidism,	1932, 11, *844
cost of work in patients with (BRIARD, McCLIN-	Mountain sickness: Acute, effect of ammonium
TOCK, and BALDRIDGE) 1934, 13, *699 —, effect of Lugol's solution on other than exoph-	chloride (BARRON, DILL, EDWARDS, and HUR-
thalmic goiter (FRIEDGOOD) 1931, 10, *172	TADO) 1937, 16, 541 Multiple sclerosis: Blood chemical changes in (Solo-
Energy, calcium and phosphorus exchange in	MON, DAILEY, and PUTNAM) 1935, 14, *710
pituitary basophilism (FREYBERG, NEWBURGH,	Muscle: Cardiac and skeletal, potassium content in
BARKER, GRANT, and COLLER) 1935, 14, *719	relation to edema and fatigue (HARRISON, CAL-
In exophthalmic goiter complicated by diabetes (Воотнву and Wilder) 1925, 1, *590	HOUN, CULLEN, and PILCHER) 1930, 9, *8  —, effect of overwork on potassium content in
In experimental diphtheritic intoxication (YANNET	heart disease (Calhoun, Cullen, Clarke, and
and Goldfarb) 1933, 12, 787	Harrison) 1930, 9, 393

Muscle—continued:	We also also south of the second of the seco
Diabetic and non-diabetic, blood sugar consump-	Myasthenia gravis: Choline esterase inhibition by
tion by (YATER, MARKOWITZ, and CAHOON)	prostigmin (STADIE and JONES) 1938, 17, *536
1932, 11, *830	Prostigmin in (GAMMON and SCHEIE)
Disease, metabolism of creatine (MILHORAT and	1937, 16, *675. Mycosis: Generalized, due to hitherto undescribed
Wolff) 1934, 13, *723	fungus (Blankenhorn and Gammel)
Effect of hyperthermia on distribution of water	1927, 4, 471
and electrolytes (YANNET and DARROW)	Myeloma: Multiple, and lymphogranuloma ingui-
1938, 17, 87	nale, anticomplementary Wassermann reactions
Formation of glycogen in mammalian, from d-lac-	associated with hyperproteinemia (Gutman and
tic acid and glucose (MEAKINS and LONG)	WILLIAMS) 1936, 15, *458
1931, 10, *662	—, hyperglobulinemia and acid-base equivalence
Glycolysis in, and in cancer tissue (BARR and	of blood (GUTMAN, GUTMAN, JILLSON, and
RONZONI) 1927, 4, *439	WILLIAMS) 1936, 15, 475
Heart, determination of potassium and presumable	Myxedema: See Thyroid, hypothyroidism
influence of beta radiations on rhythm (Scott)	
1931, 10, 745	N
-, digitalis, effect on potassium content of, in	Nasopharynx: Flora in tropics (SMILLIE and MILAM)
dogs (Calhoun and Harrison) 1931, 10, 139	1930, 9, *10
Influence of edema on capacity of blood plasma to	Negroes: Vital capacity (SMILLIE and AUGUSTINE)
modify fluid imbibition by (COMPERE)	1926, 2, *601
192 <b>7, 4,</b> 253	Nephritis: Ability to deaminize and form urea from
Skeletal and cardiac, potassium content of, in	ingested glycine (KIRK) 1935, 14, 136
heart failure (HARRISON, PILCHER, and EWING)	Acidosis of, total acid-base equilibrium of plasma
1930, <b>8</b> , 325	(Peters, Wakeman, Eisenman, and Lee)
-, contracting, substance (S) producing pain in	1929, <b>6</b> , 517
(KATZ, LINDNER, and LANDT) 1935, 14, 807	Acute, antistreptolysin titer in (LYTTLE, SEEGAL,
—, effect of anesthetics on recovery process (MEA-	LOEB, and JOST) 1938, 17, 631
KINS and Long) 1927, 4, *443	—, blood proteins in (PETERS, BRUCKMAN, EISEN-
-, - of overwork on potassium content of, in	MAN, HALD, and WAKEMAN) 1932, 11, 97
heart disease (Calhoun, Cullen, and Harri-	- hemorrhagic, subacute nephritis and severe
son) 1930, 9, 405	chronic nephritis, chemical changes occurring in
—, elasticity and viscosity in normal and patho-	children (HARTMANN and DARROW)
logical cases (FENN and GARVEY) 1934, 13, 383  —, pain in exercising, during induced anoxemia	1928, 6, 127
(Kissin) 1934, 13, 37	-, permanence of recovery (LOEB, LYTTLE, SEE-
—, — producing substances in contracting (KATZ,	GAL, and Jost) 1938, 17, *502
LINDNER, and LANDT) 1935, 14, *717	1938, 17, 623
—, potassium content of, obtained by biopsy in	—, skin reactions to streptococcus filtrates in
circulatory failure (PILCHER, CALHOUN, CUL-	acute streptococcus infections in (HANSEN-
LEN, and HARRISON) 1930, 9, 191	Pruss, O'Brien, and Longcope) 1927, 4, *449
Sodium and potassium content in relation to	Advanced, obliterative bronchiolitis occurring with (STILLMAN, EHRICH, and MCINTOSH)
muscle edema fluid and serum protein in experi-	(STILLMAN, EHRICH, and WCINTOSH)  1928, 6, *5
mental nutritional edema (McClure and Hin-	Alkaline tide (McCorvie) 1925, 2, 35
MAN) 1937, 16, 351	Amino nitrogen changes of blood (KIRK)
Spasms, striated, effect of amyl nitrite (CHRISTIE)	1933, 12, 1091
1931, 10, *180	Anemia of, in relation to gastric acidity (Town-
Tonus in man, dynamic method for measuring	SEND, MASSIE, and LYONS) 1937, 16, *668
(SMITH, MARTIN, GARVEY, and FENN)	Antistreptolysin titer (LONGCOPE) 1936, 15, 277
1930, 8, 597	Blood calcium state in uremia and (McLean and
Twitchings in uremia, mechanism (HARRISON, MASON, and RESNIK) 1936, 15, *463	LEITER) 1935, 14, *705
Voluntary, chemical composition in progressive	— uric acid and renal function (Johnston)
muscular dystrophy and other diseases; effects	1931, <b>9</b> , 555
of glycine and creatine therapy (REINHOLD and	Carbohydrate metabolism (LINDER, HILLER, and
Kingsley) 1938, 17, 377	Van Slyke) 1925, 1, 247
Weakness of, in Graves' disease, nature (SHORR,	Changes in renal function, hemoglobin, and circu-
RICHARDSON, and WOLFF) 1933, 12, *966	latory system in different types of (VAN SLYKE,
Muscular dystrophy: Progressive, glycine synthesis	McIntosh, Möller, and Stillman)
in (Thomsen) 1937, 16, 231	1928, <b>6</b> , *27

Nephritis—continued:	Nephritis—continued:
Chronic, acid-base equilibrium in (BULGER, PE-	Glomerulitis, experimental acute (LUKENS and
ters, Eisenman, and Lee) 1926, 2, 213	LONGCOPE) 1930, 9, *12
—, blood and cerebrospinal fluid chlorides in ure-	Glucose excretion (HAWKINS, MACKAY, and VAN
mia and (Youmans and Wilson)	SLYKE) 1929, 8, 107
1925, 1, *589	Hypochloremia and total salt deficiency (Peters Wakeman, and Lee) 1929, 6, 551
—, factor causing acidosis (Bulger and Peters)	· · · · · · · · · · · · · · · · · · ·
1925, 1, *577	In arteriolar sclerosis with high blood pressure and cardiac hypertrophy (BRANCH and LINDER)
—, identification of a single serum globulin by	1926, <b>3</b> , 299
immunological means (KENDALL) 1937, <b>16</b> , 921	Kidney denervation (PAGE and HEUER)
—, parathyroid hyperfunction in (GILLIGAN, VOLK,	1935, 14, 443
and GARGILL) 1938, 17, 641	Obtained at autopsy, blood vessels of, experiments
—, relation between acidosis and uremia (BRIGGS)	on patency (HAYMAN) 1929, 7, *488
1930, 8, *667	1929 <b>, 8</b> , 89
—, with and without edema (MURPHY)	Lipiduria (Bruger) 1936, 15, *464
1927, <b>5</b> , 63	Metabolic disturbances (GRABFIELD)
-, with edema, action of sodium chloride, am-	1931, 10, *681
monium chloride, and sodium bicarbonate on	Nephrotoxic, in rats, influence of diet on course of
total acid-base balance of (Albright and	(FARR and SMADEL) 1937, 16, *662
BAUER) 1929, 7, 465	Nitrogen and sulphur metabolism (GRABFIELD)
Comparison of rotatory and reducing properties of	1931, 10, 309 Plasma lipids in (PAGE, KIRK, and VAN SLYKE)
plasma ultrafiltrates in diabetes and (PAUL) 1928, <b>5</b> , 303	1936, 15, 101
Concentration and dilution tests (ALVING and	———, influence of fat diets and thyroid (PAGI
Van Slyke) 1934, 13, 969	and FARR) 1936, 15, 181
Diurnal variation of urea excretion in normals and	Protein, dietary effects on course of disease (KEUT
patients with (MACKAY) 1928, 6, 505	MANN and McCANN) 1932, 11, 973
Edema, balanced diet, acid, and acid-producing	Pyelo, and hypertension (Butler) 1937, 16, 889
salts in treatment (LASHMET and NEWBURGH)	Relation between protein specific content and
1930, <b>8,</b> *668	edema in (Moore and Van Slyke)
—, influence of mineral metabolism (HOFFMAN	1930, <b>8</b> , 337
and Post) 1933, 12, 613	—— urine volume and rate of urea excretion by
—, mechanism (LOEB, ATCHLEY, RICHARDS, BENEDICT, and DRISCOLL) 1932, 11, 621	patients with (MÖLLER, MCINTOSH, and VAN SLYKE) 1928, 6, *485
EDICT, and DRISCOLL) 1932, 11, 621  —, serum proteins (PETERS, BRUCKMAN, EISEN-	Serum electrolytes in, and in infections and other
MAN, HALD, and WAKEMAN) 1931, 10, 941	pathological conditions (SUNDERMAN, AUSTIN
—, sodium, potassium, chlorine, and water ex-	and CAMACK) 1928, 6, 33
change in (FREYBERG, WHITE, and LATHROP)	—— in infections and (Austin, Sunderman, and
1938, 17, *515	CAMACK) 1928, 6, *30
Effect on kidney efficiency of lowering arterial	- proteins in terminal (PETERS, BRUCKMAN
blood pressure in hypertension and (PAGE)	Eisenman, Hald, and Wakeman)
1934, 13, 909	1932, 11, 113
Excretion of albumin and globulin (HILLER, Mc-	Skin reactions to filtrates of hemolytic streptococc
INTOSH, and VAN SLYKE) 1927, 4, 235	(Hansen-Pruss, Longcope, and O'Brien)
— of ammonia and titratable acid (VAN SLYKE,	1929, 7, 543
LINDER, HILLER, LEITER, and McIntosh) 1926, 2, 255	Sodium and potassium metabolism in normals and in (MacKay and Butler) 1935, 14, 923
— of cholesterol and protein (BRUGER)	Surface tension of blood serum (LEITER)
1934, <b>13</b> , *717	1926, <b>3</b> , 267
Experimental, in rats (FARR and SMADEL)	Syphilitic (ALLEN and BAKER) 1936, 15, *465
1936, <b>15</b> , *450	Urea clearance values in children (CULLEN, NEL
—, produced by trypsin (KATZ and FRIEDMAN)	son, and Holmes) 1935, 14, 563
1938, 17, *537	— excretion (Chasis and Smith) 1938, 17, 347
-, - by x-ray (O'HARE, ALTNOW, CHRISTIAN,	Nephrosis: Calcium excretion in 2 cases treated with
and Calhoun) 1926, 2, *604	parathyroid extract (SCRIVER) 1928, 6, 115
Gelatin diets in (GRABFIELD) 1933, 12, *964 Glomerular, relationship of acute infections (Long-	Diet promoting nitrogen gain in (LIU and CHU)
cope, O'Brien, McGuire, Hansen, and	1935, 14, 293
Denny) 1927, 5, 7	Effect of dietary protein on urea clearance of children with (FARR) 1936, 15, 703
,,	

Nephrosis—continued:	Nitrogen—continued:
Excretion of Bence-Jones protein (ROOT and	——————————————————————————————————————
Hunt) 1933, 12, *987	and Barer) 1931, 10, *165
Lipoid and nephrotic syndrome (BANNICK)	———— in polycythemia vera (BARER, PAUL,
1932, 11, *855 Nitrogen and sulphur metabolism (GRABFIELD)	and BALDRIDGE) 1934, 13, 15  ———, relationship between (BALDRIDGE)
1930, 9, 311 Plasma and urinary proteins in (ALVING and	1932, 11, *828  —, effect of immunization against neoplasm on
Mirsky) 1936, 15, 215	(Salter and Oster) 1936, 15, *466
Serum proteins in (GOETTSCH and REEVES)	— following infections (Bulger) 1937, 16, *683
1936, <b>15</b> , 173	— in nephritis, sulphur and (GRABFIELD)
Nerve: Splanchnic, resection and sympathetic gan-	1931, 10, 309
glionectomy in paroxysmal hemoglobinuria (Ernstene and Gardner) 1935, 14, *704	—, of normals, irradiated ergosterol effect on cal-
(ERNSTENE and GARDNER) 1935, 14, *704 1935, 14, 799	cium, phosphorus, and (BAUER, MARBLE, and CLAFLIN) 1932, 11, 1
Vagus, direct stimulation (FIELD and BARKER)	-, relation of urea to (PETERS and MOORE)
1932, 11, *815	1928, <b>6</b> , *5
Vasomotor, capillaries after excision (Brown)	Retention, blood urobilin (BLANKENHORN)
1930, 8, *674	1931, 10, *185
See also Sympathetic nervous system  Neuritis: "Alcoholic," etiology (STRAUSS)	Substances in blood before and after passage through placenta (POMMERENKE)
1934, 13, *696	1936, <b>15</b> , 485
Neuroses: Respiratory function (CHRISTIE)	Nose: Secretions in upper respiratory infections
1935, 14, *703	(Long, Bliss, and Carpenter) 1933, 12, *965
Neurosyphilis: Audiometer test in (Bromberg and	1933, 12, 1127
SMITH) 1932, 11, *852  Nicotinic acid: Effect on pellagra and black tongue	Novasurol: In edema due to heart failure (CRAW- FORD and McIntosh) 1925, 1, 333
(Ruffin, Margolis, Margolis, Smith, and	Nucleotide: Nitrogen in pathologic whole blood
SMITH) 1938, 17, *529	(ALLEN, LUCIA, and EILER) 1936, 15, 157
Prevention of pellagra, roentgen sickness and por-	Therapy in agranulocytosis (REZNIKOFF)
phyrinuria with (SPIES and BEAN)	1930, 9, 381
1938, 17, *504 Nitrite(s): Amyl, effect on striated muscle spasms	Nutrition: Abnormal states of, creatinine excretion in (Booth, McCluggage, and Evans)
(CHRISTIE) 1931, 10, *180	1930, 9, *20
Effect on gastro-intestinal tract (BEAMS)	Deficiency and water retention in toxemias of
1930, <b>8</b> , *666	pregnancy (STRAUSS) 1935, 14, *710
Sodium, circulatory collapse induced by, nature	Edema (HARTMANN and SENN) 1931, 10, *176
of (Weiss, Wilkins, and Haynes) 1937, 16, 73—, effect of epinephrine in circulatory collapse	Malnutrition, edema and serum proteins (BRUCK- MAN and PETERS) 1930, 8, 591
induced by (WILKINS, WEISS, and HAYNES)	MAN and PETERS) 1930, 8, 591  —, serum lipoids in (MAN and GILDEA)
1938, 17, 41	1936, <b>15</b> , 203
Nitrogen: And chloride balances and weight changes	Sick children (Peterman) 1932, 11, *857
in pneumonia (SUNDERMAN) 1929, 7, 313	Undernutrition and obesity, basal and total me-
And sulphur metabolism in nephrosis (GRABFIELD) 1930, 9, 311	tabolism in (LERMAN and BAIRD)
Deposit, further studies (GRABFIELD)	1935, 14, *717
1929, <b>7</b> , *495	— and serum proteins (BRUCKMAN, D'ESOPO, and PETERS) 1930, 8, 577
Diets high in, and renal injury (NEWBURGH and	—, basal metabolism changes during dietary cor-
JOHNSTON) 1931, 10, 153 Gain in nephrosis, diet promoting (Liu and Сни)	rection (Evans and Strang) 1932, 11, *829
1935, <b>14</b> , 293	-, digestion efficiency in simple (STRANG, Mc-
Gastric juice content of chloride, base and, after	CLUGGAGE, and EVANS) 1933, 12, *972
histamine stimulation (Polland, Roberts, and	— in cardiac deficiency (Proger and Magen- DANTZ) 1935, 14, *720
BLOOMFIELD) 1928, 5, 611 Metabolism, action of iodides (Grabfield, Gray,	— in treatment of coronary artery disease; effect
and Flower) 1926, 2, *605	on basal metabolism and circulation (MASTER,
(GRABFIELD, GRAY, FLOWER, and KNAPP)	JAFFE, and DACK) 1936, 15, 353
1927, 4, 323	1936, <b>15</b> , *460
— and oxygen consumption in pernicious anemia	<ul> <li>—, moderate, effect on weight curve in obesity</li> <li>(FALCON-LESSES and NEWBURGH) 1928, 6, *14</li> </ul>
(BALDRIDGE and BARER) 1931, 10, 529	(I ALCON-LESSES and HEWBOROL) 1720, 0, 11

Nutrition—continued:	Operation: Surgical, cardiac output and oxygen
—, specific dynamic action of protein, glucose, and	consumption before and after (SNYDER)
fat associated with (MASON) 1927, 4, 353	1938, 17, 571
1927, 4, *446	Orchidectomy: In Addison's disease (Greene,
—, xanthomata caused by low caloric diet (Cur-	ROWNTREE, and WALTERS) 1932, 11, *829
TIS, WILE, and ECKSTEIN) 1929, 7, 249	Orthopnea: Effect of posture upon blood circulation
0	rate (FIELD and BOCK) 1925, 2, 67
	Osmotic pressure: See Blood serum, protein; Protein
Obesity: Carbohydrate, rôle in, and in treatment of	Osteitis fibrosa cystica: See Parathyroid, hyper-
hypertension and cardiac disorders (GORDON	parathyroidism
and Nissler) 1928, 6, *14	Osteomalacia: Calcium and phosphorus metabolism
Cholesterol content of blood in, effect of diet	in presence of continuous vitamin D therapy (Liu, Su, Снои, Сни, Wang, and Снаид)
(Bruger) 1933, 12, *985 Circulation in (Proger and Dennig)	1937, 16, 603
1932, 11, 789	Osteoporosis: With acromegaly, calcium and phos-
Diabetes and epilepsy, threshold of ketosis (DU	phorus metabolism in (SCRIVER and BRYAN)
Bois, McClellan, and Spencer)	1935, 14, 212
1928, 6, *11	Osteosclerosis: With aleukemic myelosis (Bredeck
α-dinitrophenol, effects on metabolism, blood	and Stephens) 1932, 11, *852
chemistry, and renal function (Bruger, Bailey,	Oxygen: Action in counteracting effects of alcohol
and Thosteson) 1935, 14, *718	(BARACH) 1933, 12, *975
Energy exchange (STRANG and EVANS)	Capacity and saturation of mother and fetus in
1928, 6, *29	icterus neonatorum (GOLDBLOOM and GOTTLIEB)
1928, 6, 277	1930, <b>9</b> , 139
Epinephrine effect on partition of foodstuffs in	Chamber, new type (BARACH) 1926, 2, 463
normals and (KRANTZ and MEANS)	Concentrations progressively decreasing, with
1927, 4, 225	quiet breathing in closed circuit: composition
— reactions (KRANTZ and MEANS) 1927, 3, 565	of expired air (RICHARDS, LASSEN, and COUR-
Fat meal, high, effect on respiratory quotient and	NAND) 1936, 15, *458
heat production (Bowen, Griffith, and SLy)	Consumption and heart output before and after
1933, 12, *976	operation (SNYDER) 1938, 17, 571
Heredity factor (GURNEY) 1934, 13, *701	— and nitrogen metabolism, in pernicious anemia
Metabolism, basal and total, in undernutrition and (LERMAN and BAIRD) 1935, 14, *717	(BALDRIDGE and BARER) 1931, 10, 529
— study of obstinate cases of (STROUSE and	
Wang) 1929, 7, *524	and BARER) 1931, 10, *165
Nature (Newburgh and Johnston) 1930, 8, 197	———— in polycythemia vera (BARER, PAUL, and BALDRIDGE) 1934, 13, 15
Respiratory quotient of, during reduction (Mc-	and BALDRIDGE) 1934, 13, 15 — — — —, relationship between (BALDRIDGE)
Cluggage, Strang, and Evans) 1929, 7, *516	1932, 11, *828
Source of heat during periods of reduction (MA-	—, effect of exercise on, in normal, overweight,
son) 1927, 4, 93	and ill individuals (Bowen and Carmer)
Specific dynamic action of food (Evans and	1926, 2, 299
Strang) 1931, 10, *672	—, increased, in cardiac disease (RESNIK and
of protein (DuBois, Spencer, McClel-	FRIEDMAN) 1935, 14, 551
LAN, and FALK) 1929, 7, *499	— of isolated beating auricles from thyrotoxic
Undernutrition, effect on weight curve in (FAL-	guinea pigs (McEachern and Andrus)
con-Lesses and Newburgh) 1928, 6, *14	1931, 10, *653
Weight loss and nitrogen excretion on low calorie	- of surviving tissues in hyperthyroid plasma
diets with high and low quantities of protein	(SALTER and CRAIG) 1938, 17, *502
(KEETON and DICKSON) 1932, 11, *846	-, oxygen debt and lactic acid in circulatory
See also Metabolism	failure (MEAKINS and LONG) 1927, 4, 273
Obituary: Hewlett, Albion Walter 1926, 2, *593	Determination of, and carbon dioxide in mixed
Hoover, Charles F. 1928, 6, *1	venous blood of man (Burwell and Robinson)
Howland, John 1927, 4, *427	1924, 1, 47
Koessler, Karl K. 1928, 6, *1	Dissociation curve in liver disease (KEYS and
Peabody, Francis W. 1927, 5, 1 Peabody, Francis W. 1928, 6, *1	SNELL) 1937, 16, *684
Peabody, Francis W. 1928, 6, *1  Olfactory test: Elsberg, clincal results (ADLER and	1938, 17, 59
FINLEY) 1937, 16, *665	—— of blood, change of, by carbon monoxide (STADIE and MARTIN) 1925 1 *578
,	CLADIE AUGUNAKTINI 1975 1 #578

Oxygen—continued:	Pain—continued:
Enriched air, effect of breathing, during exercise	Substances producing, in contracting skeletal
upon pulmonary ventilation and lactic acid	muscle (KATZ, LINDNER, and LANDT)
content of blood and urine (HEWLETT, BAR-	1935, 14, *717
NETT, and LEWIS) 1926, 3, 317	1935, <b>14</b> , 807
Inhalation effects of helium and, on mechanics of respiration (BARACH) 1935, 14, *697	See also Heart, angina pectoris  Pancreas: Adenoma of islet cells with hyperinsu-
1935, 14, 697 1936, 15, 47	linism (Liu, Loucks, Chou, and Chen)
—, relief of anoxemia in pneumonia by (BINGER)	1936, 15, 249
1928, <b>6</b> , 203	Depancreatized and adrenalectomized animals,
- under positive pressure, effect on pulmonary	observations on (Long and Lukens)
edema (BARACH and MARTIN) 1936, 15, *466	1934, 13, *685
Oxygenation of concentrated versus normal bloods	— animals, glucose in tissues from (THALHIMER
(RAY, THOMAS, and STRONG) 1933, 12, 1051 Poisoning (BINGER, FAULKNER, and MOORE)	and PERRY) 1929, 7, *310 — dogs, action of protamine insulin in normal and
1926, 2, *610	(Kerr) 1936, 15, *450
Quasi-continuous recorder for carbon dioxide and,	Diabetic, insulin and zinc content (Scott and
for clinical atmosphere control (Bullowa and	Fisher) 1938, 17, 725
LUBIN) 1931, 10, 603	Digestion, thyrotoxicosis and its relation to (DA-
Saturation of arterial and venous blood of patients	vis and Killian) 1932, 11, *839
with heart disease, effect of tachycardia due to injection of atropine on (STEWART)	Enzymes in pernicious anemia (Helmer, Fouts, and Zerfas) 1933, 12, 519
1926, 3, 241	Histamine action (NEALE and KLUMPP)
— of hemoglobin in arterial blood of exercising	1930, <b>9</b> , 197
patients (HIMWICH and LOEBEL) 1927, 5, 113	Juice, effect of excluding, from duodenum on
Tension of mixed venous blood of man at rest,	motility of stomach and small intestine (PRATT
carbon dioxide and (RICHARDS and STRAUSS)	and WHITAKER) 1925, 1, *582
1930, 9, 475 Therapy in chronic pulmonary disease (BARACH	-, total loss of, as cause of duodenal ulcer (EL- MAN) 1931, 10, *183
and Richards) 1931, 10, *679	Pancreatectomy and nutrition, influence on re-
— in heart disease (HAMBURGER, KATZ, and Ru-	sistance to experimental septicemia (RICHARD-
BINFELD) 1932, 11, *861	son) 1936, 15, *458
Utilization, effect of cardiac edema on (HARRISON	Secretion, external (KOGUT, MATZNER, and SOBEL)
and Pilcher) 1929, 7, *494 1930, 8, 259	1936, 15, 393  Parathyroid: Action on calcium and lead in bones
Want, comparative sensitivity to sodium lactate	(Hunter and Aub) 1926, 2, *605
of hearts of normal and thyroxinized animals	Autotransplantation in dog (SHAMBAUGH and
(Andrus, McEachern, Perlzweig, and Her-	CUTLER) 1935, 14, *713
MAN) 1930, 9, *16	Calcium metabolism in hyper- and hypoparathy-
P	roidism (Bulger and Barr) 1929, 7, *498 Diuresis (Robbins) 1937, 16, *682
Paget's disease: See Bones	Diuresis (ROBBINS) 1937, 16, *682 Extract, calcium excretion in 2 cases of nephrosis
Pain: Experimental referred, from esophagus (Pol-	treated with (SCRIVER) 1928, 6, 115
LAND and BLOOMFIELD) 1931, 10, 435	-, electrolyte changes in urine following injection
, from stomach, duodenum, and colon	(Ellsworth and Nicholson) 1935, 14, 823
(BLOOMFIELD and POLLAND) 1931, 10, 453	-, response of normal kidneys to (ELLSWORTH
Hyperalgesia, segmental cutaneous, as accurate	and HOWARD) 1934, 13, *705 Function following normal thyroid ablation (GIL-
indicator of visceral disease (CADY) 1931, 10, *184	LIGAN, BERLIN, VOLK, STERN, and BLUMGART)
In exercising skeletal muscle during induced	1934, <b>13</b> , 789
anoxemia (Kissin) 1934, 13, 37	Glands, physiology of, action of extract on renal
Localization on faradic excitation of stomach and	threshold (ELLSWORTH) 1932, 11, 1011
duodenum (Boyden and Rigler) 1934, 13, 833	Hormone, action on renal threshold for phosphorus (Ellsworth) 1932, 11, *817
Peptic ulcer, effect of nonspecific protein injection	— and thyroid gland, influence on total acid-base
(VANZANT and SNELL) 1932, 11, 647	metabolism (Albright, Bauer, and Aub)
——, relation to gastric acidity and motility	1931, 10, 187
(MEYER, FETTER, and STRAUSS) 1932, 11, *853	—, effect on calcium and phosphorus metabolism (Albright, Bauer, Ropes, and Aub)
Relief by 6 counterirritants (GAMMON and STARR) 1936, 15, *452	1929, 7, 139

Danathanald	Donath-maidtim.al.
Parathyroid—continued: —, — on magnesium metabolism (TIBBETTS and	Parathyroid—continued: —, — of irradiated ergosterol (BAUER, MARBLE,
	and CLAFLIN) 1932, 11, 47
AUB) 1937, 16, 503 — in blood of pregnancy (HAMILTON, DASEF,	-, idiopathic (Albright, Bauer, Castleman,
HIGHMAN, and Schwartz) 1936, 15, 323	and Drake) 1937, 16, *678
— —, test for abnormally large amounts (HAM-	—, —, calcium and phosphorus studies in (AL-
ilton and Highman) 1936, 15, 99	BRIGHT and ELLSWORTH) 1929, 7, 183
Hyperactivity in osteitis fibrosa cystica (Hannon,	— in rats and acalcification of dentine with (AL-
SHORR, McCLELLAN, and DuBois)	BRIGHT and STROCK) 1933, 12, *974
1930, 8, 215	Parathormone overdosage, danger of (BOOTHBY)
(BAUER, ALBRIGHT, and AUB) 1930, 8, 229	1931, <b>10</b> , *176
(McClellan and Hannon) 1930, 8, 249	Poisoning, complication of hyperparathyroidism
Hyperfunction, Hamilton and Highman test for,	(Albright) 1932, 11, *827
in chronic nephritis, toxic goiter, and Paget's	Serum calcium and serum phosphorus at differ-
disease of bone (GILLIGAN, VOLK, and GARGILL)	ent levels of parathyroid activity (Albright,
1938, 17, 641	BAUER, COCKRILL, and ELLSWORTH)
Hyperparathyroidism (BULGER, DIXON, and	1931, 9, 659
BARR) 1929, 7, *306	Tetany, effect of dihydrotachysterol (Sunderman
—, case of Captain Charles Martell (BAUER and	and Rose) 1938, 17, *526
Short) 1933, 12, *967	—, postoperative, effect of irradiated ergosterol
— due to diffuse hyperplasia of all parathyroid	(FARQUHARSON) 1934, 13, *706 —, vitamin D <sub>2</sub> in (Klatskin) 1938, 17, 431
glands (Albright, Churchill, and Castle-	
MAN) 1934, 13, *685	Parotid duct: Effect of ligation on carbohydrate
————, parathyrotropic substance in urine	tolerance in dogs (ZIMMERMAN) 1930, 8, *674
(Hertz) 1934, 13, *698	Parturition: Total base concentration in fetal and
—, effect of phosphate ingestion (Albright and Cockrill) 1931, 10, *653	maternal blood at (THOMPSON and POMME-
(Albright, Bauer, Claflin, and Cockrill)	RENKE) 1938, 17, 609  Patella: Intra-articular changes resulting from dis-
1932, 11, 411	placement of (Bennett and Bauer)
-, functional pathology (BULGER, DIXON, and	1934, 13, *700
, ranctional pathology (Dobobk, Dikon, and	
BARR) 1930, 9, 143	
BARR) 1930, 9, 143 — in kidney disease (HIGHMAN and HAMILTON)	Pellagra: Anemia of (Spies and Chinn)
— in kidney disease (HIGHMAN and HAMILTON)	Pellagra: Anemia of (SPIES and CHINN) 1935, 14, 941
	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941  Blood volume (TURNER)  1931, 10, 111
— in kidney disease (HIGHMAN and HAMILTON) 1937, 16, 103 —, magnesium metabolism (BULGER and GAUSMANN) 1933, 12, 1135	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941  Blood volume (TURNER)  1931, 10, 111  Clinical and physiologic data (TURNER)
— in kidney disease (HIGHMAN and HAMILTON) 1937, 16, 103 —, magnesium metabolism (Bulger and Gaus- манн) 1933, 12, 1135 —, metabolic criteria (ROBBINS and KYDD)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941  Blood volume (TURNER)  1931, 10, 111
— in kidney disease (HIGHMAN and HAMILTON) 1937, 16, 103  —, magnesium metabolism (Bulger and Gaus- MANN) 1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD) 1935, 14, 220	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941  Blood volume (TURNER)  1931, 10, 111  Clinical and physiologic data (TURNER)  1931, 10, 61  Cystine content of finger nails (PAYNE and PERLZWEIG)  1933, 12, 899
— in kidney disease (HIGHMAN and HAMILTON) 1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN) 1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD) 1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evi-	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941  Blood volume (TURNER) 1931, 10, 111  Clinical and physiologic data (TURNER) 1931, 10, 61  Cystine content of finger nails (PAYNE and PERL- zweig) 1933, 12, 899  Developing on a well-balanced diet (SPIES and
<ul> <li>in kidney disease (HIGHMAN and HAMILTON)</li></ul>	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERL-ZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941  Blood volume (TURNER) 1931, 10, 111  Clinical and physiologic data (TURNER) 1931, 10, 61  Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899  Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669  Etiological relationship between pernicious anemia
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (Bulger and Gausmann)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabo-	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERL-ZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS,
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT,	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER)  1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229  — of severe alcoholism to (SPIES and DEWOLF)  1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT, and CASTLEMAN)  1937, 16, 203	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT, and CASTLEMAN)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, co-	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT, and CASTLEMAN)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (COPE and DONALDSON)  1937, 16, 329	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract adminis-
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT, and CASTLEMAN)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (COPE and DONALDSON)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT, and CASTLEMAN)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (COPE and DONALDSON)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (Aub, Albright, Bauer, and Rossmeisl)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (ALBRIGHT and SULKOWITCH)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, ALBRIGHT, and CASTLEMAN)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (COPE and DONALDSON)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (AUB, ALBRIGHT, BAUER, and ROSSMEISL)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER) 1931, 10, 71 — calcium and phosphorus (TURNER)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (BULGER and GAUSMANN)  1933, 12, 1135  —, metabolic criteria (ROBBINS and KYDD)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (BASSETT)  1932, 11, *816  —, rickets and (HAMILTON and SCHWARTZ)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (Albright and Sulkowitch)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (DRAKE, Albright, and CASTLEMAN)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (COPE and DONALDSON)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (Aub, Albright, Bauer, and Rossmeisl)  1932, 11, 211  —, chronic (SALTER and TIBBETTS)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER) 1931, 10, 71 — calcium and phosphorus (TURNER)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (Bulger and Gausmann)  1933, 12, 1135  —, metabolic criteria (Robbins and Kydd)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (Bassett)  1932, 11, *816  —, rickets and (Hamilton and Schwartz)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (Albright and Sulkowitch)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (Drake, Albright, and Castleman)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (Cope and Donaldson)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (Aub, Albright, Bauer, and Rossmeisl)  1932, 11, 211  —, chronic (Salter and Tibbetts)	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER) 1931, 10, 71 — calcium and phosphorus (TURNER) 1931, 10, 87 — electrolytes and acid-base equilibrium (TUR-
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (Bulger and Gausmann)  1933, 12, 1135  —, metabolic criteria (Robbins and Kydd)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (Bassett)  1932, 11, *816  —, rickets and (Hamilton and Schwartz)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (Albright and Sulkowitch)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (Drake, Albright, and Castleman)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (Cope and Donaldson)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (Aub, Albright, Bauer, and Rossmeisl)  1932, 11, 211  —, chronic (Salter and Tibbetts)  1937, 16, *679  —, effect of dihydrotachysterol and vitamin D on	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER) 1931, 10, 71 — calcium and phosphorus (TURNER) 1931, 10, 87 — electrolytes and acid-base equilibrium (TURNER)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (Bulger and Gausmann)  1933, 12, 1135  —, metabolic criteria (Robbins and Kydd)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (Bassett)  1932, 11, *816  —, rickets and (Hamilton and Schwartz)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (Albright and Sulkowitch)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (Drake, Albright, and Castleman)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (Cope and Donaldson)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (Aub, Albright, Bauer, and Rossmeisl)  1937, 16, *679  —, effect of dihydrotachysterol and vitamin D on calcium and phosphorus metabolism in (Al-	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER) 1931, 10, 71 — calcium and phosphorus (TURNER) 1931, 10, 87 — electrolytes and acid-base equilibrium (TURNER) 1931, 10, 99 Sunlight in relation to lesions (RUFFIN and SMITH)
— in kidney disease (HIGHMAN and HAMILTON)  1937, 16, 103  —, magnesium metabolism (Bulger and Gausmann)  1933, 12, 1135  —, metabolic criteria (Robbins and Kydd)  1935, 14, 220  — (osteitis fibrosa cystica) showing metabolic evidence of spontaneous healing (Bassett)  1932, 11, *816  —, rickets and (Hamilton and Schwartz)  1932, 11, *817  —, secondary, calcium and phosphorus metabolism in rickets in (Albright and Sulkowitch)  1938, 17, *525  Hyperplasia produced by parenteral phosphate administration in rabbits (Drake, Albright, and Castleman)  1937, 16, 203  Hypoparathyroidism and hyperthyroidism, coexistent, calcium and phosphorus metabolism in (Cope and Donaldson)  1937, 16, 329  — and steatorrhea; therapeutic effect of thyroid (Aub, Albright, Bauer, and Rossmeisl)  1932, 11, 211  —, chronic (Salter and Tibbetts)  1937, 16, *679  —, effect of dihydrotachysterol and vitamin D on	Pellagra: Anemia of (SPIES and CHINN)  1935, 14, 941 Blood volume (TURNER) 1931, 10, 111 Clinical and physiologic data (TURNER) 1931, 10, 61 Cystine content of finger nails (PAYNE and PERLZWEIG) 1933, 12, 899 Developing on a well-balanced diet (SPIES and CHINN) 1937, 16, *669 Etiological relationship between pernicious anemia and (SPIES and PAYNE) 1933, 12, 229 — of severe alcoholism to (SPIES and DEWOLF) 1933, 12, *991 Fluorescence of skin in, as protective mechanism (TURNER) 1930, 9, *32 Nicotinic acid effect on (RUFFIN, MARGOLIS, MARGOLIS, SMITH, and SMITH) 1938, 17, *529 — in prevention (SPIES and BEAN) 1938, 17, *504 Prevention by parenteral liver extract administration (CHINN and SPIES) 1935, 14, *699 Serum albumin and globulin (TURNER) 1931, 10, 71 — calcium and phosphorus (TURNER) 1931, 10, 87 — electrolytes and acid-base equilibrium (TURNER)

Pellagra—continued:	Phlorizin—continued:
— with liver extracts (SMITH and RUFFIN)	Effects of oral administration (GOLDRING)
1933 <b>, 12, *</b> 963	1934, 13, 749
Two factors necessary for successful treatment	Phlorizinized man, excretion of inulin, xylose, and
(Ruffin, Persons, Harvey, and Smith)	urea by normal and (SHANNON and SMITH)
193 <b>7, 16, *</b> 663	1935, 14, 393
Pentosuria: Utilization of carbohydrates (RABINO-	Phosphatase: See Blood plasma; Blood serum; Bone;
WITCH) 1926, 2, 457	Cancer; Jaundice; Liver; Prostate
Pepsin: See Stomach	Phosphate: Administration, parenteral, producing
Peptic ulcer: See Stomach, ulcer	parathyroid hyperplasia in rabbits (DRAKE,
Pericarditis: See Heart	Albright, and Castleman) 1937, 16, 203
Peritoneum: Cavity, systemic effect of bile (Broun	Effects on magnesium and calcium excretion (TIB-
and Briggs) 1929, 7, *506	BETTS and AUB) 1937, 16, 491
Pernicious anemia: See Anemia, pernicious	Ingestion, effect in clinical hyperparathyroidism
Perspiration: Insensible, effect of fever on basal	(Albright and Cockrill) 1931, 10, *653
metabolism, skin temperature and, of child	Solutions, effect of intravenously injected, on blood
(TALBOT) 1927, 4, *428	and urine phosphorus (SCHULZ and KEITH)
Pertussis: Complement fixation tests in (WEICHSEL	1927, 4, *450
and Douglas) 1937, 16, 15	See also Calcium and phosphorus metabolism;
Effect of immune blood on opsono-cytophagic	Parathyroid; Rickets; Vitamin D; etc.
power of blood (Bradford, Mikell, and Sla-	Phosphocreatine metabolism: And creatinuria, rela-
VIN) 1937, 16, 829	tion of fat oxidation (LOEBEL) 1934, 13, *713
Etiology (SHIBLEY) 1934, 13, *719	Phosphorus: Action of parathyroid extract on renal
Opsono-cytophagic reaction of blood (BRADFORD	threshold (ELLSWORTH) 1932, 11, 1011
and SLAVIN) 1937, 16, 825  — test in children with, and children vaccinated	Distribution in blood plasma and cells in intesti-
with H. pertussis antigens (SINGER-BROOKS and	nal obstruction (Guest and Andrus) 1931, 10, *164
MILLER) 1937, 16, 749	Metabolism in periodic family paralysis (MIL-
Resistance in newborn infants following maternal	HORAT) 1937, 16, *676
immunization during pregnancy (LICHTY, SLA-	Photoelectric method: For measurement of red blood
vin, and Bradford) 1938, 17, 613	cells and hemoglobin (CHRISTIE and EVELYN)
Pharyngitis: Herpetic, and stomatitis (Long)	1934, 13, *704
1933, 12, 1119	Pigeons: Response obtained in, to administration
Phenol: Influence of ethyl alcohol upon gastric	of substances effective in pernicious anemia
absorption of, in rabbits (DUNN and PERLEY)	(VAUGHAN, MULLER, and MINOT) 1930, 9, *3
1931, <b>10</b> , *173	Pineal gland: Rôle in growth and development
Phenol red: Clearance (GOLDRING, CLARKE, and	(ROWNTREE, CLARK, STEINBERG, EINHORN, and
SMITH) 1936, <b>15</b> , 221	Hanson) 1936, 15, *468
Phenylethylhydantoin sickness: Water, electrolytes,	Pituitary: Acromegaly and osteoporosis, calcium and
and heat during (ROCKWELL) 1935, 14, 202	phosphorus metabolism in (SCRIVER and BRYAN)
Phenylhydrazine: Derivatives, anemia produced by	1935, 14, 212
(Long) 1926, 2, 329	Anterior, relation to liver glycogen (Churchill)
— in polycythemia (Long) 1926, 2, 315	1936, <b>15</b> , *454
Hydrochloride, complete remission of polycythe-	Antidiuresis and forced water drinking in epileptic
mia vera following prolonged administration of	children (McQuarrie and Peeler)
(GIFFIN and ALLEN) 1932, 11, *841	1931, 10, 915
Prolonged treatment of polycythemia vera with	— in epilepsy (McQuarrie and Peeler)
(Allen and Giffin) 1932, 11, *855	1931, 10, *654
Reduction of hypercalcemia in cases of polycy- themia vera by (Brown and Roth)	Basophilic adenoma, magnesium metabolism in
1928, <b>6</b> , 159	(TIBBETTS and AUB) 1937, 16, 511
Treatment of polycythemia vera by (Brown and	Basophilism, calcium, phosphorus, and energy ex-
Giffin) 1926, 2, *606	change in (FREYBERG, NEWBURGH, BARKER,
Untoward effects of, in polycythemia vera (GIF-	GRANT, and COLLER) 1935, 14, *719
FIN and CONNER) 1929, 7, *310	Blood formation (MEYER, THEWLIS, and RUSCH)
Phlorizin: Action on excretion of glucose, xylose,	1938, 17, *519
sucrose, creatinine, and urea (CHASIS, JOLLIFFE,	Diabetes, experimental, insulin response in (Do-
and SMITH) 1933, 12, 1083	HAN and LUKENS) 1938, 17, *530
Diabetes (RICHARDSON and SHORR)	Disease and brain stem disease, blood lipoids in
1927. 4. *438	(GILDEA, MAN, and PETERS) 1938, 17, *509

Pituitary—continued:	
-, circulation rate in thyroid disease and in	
(MACY, CLAIBORNE, and HURXTHAL)	
1936, <b>15</b> , 37	
—, specific dynamic action of protein (Johnston)	
1932, 11, 437	
Dwarfism following administration of anterior	
pituitary growth hormone after thyroid ther-	
apy, metabolic changes produced by (Greene,	
Happen I proven and Cappens 1029 17 *526	
HARRIS, LEVINE, and GIBSON) 1938, 17, *526	
Extract, action on heart of unanesthetized dog	
(RESNIK and GEILING) 1925, 1, 217	
-, gonadotropic anterior, use in women who flow	
without premenstrual endometrium (SEVRING-	
HAUS, CAMPBELL, and HISAW) 1935, 14, *703	
Gonadotropic hormones from urine, factors influ-	
encing concentration (SULKOWITCH and AL-	
BRIGHT) 1936, 15, *474	
Parathyrotropic substance in urine of patients	
with hyperparathyroidism due to diffuse hyper-	
plasia (Hertz) 1934, 13, *698	
Relation to blood serum amylase in dogs (COPE,	
HAGSTRÖMER, and BLATT) 1938, 17, *527  — to hematopoiesis (MEYER, STEWART, and RUSCH) 1936, 15, *457	
Rusch 1036 15 *457	
Tartrate, action on heart of unanesthetized dog	
(Geiling and Resnik) 1925, 1, 239	
Thyrotropic hormone in urine in health and dis-	
ease (STARR and RAWSON) 1937, 16, *657  —, influence of castration on stimulation of	
——, influence of castration on stimulation of	
thyroid by (STARR) 1935, 14, *721	
Pituitrin: Influence of adrenalin and, on insulin	
(FITZ and BLOTNER) 1927, 4, *445	
Insulin and adrenalin, effect on blood-sugar level	
(BLOTNER and Fitz) 1927, 5, 51	
Placenta: Interchange; concentration of nitrogenous	
substances before and after passage through	
placenta (Pommerenke) 1936, 15, 485	
—, total base concentration of fetal and maternal	
blood in parturition (THOMPSON and POMME-	
RENKE) 1938, 17, 609	
Rôle in icterus neonatorum (GOTTLIEB and	
KEARNS) 1931, 10, 319	
Plasma: See Blood plasma	
Plethora: Experimental, study of serological reac-	
tions associated with plethoric anemia and	
(Julianelle and Pons) 1925, 1, 519	
Pneumococcus: Antibody absorption in normals	
after antipneumococcus serum injection (FIN-	
Antippeumococcus rabbit sorum as a labor must	
Antipneumococcus rabbit serum as a lobar pneu-	
monia therapeutic agent (Horsfall, Goodner,	
MacLeod, and Harris) 1937, 16, *661	
Carbohydrates, antibody response to intracuta-	
neous injections (FINLAND and DOWLING)	
1934, 13, *702	]
— of Types III and VIII, immunization with	
(FINLAND and RUEGSEGGER) 1935, 14, 829	1
Carriers, canine, pulmonary lesions in infacted	

with distemper (SUTLIFF)

1938, 17, \*523

```
Pneumococcus—continued:
  Cutaneous reactions in pneumonia to somatic
    ("C") polysaccharide of (Francis and Aber-
                                   1934, 13, *692
    NETHY)
  Development of agglutinins and protective anti-
    bodies in rabbits following inhalation of (STILL-
                                    1927, 4, *448
    MAN)
  Infections, antibody response (FINLAND and
                                   1933, 12, *972
    Winkler)
  - in families (TILGHMAN and FINLAND)
                                   1936, 15, *471
                                   1936, 15, 493
    —; type-specific antibodies in healthy con-
    tact carriers (FINLAND and TILGHMAN)
                                    1936, 15, 501
 - in human culture marrow, effects of sulfanil-
   amide and antipneumococcus serum (Osgood
                                   1938, 17, *502
   and Brownlee)
  Natural immunity (SUTLIFF, FINLAND, and JACK-
                                   1931, 10, *660
 Newly classified types of (Cooper), antibody re-
   sponse to infections with (WINKLER and FIN-
                                    1934, 13, 109
 Pneumococcidal power of whole blood in lobar
   pneumonia (SUTLIFF and RHOADES)
                                      1930, 9, 55
        - — — in normals (SUTLIFF and RHOADES)
                                      1930, 9, 43
 Polysaccharides, reactions to injection of purified
   type specific (FINLAND and BROWN)
                                    1938, 17, 479
 —, skin test and control of serum dosage in pneu-
   monia (MacLeod, Hoagland, and Beeson)
 Transformation and dissociation (DAWSON)
```

1938, **17**, 739 Serological reactions in pneumonia with nonpro-

tein somatic fraction (TILLETT and FRANCIS) 1930, **9**, \*11

1933, 12, \*978

Types II and V, antibody response to infections with (FINLAND and WINKLER) 1934, **13**, 97 Types III and VIII, antibody response to infections with (FINLAND and WINKLER)

1934, 13, 79 Type VIII, specific carbohydrates of, influence of injection route on antibody response (Rueg-SEGGER and FINLAND) 1935, 14, 833 --, - soluble substance of immunization with

(FINLAND and RUEGSEGGER) 1935, 14, \*700 Type XIV, serum treatment of pneumonia due to (Bullowa) 1935, 14, 373

Typing, Neufeld method in Public Health Laboratory (BECKLER and MACLEOD) 1934, 13, 901 Variants in lobar pneumonia (PAUL and LAW-RENCE) 1933, 12, \*986

Pneumoconiosis: Pulmonary capacity in (HURTADO, FRAY, and McCann) 1933, 12, 833 Pneumonia: And influenza, skin tests of pneumo-

coccus and B. influenzae antigens in (Poole, BUMSTEAD, and BLAKE) 1929, 7, \*519

P	neumonia—continued:	Pneumonia—continued:
-	Anoxemia in, and its relief by oxygen inhalation	Skin reactions to somatic ("C") polysaccharide of
	(BINGER) 1928, 6, 203	pneumococcus (FRANCIS and ABERNETHY)
	—, relation to type of breathing in (BINGER and	1934, 13, *692
	Davis) 1928, 6, 171	Streptococcus, hemolytic, serum treatment (Amoss
	Blood reaction and blood gases in (HASTINGS,	and CRAVEN) 1933, 12, 885
	Neill, Morgan, and Binger) 1924, 1, 25	Type specific skin test in serum treatment, sig-
	— serum electrolytes in (ATCHLEY and BENEDICT)	nificance (FRANCIS and TILLETT)
	1930, 9, 265	1931, 10, *659
	Broncho, in cows, blood composition in (HORVATH	Urinary electrolyte excretion in (Austin and
	and LITTLE) 1928, 5, 541	Sunderman) 1929, 7, 333
	Cardiac output in, in dog (HARRISON and BLA-	Pneumonia, lobar: Antibodies, protective, following
	LOCK) 1926, 2, 435	injection of pneumococcus vaccine in (BARACH)
	Chloride and nitrogen balances and weight changes	1930, 9, *24
	(Sunderman) 1929, 7, 313	Antipneumococcus rabbit serum as therapeutic
	— balance (Austin and Sunderman)	agent (Horsfall, Goodner, MacLeod, and
	1929, 7, *504	HARRIS) 1937, 16, *661
	Experimental, in mice, following inhalation of	Blood plasma protein changes and stability of
	Streptococcus hemolyticus and of Friedlander	blood (Moen and Reimann) 1933, 12, 589
	bacillus (Stillman and Branch) 1925, 1, *570	Changes in serum freezing point and in con-
	—, increased elastic tension of lung in (VAN	centration of serum electrolytes during (SUN-
	Allen and Wu) 1932, 11, 589	DERMAN, CAMACK, and Austin) 1926, 2, *603
	Fusospirochetal (FIELD) 1934, 13, *707	Circulating antipneumococcal immune substances,
	Heterophile antibodies (FINLAND, RUEGSEGGER,	acquired, in course of (ROBERTSON, GRAESER,
	and Felton) 1935, 14, 683	Coggeshall, and Harrison) 1934, 13, 633
	Influenzal, epidemic, isolated case of (FROTHING-	———, injected, in course of (ROBERTSON,
	нам) 1926, 2, *602	GRAESER, COGGESHALL, and SIA)
	Kidney function (McIntosh and Reimann)	1934, 13, 649
	1926, 3, 123	———, natural, in course of (ROBERTSON,
	Lobar. See also Pneumonia, lobar; Pneumonia,	GRAESER, COGGESHALL, and HARRISON)
	pneumococcus	1934, 13, 621
	Metabolism of chloride and total fixed base in,	Circulation in, with special reference to pulmon-
	and relation to salt and water retention (WILDER	ary edema (HITZIG, KING, BULLOWA, and FISH-
	and Drake) 1929, 7, 353	BERG) 1936, <b>15</b> , *452
	Morphine, effect on respiration (DAVIS)	Concentration of serum electrolytes and non-
	1928, <b>6</b> , 187	electrolytes during (SUNDERMAN, AUSTIN, and
	Pneumococcus, in children; mortality, blood cul-	CAMACK) 1926, 3, 37
	tures, and humoral antibodies (TRASK, O'DONO-	Electrocardiographic study of (DEGRAFF, TRA-
	VAN, MOORE, and BEEBE) 1930, 8, 623	VELL, and YAGER) 1931, 10, 633
	— lobar, alterations in liver function as index of	Evaporation of body water (Anderson)
	toxemia in (HARRIS) 1926, 2, *602	1938, 17, 331
	—, relation of recovery and of humoral immunity	Experimental, in dog (TERRELL, ROBERTSON, and
	in children (O'Donovan and Trask)	Coggeshall) 1931, 10, *659
	1929, <b>7</b> , <b>*</b> 522	- pneumococcus in dog; method of production
	-, serum dosage control with specific polysaccha-	(Terrell, Robertson, and Coggeshall)
	rides skin test (MACLEOD, HOAGLAND, and	1933, 12, 393
	BEESON) 1938, 17, 739	———, pathogenesis (ROBERTSON, COGGES-
	-, Type II, specific treatment of (BALDWIN,	HALL, and TERRELL) 1933, 12, 467
	SUTLIFF, and CECIL) 1927, 4, *447	———, pathology (Robertson, Coggeshall,
	-, Type V, therapeutic serum for (Bullowa and	and TERRELL) 1933, 12, 433
	WILCOX) 1936, 15, 711	Icteric index (Shibley and Waddell) 1935, 14, *721
	—, Type XIV and serum treatment (Bullowa)	Macrophage system of lungs in, changes occurring
	1935, 14, 373	in (Robertson and Uhley) 1936, 15, 115
	—See also Pneumonia, lobar Pneumothorax, artificial, effect upon anoxemia of	Nonspecific versus specific serum treatment (Fin-
	(Goldstein, Block, and Rosenblüth)	LAND, SUTLIFF, and NYE) 1932, 11, *832
	1938, 17, 659	Occurrence of pneumococcus variants (PAUL and
	Serological reactions in, with nonprotein somatic	LAWRENCE) 1933, 12, *986
	fraction of pneumococcus (TILLETT and FRAN-	Pneumococcidal power of whole blood (SUTLIFF
	traction of phenimococcus criteria and rean-	Incumococcida power or whole blees (see ====

Pneumonia, lobar—continued:	Polycythemia vera—continued:
promoting properties in serum of Type I, fol-	— by phenylhydrazine in (Brown and Giffin)
lowing immune serum therapy (ROBERTSON and	1926, 2, *606
SIA) 1928, 6, *9	— with potassium arsenite (FORKNER) 1932, 11, *807
Pneumococcus, alterations in liver function as in-	Untoward effects of phenylhydrazine in (GIFFIN
dex of toxemia (HARRIS) 1927, 4, 211	and Conner) 1929, 7, *310
Renal physiology (FARR and ABERNETHY)	Venesection and therapeutic effect (STEPHENS and
1936, <b>15</b> , <b>*4</b> 58 1937, <b>16</b> , <b>4</b> 21	KALTREIDER) 1936, 15, *468
Total base and protein content of serum (SUNDER-	Porphyrins: Coproporphyrin I excretion following
MAN) 1931, 9, 615	hemorrhage in dogs (DOBRINER and RHOADS)
Type II, carrier condition associated with, in a	1938, 17, 105
camp (HARRIS and INGRAHAM) 1937, 16, 41	—— from feces of untreated cases of pernicious
Urine sediment count and urea clearance test	anemia (WATSON) 1935, <b>14</b> , 116
(Goldring) 1931, 10, 355	—— from urine in case of cincophen cirrhosis
Whole blood immunity in (CECIL, RHOADES, and	(WATSON) 1935, <b>14</b> , 106
Sutliff) 1928, <b>6</b> , *22	— of urine and feces in normal and pathological
Pneumothorax: Artificial, coronary air embolism in	conditions (WATSON) 1936, <b>15</b> , *456
(Durant) 1935, 14, *722	Excretion in aplastic anemia (Dobriner, Rhoads,
—, effect upon anoxemia of pneumonia (Gold-	and Hummel) 1938, 17, 125
stein, Block, and Rosenblüth) 1938, <b>17</b> , 659	Hitherto undescribed, occurring with increased
Unilateral, cardiac output in relation to (Cour-	amount of coproporphyrin I in feces in familial
NAND, BRYAN, and RICHARDS) 1935, 14, 181	hemolytic jaundice (WATSON) 1935, 14, 110
Poisoning: Oxygen (BINGER, FAULKNER, and	In congenital porphyria (Dobriner, Strain,
MOORE) 1926, 2, *610	Guild, and Localio) 1938, 17, 761
White snake root, metabolic disturbances (Bul-	Of feces (WATSON) 1937, 16, 383
GER, SMITH, and BARR) 1928, 6, *12	Porphyrinuria, nicotinic acid in prevention (SPIES
Poliomyelitis: Neutralization tests (BRODIE, FIS-	and BEAN) 1938, 17, *504
CHER, and STILLERMAN) 1937, 16, 447 Polycythemia vera: Blood serum calcium (BENEDICT	Urinary, in lead poisoning (WATSON) 1936, 15, 327
and Turner) 1930, 9, 263	Porto Rican: Immigrants, rheumatic fever in adult
Circulation rate in anemia and (BLUMGART, GAR-	(Boas) 1931, 10, *678
GILL, and GILLIGAN) 1931, 9, 679	Posture: And exercise, effects on urea excretion
Complete remission following prolonged adminis-	(VAN SLYKE, ALVING, and Rose)
tration of phenylhydrazine hydrochloride (GIF-	1932, 11, 1053
FIN and ALLEN) 1932, 11, *841	And orthopnea, effect on circulation rate (FIELD
Electrolyte, metabolism during treatment (BAS-	and Bock) 1925, 2, 67
SETT, KILLIP, and McCANN) 1931, 10, 771	Changes in blood and circulation with changes in
Endogenous, uric acid metabolism (SHELBURNE	(YOUMANS, AKEROYD, and FRANK)
and Hanzal) 1932, 11, *865	1935, <b>14</b> , 739
Hyperglycemia in (Brown and Roтн)	Effect on composition and volume of blood in man
1928, 6, *13	(Thompson, Thompson, and Dailey)
Measurements on skin capillaries (Brown and	1928, <b>5</b> , 573
SHEARD) 1926, 2, 423	- on serum protein and colloid osmotic pressure
Mineral metabolism during treatment (BASSETT	of blood from foot in relation to edema (You-
and McCann) 1931, 10, *658	MANS, WELLS, DONLEY, and MILLER)
Oxygen consumption and nitrogen metabolism in (BARER, PAUL, and BALDRIDGE) 1934, 13, 15	1933, 12, *965
Phenylhydrazine derivatives in treatment (Long)	1934, 13, 447 — on velocity of blood flow in man (Тномром,
1926, <b>2</b> , 315	ALPER, and THOMPSON) 1928, 5, 605
Prolonged treatment with phenylhydrazine (AL-	In normal young women, venous pressure and
LEN and GIFFIN) 1932, 11, *855	(McIntire and Turner) 1935, 14, 16
Pulmonary gas diffusion in (HARROP and HEATH)	Pulmonary capacity with changes in (HURTADO
1927, 4, 53	and FRAY) 1933, 12, 825
Reduction of hypercalcemia in cases of, by phenyl-	Recumbent positions, tolerance of certain cardiac
hydrazine (Brown and Roth) 1928, 6, 159	patients for (Wood and Wolferth)
Studies of vascular features of (Brown and	1936, 15, *459
GIFFIN) 1925, 1, *585	Relation of changes of, to changes of blood velocity
Treatment by iron deficiency (DAMESHEK and HENSTELL) 1937, 16, *683	and blood volume flow (Bock, Dill, and Education 1939 2 533
HENSTELL) 1937, 16, *683	wards) 1930, <b>8</b> , 533

Posture—continued:	Pregnancy—continued:
Variations in blood flow with changes in (LAW-	Corpus luteum hormone in (Browne, Henry, and
RENCE, HURXTHAL, and BOCK) 1927, 3, 613	VENNING) 1937, 16, *678
Potassium: And sodium content of muscle tissue in relation to muscle edema fluid and serum protein	Electrolyte studies, total and hydrogen ion con-
in experimental nutritional edema (McClure	centration in normal and abnormal (PETERS and KYDD) 1930, 9, *14
and Hinman) 1937, 16, 351	Hypertension and water retention (STRAUSS)
metabolism in normals and nephritis (MAC-	1938, 17, *509
KAY and BUTLER) 1935, 14, 923	Normal, basal metabolism and specific dynamic
Content of cardiac muscle in dogs, effect of digi-	action of foodstuffs (Dunn and Wyandt)
talis (Calhoun and Harrison) 1931, 10, 139	1931, 10, *175
———— in heart disease, effect of overwork (CALHOUN, CULLEN, CLARKE, and HARRISON)	Nutritional deficiency and water retention in toxemias of (STRAUSS) 1935, 14, *710
1930, 9, 393	Parathyroid hormone in blood (HAMILTON, DASEF,
— of certain tissues following administration of	Highman, and Schwartz) 1936, 15, 323
dibasic potassium phosphate in cardiac failure	Parturition and puerperium, serum calcium, pro-
(Calhoun, Cullen, Clarke, and Harrison)	tein and inorganic phosphorus during (OBERST
1930, <b>9</b> , 693	and PLASS) 1932, 11, 123
— of skeletal and cardiac muscle in heart failure	Pertussis immunity in newborn infants following
(Harrison, Pilcher, and Ewing) 1930, <b>8</b> , 325	maternal immunization during (LICHTY, SLA- VIN, and BRADFORD) 1938, 17, 613
—————, relation of edema and fatigue	VIN, and BRADFORD) 1938, 17, 613 Sedimentation rate and electrolyte balance of red
(HARRISON, CALHOUN, CULLEN, and PILCHER)	cells (Monaghan, Wegner, and White)
1930, <b>9, *</b> 8	1936, <b>15</b> , 313
— — muscle in heart disease, effect of overwork	Serum calcium and phosphorus during, body
on (Calhoun, Cullen, and Harrison)	stores as shown by ash of rats (MULL)
1930, 9, 405  — — — obtained by biopsy in circulatory fail-	1936, 15, 515 ————, effect on fetal circulation (MULL)
ure (PILCHER, CALHOUN, CULLEN, and HARRI-	1936, <b>15</b> , 513
son) 1930, 9, 191	Toxemias of, effect on renal function (ELDEN,
Excretion of sodium, chlorine, and, during chloride	SINCLAIR, and ROGERS) 1936, 15, 317
concentration test of de Wesselow (LEITER)	——, production of symptoms by administration
1926, 3, 253	of sodium salts (STRAUSS) 1937, 16, *666
In cardiac muscle and presumable influence of	—, pathology (ZIMMERMAN and PETERS) 1937, 16, 397
beta radiation on rhythm (Scoтт) 1931, 10, 745	Toxemic and normal, urinary excretion of prolan,
In familial periodic paralysis (PUDENZ, MCIN-	estrin, and pregnandiol (BROWNE, HENRY, and
TOSH, and McEachern) 1938, 17, *530	VENNING) 1938, 17, *503
Pregnancy: And female sex hormone, effect on	Urea clearance, increased, in normals (NICE)
syphilis in animals (KEMP) 1936, 15, *468	1935, 14, 575
Anemia, etiology and treatment (STRAUSS) 1932, 11, *809	— — test in toxemias of (Hurwitz and Ohler) 1932, 11, 1119
—, macrocytic with vitamin B deficiency (Elsom)	With vitamin B deficiency, chronaximetric exami-
1936, <b>15</b> , *471	
1937 <b>, 16</b> , 463	nations in (Lewy) 1937, 16, 475  President's address: Clinical epidemiology (PAUL)
— of infancy from maternal iron deficiency in	1938, 17, *539
(STRAUSS) 1933, 12, 345 Blood lipemia (BOYD) 1934, 13, 347	Malaria: treatment of general paralysis by inoculation with malaria plasmodia (BASS) 1926, 2, 594
Blood lipemia (BOYD) 1934, 13, 347 Calcium and phosphorus excretion in, on low cal-	Pressor: Drugs and kidney extracts, effects on blood
cium diet (BAUER, ALBRIGHT, and AUB)	pressure and skin temperature (LANDIS, MONT-
1929, 7, 75	GOMERY, and SPARKMAN) 1938, 17, 189
—, filtrable serum, in the newborn and in (An-	Effects of renal extracts of normal dogs and of
DERSCH and OBERST) 1936, 15, 131	dogs with experimental renal hypertension (Harrison, Blalock, Mason, and Williams)
—, phosphorus, and vitamin D in (NICHOLAS and KUHN) 1932, 11, 1313	1937, 16, *658
Circulation during and after (Burwell and	Substance found in body fluids (PAGE)
STRAYHORN) 1933, 12, *977	1934, <b>13</b> , *703
— rate (Сонем and Thomson) 1936, 15, 607	Prostate: Carcinoma, metastasizing, serum "acid"
Complicated by congenital heart disease (HAMIL-	phosphatase in (Gutman and Gutman)
TON and PALMER) 1933, 12, *972	1938, <b>17</b> , 473

Prostigmin: Inhibition of choline-esterase in myasthenia gravis by (STADIE and JONES)  1938, 17, *536	Protein(s)—continued: ——of, in obesity (Du Bois, Spencer, Mc-CLELLAN, and FALK)  1929, 7, *499
Myasthenia gravis (GAMMON and SCHEIE) 1937, 16, *675	Therapy, nonspecific, in duodenal ulcer (Schiff and Norris) 1931, 10, *173
Protein(s): And carbohydrate, glycemic response to isoglucogenic quantities (CONN and NEWBURGH)  1936, 15, 665	—, unusual reactions (HENCH) 1930, 8, *670 Urinary (THOMAS) 1929, 7, *312 —, in orthostatic albuminuria (MARTIN)
Beef, digestion in human stomach (MALTBY) 1934, 13, 193	1935, 14, *711 —, sulphur content (GRABFIELD) 1935, 14, *716
Bence-Jones, excretion in nephrosis (Root and Hunt) 1933, 12, *987	Proteinuria: Mechanism (KEUTMANN and BASSETT) 1937, 16, 767
Content of cerebrospinal fluid in myxedema (Thompson, Thompson, Silveus, and Dailey)	Protozoa: Infections, contribution to chemotherapy of (BAEHR) 1925, 1, *572
1928, <b>6</b> , 251  — of subcutaneous edema fluid in heart disease	Psittacosis: Laboratory method for diagnosis (RIV- ERS and BERRY) 1932, 11, *812
(BRAMKAMP) 1935, 14, 34 Development of deficits in erythrocytes and hemo- globin in a diet deficient in (WEECH, WOLL-	Psychic sphere: Static and kinetic representations of the efferent system in the (HUNT)  1925, 1, *584
STEIN, and GOETTSCH) 1937, 16, 719	Psychoneuroses: Effect of mental content upon
Diet, high, effect on remaining kidney of rats (JACKSON and MOORE) 1928, 5, 415	respiratory tracing in (FINESINGER and COBB) 1937, 16, *669
—, —, in treatment of spontaneous hypoglycemia (CONN) 1936, 15, 673	— of painful stimulation (FINESINGER and COBB) 1938, 17, *508
—, low, liver damage incident to (BARKER) 1932, 11, *846	Heart rate, effect of adrenalin (COBB and FINE- SINGER) 1936, 15, *461
Dietary effect on urea clearance of children with nephrosis (FARR) 1936, 15, 703	Involutional states, use of follicular hormone in (Sevringhaus) 1932, 11, *864
Effect on carbohydrate tolerance in combined	Pulse: Wave velocity under varying conditions
pernicious anemia and diabetes mellitus (Jol- LIFFE, BRANDALEONE, and MOST)	(TURNER and HERRMANN) 1927, 4, *430  Purine: Base diuretics, effect of, upon coronary flow
1935, 14, 357	(GILBERT and FENN) 1928, 6, *20 Bases and amino acids, hyperplasia produced by
Entrance into joints (BENNETT and SHAFFER) 1938, 17, *535	(Cole, Womack, and Stone) 1930, 8, *672
In cerebrospinal fluid, influence of thyroid on con- centration (THOMPSON, THOMPSON, and DAILEY)	Purpura: Thrombocytopenic, vitamin C in treatment (MILLER and RHOADS) 1936, 15, *462
1931 <b>, 10, *</b> 684	X-ray effect on platelet production in (METTIER and STONE) 1935, 14, *710
Intake, influence on urea clearance in normals (Goldring, Razinsky, Greenblatt, and Co-	Pyelonephritis: And hypertension (Butler)
HEN) 1934, 13, 743  — lipid combinations in blood and body fluids,	1937, 16, 889 <b>Pylorus:</b> See Stomach
plasma and serum (Turner and Gibson)	Q
1932, 11, 735 Manner of removal from normal joints (SHORT,	Quinidine: Mechanism of death from, and method
Bennett, and Bauer) 1932, 11, *831	of resuscitation (Gordon, Matton, and Levine) 1925, 1, 497
Native, passage through normal gastro-intestinal wall (RATNER and GRUEHL) 1934, 13, 517	1925, 1, *591
Nonspecific, effect of injection on pain of peptic ulcer and on gastric secretion (VANZANT and	Vomiting induced by (ERNSTENE and LEWIS) 1932, 11, *826
Snell) 1932, 11, 647 Osmotic pressure, validity of rapid determinations	R
(Wells, Miller, and Drake) 1935, 14, 1	Radiation: And surface temperature (McClellan and Du Bois) 1931, 10, *665
Serum. See Blood serum Source of glucose to diabetic, advantage of (CONN	Stimulation of cold sensation by (HARDY and
and Newburgh) 1936, 15, *470 Specific dynamic action in pituitary disease (John-	Radium: Circulation rate, determination of; method
ston) 1932, 11, 437	of collecting active deposits of radium (BLUM-GART and WEISS) 1927, 4, 389
—— of carbohydrate and, after thyroid ablation (LANDOWNE) 1935, 14, 595	Salts in bones and their relation to calcium metabolism (Calhoun and Aub) 1937, 16, *664

Rattlesnake venom: Effect on blood sugar (Broun)	Respiration—continued:
Raynaud's disease: Explanation of different results	—, cause of, on mild exertion in cardiac disease (HARRISON, HARRISON, and CALHOUN)
after sympathetic denervation of upper and	1932, 11, *834
lower extremities (WHITE) 1935, 14, *697	-, effect of artificial stenosis upon, during exer-
Records: Analysis by code and punch card system	cise (HEWLETT, LEWIS, and FRANKLIN)
(LERMAN and MEANS) 1931, 10, *675	1925, 1, 483
Renal: See Kidney	— of circulatory failure and hyperthyroidism,
Respiration: And circulatory changes in impending	rôle of pulmonary circulation (ROBB and WEISS)
syncope (STARR and COLLINS) 1929, 7, *513	1932, 11, *823
Anoxemia, anginal syndrome induced by gradual	— of exertion, relation to oxygen saturation and
general (ROTHSCHILD and KISSIN) 1932, 11, *833	acid-base condition of blood (CULLEN, HARRI-
—, effect on auricles and auricular fibrillation	son, Calhoun, Wilkins, and Tims)
(Resnik) 1925, 2, 125	1931, 10, 807
—, — on cardiac conduction (RESNIK) 1925, 2, 93	Effect of lessened reserve on blood and circulation
1925, 2, 117	(LEMON) 1929, 7, *499
— in pneumonia and its relief by oxygen inhala-	— of painful stimulus on, in psychoneuroses (FINE-
tion (BINGER) 1928, 6, 203	SINGER and COBB) 1938, 17, *508
——, effect of artificial pneumothorax on	— of 10 commonly used drugs on (STARR, GAMBLE,
(Goldstein, Block, and Rosenblüth)	Margolies, Donal, Joseph, and Eagle)
1938, 17, 659	1937, <b>16</b> , 799
—, induced, pain in exercising skeletal muscle	Exchange in heart failure during and after exer-
during (Kissin) 1934, 13, 37	cise (HARRISON and PILCHER) 1930, 8, 291
—, mechanism whereby it causes an increased	Function in respiratory neuroses (CHRISTIE)
cardiac output (Robinson, Blalock, Harri-	1935, 14, *703
son, and Pilcher) 1927, 4, *430	Hyperventilation in hypertension (PROGER and
— of heart, electrocardiographic changes (Kountz	Ayman) 1933, 12, 335
and Gruber) 1930, 8, *664	Influence on venous pressure (MEYER and MID-
—, production of icterus in animals following	DLETON) 1929, 7, *303
(GOLDBLOOM and GOTTLIEB) 1930, <b>8</b> , 375	1929, 8, 1
-, relation to type of breathing in pneumonia	Inhalation effects of helium mixed with oxygen
(BINGER and DAVIS) 1928, 6, 171	on mechanics of (BARACH) 1935, 14, *697
—, respiratory responses to (BOCK, DILL, and ED-	1936, 15, 47
wards) 1931, <b>10</b> , *675	Measured effect of laparotomy (BEECHER)
Artificial, apparatus for prolonged administration;	1933, 12, 639
design for small children and infants (Shaw and	Measurements in newborn infants (MURPHY and
Drinker) 1929, <b>8</b> , 33	THORPE) 1931, 10, 545
—, — — — to adults and children (Drinker	Mechanism, postoperative disturbance in (Scott)
and Shaw) 1929, 7, 229	1932, 11, *827
Bronchi, method for demonstration of caliber	Metabolism of acid-fast bacteria (LOEBEL, SHORR,
changes in (Heinbecker) 1927, <b>4</b> , 459	and Richardson) 1932, 11, *839
Carbon dioxide oxygen inhalation, changes in	Orthopnea, cisternal pressure in heart failure and
retinal circulation and cerebrospinal fluid pres-	bearing on (HARRISON) 1933, 12, 1075
sure during (Совв and Fremont-Smith)	<ul> <li>, relation to increased venous pressure of myo- cardial failure (Ernstene and Blumgart)</li> </ul>
1931, <b>10</b> , *685	1929, <b>7</b> , *493
Cheyne-Stokes (Anthony, Cohn, and Steele)	—, — to peripheral venous pressure in absence of
1932, 11, 1321	congestive failure (FERRIS and McGuire)
Collateral, spontaneous reinflation of atelectatic	1937, 16, *683
pulmonary lobule by (VAN ALLEN and Soo)	-, - to ventilation, vital capacity, oxygen sat-
1933, 12, 171	uration, and acid-base condition of arterial and
—, transfer of air collaterally between pulmonary	jugular blood (Calhoun, Cullen, Harrison,
lobules (VAN ALLEN, LINDSKOG, and RICHTER)	WILKINS, and TIMS) 1931, 10, 833
1931, <b>10</b> , 559	Pneumonia, effect of morphine (DAVIS)
Dyspnea, action of aminophyllin (GREENE, PAUL,	1928, <b>6</b> , 187
and FELLER) 1937, 16, *667	Positive pressure, in treatment of pulmonary
-, cardiac; relative importance of chemical and	edema and respiratory obstruction (BARACH,
reflex control of respiration (HARRISON, CULLEN,	MARTIN, and ECKMAN) 1937, 16, *664
CALHOUN, WILKINS, and PILCHER)	—— oxygen inhalation, effect on pulmonary
1931, <b>10</b> , *673	edema (BARACH and MARTIN) 1936, 15, *466

Respiration—continued:	Reticulocytes: See Blood cells, red
Quiet, in closed circuit with progressively decreas-	Rheumatic fever: Activity, hemolytic streptococcus
ing oxygen concentrations: composition of ex-	strains, effective and non-effective, in initiating
pired air (RICHARDS, LASSEN, and COURNAND)	(COBURN and PAULI) 1935, 14, 755
1936, <b>15</b> , *458	Adult Porto Rican immigrants (BoAs) 1931, 10, *678
Rapid breathing, reflex versus chemical factors in production of, in heart failure (HARRISON, CAL-	Age susceptibility to familial infection (PAUL)
HOUN, CULLEN, WILKINS, and PILCHER)	1931, 10, 53
1932, 11, 133	Agglutinating properties of exudates (HITCHCOCK
Response during exercise in pulmonary fibrosis	and Swyrm) 1022 12 673
and emphysema (KALTREIDER and McCANN)	And scarlet fever (PAUL) 1934, 13, *693
1937, 16, 23	Antifibrinolytic properties in blood of patients
Tachypnea dependent on anoxemia (BINGER,	with, and in rheumatoid arthritis and bacterial
Brow, and Branch) 1924, 1, 155	endocarditis (WAALER) 1937, 16, 145
- without anoxemia (BINGER, BROW, and	Antihemolysin titers in respiratory infections and
Branch) 1924, 1, 127	relation to (Wilson, Wheeler, and Leask)
Tracing in psychoneurotic patients, effect of men-	1935, 14, 333
tal content on (FINESINGER and COBB) 1937, 16, *669	Antistreptolysin content of blood serum in rheu- matoid arthritis and (MYERS and KEEFER)
Respiratory exchange: And blood sugar curves in	1934, 13, 155
diabetics and normals following ingestion of	- rise in development of (COBURN and PAULI)
glucose (Rabinowitch) 1925, 2, 143	1935, 14, 769
Respiratory gases: Conductivity method, thermal,	— titer (LONGCOPE) 1936, 15, 277
adaptation to analysis of (LEDIG and LYMAN)	Ascorbic acid in, test of therapeutic action
1927, <b>4</b> , 495	(SCHULTZ) 1936, <b>15</b> , 385
Distribution in closed breathing circuit in normals	— — utilization (SENDROY and SCHULTZ)
(Lassen, Cournand, and Richards)	1936, 15, 369
1937, 16, 1	Bacteriological studies on (CECIL, NICHOLLS, and
———— in pulmonary fibrosis and emphy-	STAINSBY) 1930, 9, *12
sema (Cournand, Lassen, and Richards) 1937, 16, 9	Cells of rheumatic exudates (McEwen) 1935, 14, 190
In emphysematous subjects, unequal distribution	Chorea as manifestation of (BLAND and JONES)
(Cournand, Mansfield, and Richards)	1935, 14, *707
1938, 17, *536	Events preceding appearance (BLAND and JONES)
Respiratory infections: Acute, in Spitzbergen (SMIL-	1935, 14, 633
LIE, PAUL, and FREESE) 1932, 11, *833	Familial disease (WILSON and SCHWEITZER)
Cellular content of nasal secretions (Long, Bliss,	1937, 16, 555
and CARPENTER) 1933, 12, 1127	Fibrinolytic activity of hemolytic streptococcus,
Chronic, blood volume in (KALTREIDER, HUR-	resistance to, in rheumatoid arthritis and (My-
TADO, and BROOKS) 1934, 13, 999	ERS, KEEFER, and HOLMES) 1935, 14, 119
Nasal secretions (Long, Bliss, and Carpenter) 1933, 12, *965	Hemolytic streptococci, significance of, in pharyngeal flora during respiratory infections (WIL-
Relation to rheumatic fever in children, anti-	son, Ingerman, DuBois, and Spock)
hemolysin titers in respiratory infections in re-	1935, 14, 325
lation to rheumatic fever (WILSON, WHEELER,	Immunization of hemolytic streptococcus in rela-
and LEASK) 1935, 14, 333	tion to (COBURN and PAULI) 1935, 14, 763
—————, seasonal bacterial flora of throat	Infection in 2 ward cases (Boas and Schwartz)
(WHEELER, WILSON, and LEASK) 1935, 14, 345	1927, 4, *441
, significance of hemolytic strep-	Leukocytic curve as index of infection (SWIFT,
tococci in pharyngeal flora (WILSON, INGER-	MILLER, and Boots) 1924, 1, 197
MAN, DuBois, and Spock) 1935, 14, 325 Susceptibility of young rabbits to (KNEELAND and	Nonspecific protein shock, induced reappearance of clinical signs and symptoms (JONES and
Mulliken) 1938, 17, *523	BLAND) 1934, 13, *693
Upper, studies on experimental transmission	Pleural and pulmonary lesions (PAUL)
(Shibley, Dochez, and Mills) 1930, 9, *10	1928, <b>6</b> , *6
Respiratory quotient: See Metabolism	Prolonged auriculoventricular conduction (LEVY
Respiratory tract: Upper, flora of, in infants in first	and TURNER) 1928, 6, *8
year (KNEELAND and DOCHEZ) 1929, 7, *502	Relation to postscarlatinal arthritis and post-
Respired air: Effect on epileptic seizures of varying composition of (LENNOX) 1928, 6, *23	scarlatinal heart disease (PAUL, SALINGER, and ZUGER) 1934, 13, 503
1720, <b>0</b> , 23	ZUGER) 1934, 13, 503

Rheumatic fever—continued:	Roentgen rays—continued:
Scurvy, latent, etiologic factor in (SCHULTZ, SEN-	Roentgen shadow of elongated thoracic aorta
DROY, and SWIFT) 1935, 14, *698	(RÖSLER and WHITE) 1931, 10, *668
Seasonal bacterial flora of throat in (WHEELER, WILSON, and LEASE) 1935, 14, 345	— sickness: nicotinic acid in prevention (SPIES and BEAN) 1938, 17, *504
WILSON, and LEASK) 1935, 14, 345 Skin reactions to nucleoprotein of Streptococcus	and BEAN) 1938, 17, *504 Therapy, effects in rheumatic heart disease (LEVY
scarlatinae in rheumatoid arthritis and (MYERS,	and Golden) 1926, 2, *613
KEEFER, and OPPEL) 1933, 12, 279	
Sphygmographic differentiation of aortic insuffi-	S
ciency caused by syphilis and (FEIL)	Salicylate: Sodium, effect on intradermal reactions
1930, <b>8</b> , *664	of rabbits (HAGEBUSH and KINSELLA)
Splenectomy in relation to development (COBURN and PAULI) 1935, 14, 783	1930, 9, *33
Spread through families (PAUL and SALINGER)	—, excretion in bile (HALPERT, HANKE, and CUR-
1930, <b>9</b> , *10	TIS) 1930, 9, 359
1931 <b>, 10</b> , 33	Salt(s): Acid-producing, diuretic action (GAMBLE, BLACKFAN, and HAMILTON) 1925, 1, 359
Streptococcal agglutinins in (NICHOLLS and	Diabetic acidosis treatment with water and (KYDD)
STAINSBY) 1931, <b>10</b> , 337	1933, 12, 1169
—— in rheumatoid arthritis and in (KEEFER,	Inorganic, effect on salyrgan diuresis (Fulton,
MYERS, and OPPEL) 1933, 12, 267 Streptococcus immune bodies in control groups	ETHRIDGE, and Myers) 1935, 14, *715
and in (Mote and Jones) 1936, 15, *449	Metabolism of water and, in adrenal insufficiency
Subcutaneous nodules, artificial induction (MAS-	and partial starvation in rats (RUBIN and KRICK) 1936, 15, 685
SELL. MOTE. and IONES) 1937, 16, 125	Secretion, inorganic, physiological factors influ-
, induced and spontaneous, pathology of	encing (FARQUHARSON, SALTER, and AUB)
(Mote, Massell, and Jones) 1937, 16, 129	1928, 6, *6
Urea clearance test in (GOLDRING) 1931, 10, 345 Urine sediment count (GOLDRING and WYCKOFF)	Test, intradermal, in fever (Duden and BARR)
1930, 8, 569	1930, 8, 655
Ricinoleate: Sodium, in treatment of intestinal bac-	Salyrgan: Changes in plasma in normal and edema-
terial allergy (Dorst and Morris)	tous dogs following (FULTON, BRYAN, EVANS, and STEAD) 1934, 13, *708
1930, <b>8</b> , *668	Effect in enhancing action of ephedrine (JOHNSON
Rickets: And hyperparathyroidism (Hamilton and	and Young) 1932, 11, *860
SCHWARTZ) 1932, 11, *817	Urinary cast count during administration (Brown
Calcium in blood (Compere, McLean, and Hastings) 1934, 13, *687	and ENGELBACH) 1932, 11, *862
Healing of, coincident with low serum inorganic	See also Diuretics; Euphyllin and salyrgan
phosphorus (STEARNS and BOYD) 1931, 10, 591	Scaleniotomy: In surgical treatment of pulmonary tuberculosis (GALE and MIDDLETON)
Rachitic bone, composition (MARRIOTT, KRAMER,	1931, 10, *171
and Howland) 1925, 1, *580	Scarlet fever: And rheumatic fever (PAUL)
Secondary hyperparathyroidism in the disordered	1934, 13, *693
calcium and phosphorus metabolism in (AL- BRIGHT and SULKOWITCH) 1938, 17, *525	Antitoxin, amount required for cure (TRASK and
Roentgen rays: Biological effects of neutron rays	BLAKE) 1925, 1, *570
and (LAWRENCE and LAWRENCE)	Arthritis and heart disease following, relation of rheumatic fever to (PAUL, SALINGER, and ZU-
1936, <b>15</b> , *457	GER) 1934, 13, 503
Calcium and phosphorus balance following thera-	Blanching phenomenon (BIRKHAUG) 1925, 1, 273
peutic radiation of hyperplastic thyroid gland (HANSMAN and FRASER) 1938, 17, 543	Heart in (FAULKNER) 1934, 13, *712
Effect on platelet production in purpura hemor-	Heterologous (Trask and Blake) 1933, 12, *969
rhagica (METTIER and STONE) 1935, 14, *710	Immunization by intracutaneous injection of scar-
— on tumor growth (Brues and Marble)	latinal streptococcus toxin (KERN, CRUMP, and RODDY) 1937, 16, *671
1937, <b>16</b> , *676	RODDY) 1937, 16, *671 Infections with Streptococcus scarlatinae in persons
Experimental nephritis produced by (O'HARE,	with scarlatinal antitoxic immunity (NICHOLLS)
Altnow, Christian, and Calhoun) 1926, 2, *604	1926, 3, 411
Heart areas of dogs, technique for measuring	Post-scarlatinal immunity in patients treated with
x-ray photographs of (STEWART) 1927, 3, 475	antitoxin (DAVIES) 1926, 3, 423
Kymographic studies in myocardial infarction	Relation of specific toxemia of scarlet fever to the
(CRAWFORD and GUBNER) 1938, 17, *507	disease (Blake and Trask) 1926, 3, 397

Scarlet fever—continued:	Skin—continued:
Streptococcus antitoxin (MITCHELL, STEVENSON,	Dermatosis, passive transfer antibodies for 6 sapro
and Veldee) 1932, 11, *862	phytic fungi in (PERSONS and MARTIN)
Toxin, age and susceptibility of rabbits (TRASK)	1936, 15, 429
1931, <b>10</b> , *675	
	Distensibility, method for estimation and appli
—, amount of, in blood (TRASK) 1926, 3, 391	cation to study of vascular states (SODEMAN
Urine sediment count in (LYTTLE) 1933, 12, 95	and Burch) 1938, 17, 785
Schizophrenia: Lactic acid and glutathione content	Fluorescence in pellagra as protective mechanism
of blood (Looney and Childs) 1934, 13, 963	(Turner) 1930, 9, *32
Sclerodactylia: Circulatory insufficiency (Prinz-	Infra-red radiation, emission, reflection, and trans-
METAL) 1935, 14, *713	mission of, by (HARDY and MUSCHENHEIM)
Scurvy: Latent, etiologic factor in rheumatic fever	1934, 13, 817
(SCHULTZ, SENDROY, and SWIFT)	——, transmission through (HARDY and MU-
1935, 14, *698	ясненнеім) 1936, 15, 1
Sedimentation rate: A new procedure for deter-	Loss of minerals through, when sweating is
mining (Plass and Rourke) 1928, 5, 531	
	avoided (FREYBERG and GRANT) 1937, 16, 729
And plasma proteins (ROPES, ROSSMEISL, and	Respiration, effect of drugs on rate of carbon di
BAUER) 1938, 17, *520	oxide elimination and oxygen absorption (ERN
Angina pectoris and coronary thrombosis (RISE-	STENE and VOLK) 1932, 11, 383
MAN and Brown) 1937, 16, *673	—, — of venous congestion on rate of carbon
Arthritis (Oppel, Myers, and Keefer)	dioxide and oxygen absorption (Ernstene and
1933, <b>12</b> , 291	Volk) 1932, 11, 387
Clinical value (Howard and Mills)	-, rate of carbon dioxide elimination and oxygen
1931, <b>10</b> , *674	absorption in normals (ERNSTENE and VOLK)
Interpretation (PROSKOURIAKOFF and GORDON)	1032 11 363
1933, 12, *981	-, in skin diseases, (ERN
Method for correcting, for variations in percent-	STENE and Volk) 1932, 11, 377
age cell volume (ROURKE and ERNSTENE)	
	Surface temperature and radiation, instrument for
1930, <b>8</b> , 545	measuring (HARDY) 1934, 13, 593
Pregnancy, electrolyte balance of red cells and	Temperature and blood pressure, effects of pressor
(Monaghan, Wegner, and White)	drugs and saline kidney extracts on (LANDIS,
1936, <b>15</b> , 313	Montgomery, and Sparkman) 1938, 17, 189
Rheumatic carditis (COBURN and KAPP)	— changes following food digestion (Воотн,
1936, <b>15</b> , 715	STRANG, and Evans) 1934. 13. *686
Rheumatoid arthritis (STAINSBY and NICHOLLS)	Strang, and Evans) 1934, 13, *686 — in diabetes (Root) 1928, 6, *22
1933, <b>12</b> , 1041	— in myxedema and hyperthyroidism (Brown
Significance (HAM) 1937, 16, *681	and Feigenbaum) 1930, 8, *672
Various factors affecting (ROURKE and PLASS)	
1929, 7, 365	— of a child, effect of fever on basal metabolism,
Semen: In late syphilis, infectiousness of (KEMP)	insensible perspiration, and (TALBOT)
1938, <b>17</b> , *524	1927, 4, *428
Serum: See Blood serum	Tests. See also Anaphylaxis and allergy
Serum disease: See Anaphylaxis and allergy	Vessels in essential hypertension (STEELE and
	Kirk) 1934, 13, 895
Serum therapy: See Immunity	Sleep: Heart rate during (BoAs) 1930, 9, *30
Sex: Relation of plasma and total blood volume to	Studies in (Wolff and Gantt) 1931, 10, *676
age, physical measurements, venous pressure,	Smallpox: And vaccinia, complement fixation (PAR-
and blood velocity rate (GIBSON and EVANS)	
1937, 16, 317	
Shock: From hemorrhage, effect of total sympathec-	Soap: Action on animal organism (PAGE and ALLEN)
tomy (Freeman, Shaffer, Shecter, and Hol-	1931, 10, *176
LING) 1938, 17, 359	Sodium: And chloride ions, distribution between
Skin: As black-body radiator (HARDY)	cerebrospinal fluid and blood plasma and Don-
1934, 13, 615	nan membrane equilibrium (Fremont-Smith
Color analyzed by the spectrophotometer. Ap-	and Dailey) 1932, 11, *824
paratus and procedures (SHEARD and BRUN-	And potassium content of muscle tissue in relation
sting) 1929, 7, 559	to muscle edema fluid and serum protein in
————, rôle of pigmentation (BRUNSTING	experimental nutritional edema (McClure and
and SHEARD) 1929, 7, 575	
————,— of superficial blood (Brunsting	
and SHEARD) 1929, 7, 593	metabolism in normals and in nephritis
1727, 7, 393	(MACKAY and BUTLER) 1935, 14, 923

Sodium—continued:  Excretion of potassium, chlorine, and, during	Steatorrhea: Chronic, and hypoparathyroidism with tetany, therapeutic effect of thyroid (Aub,
chloride concentration test of de Wesselow	ALBRIGHT, BAUER, and ROSSMEISL)
(LEITER) 1926, 3, 253 Salts, production of symptoms of pregnancy	1932, 11, 211 Idiopathic, metabolic studies (BASSETT and KEUT-
toxemia by administration to pregnant women	MANN) 1937, 16, *665
with hypoproteinemia (STRAUSS)	Magnesium metabolism (TIBBETTS and AUB)
1937, <b>16</b> , *666	1937, <b>16</b> , 511
Sodium chloride: Balance before and after opera-	Stercobilin tolerance: Liver (WATSON)
tions, water and (STEWART, TALBOTT, and	1938, 17, *532
CHURCHILL) 1933, 12, *978	Stethoscopes: Acoustical properties (Johnston)
Solution, untoward effects of intravenous, in se-	1936, 15, *473
vere renal insufficiency (Wakefield and Keith) 1931, 10, *161	Stomach: Absorption of phenol, influence of ethyl alcohol on, in rabbits (Dunn and Perley)
Sodium sulfate: Injected intravenously, observa-	1931, 10, *173
tions on fate of (MONAGHAN, WEGNER, and	Achlorhydria and anemia, experimental produc-
WHITE) 1936, 15, 301	tion of loss of hematopoietic elements with gas-
Specific dynamic action: See Metabolism	tric secretion and liver in swine with (MILLER
Spinal cord: Or posterior roots, section of, arterial	and RhoADS) 1935, 14, 153
ligation and ganglionectomy, thermic changes	—, effect of orally administered hydrochloric acid
after (HARVEY and HALPERT) 1931, 10, 431  Spinal fluid: See Cerebrospinal fluid	(KERN, Rose, and Austin) 1926, 2, 545 Achylia gastrica and pernicious anemia; proteo-
Spirochete: Pneumonia (FIELD) 1934, 13, *707	lytic activity of normal human gastric juice on
Splanchnic resection: For hypertension (SMITHWICK	casein in neutral solution and activity of intrin-
and PALMER) 1937, 16, *682	sic factor (TAYLOR, CASTLE, HEINLE, and
Supradiaphragmatic, for essential hypertension	Adams) 1938, 17, 335
(PALMER and SMITHWICK) 1938, 17, *514	——, etiological relationship to pernicious anemia
Splanchnicectomy: Bilateral, and hypertension, effect	(CASTLE and LOCKE) 1928, 6, *2
on kidneys (FREYBERG and PEET) 1936, <b>15</b> , *450	(CASTLE, TOWNSEND, and HEATH) 1930, 9, *2 — (neutral red studies) (STREICHER)
In hypertension, effect on kidney (FREYBERG and	1932, 11, *867
PRET) 1937, 16, 49	Acid, free hydrochloric, in, with macrocytic hy-
Spleen: Contraction, effect on formed blood elements	perchromatic anemia (HECK) 1932, 11, *859
in splenomegaly (MILLER and RHOADS)	— secretion, observations on blood passing through
1933, 12, 1009	(Bulger, Allen, and Harrison) 1928, 5, 561
—, in case of anemia with splenomegaly (MILLER)	Acidity, anemia of nephritis in relation to (Townsend, Massie, and Lyons) 1937, 16, *668
1933, 12, *965	—, effect of alkali on (GATEWOOD)
Storage of iron (WILLIAMSON) 1925, 1, *591 Vein pressure in congestive splenomegaly (Banti's	1931, 10, *178
syndrome) (Thompson, Caughey, Whipple,	-, - of iron on blood formation as influenced by
and Rousselot) 1937, 16, 571	changing, in anemia (METTIER and MINOT)
Splenectomy: Acute hemoclastic crises (Doan, Cur-	1929, 7, *510
TIS, and WISEMAN) 1934, 13, *704	— in normals (LERMAN, PIERCE, and BROGAN) 1932, 11, 155
Blood volume before and after (GIFFIN and	— of, relation to age and physical fitness (BLOOM-
Brown) 1928, 6, *32	FIELD and KEEFER) 1928, 5, 285
(GIFFIN and BROWN) 1929, 7, 283	Activity, hunger, and insulin (PALMER and HEINZ)
Relation to development of rheumatic fever (Co- BURN and PAULI) 1935, 14, 783	1931, 10, *682
Size of red blood cells before and after, in hemo-	Anacidity (Keefer and Bloomfield) 1926, 2, *607
lytic jaundice (Graham, Farquharson, and	, blood in cases of unexplained (POLLAND)
MALTBY) 1927, 4, *452	1933, 12, 599
Splenomegaly: Gaucher's, skeletal changes in (WELT,	-, fate of people with (BLOOMFIELD and Pol-
ROSENTHAL, and OPPENHEIMER) 1927, 4, *453	LAND) 1935, <b>14</b> , 321
Sprue: And celiac disease, a nutritional disturbance	Desiccated, and liver extract, quantitative rela-
in adults (HOLMES) 1929, 7, *305 Non-tropical, chemical studies (STARR)	tionships between dosage and response in per- nicious anemia treated with (STURGIS and
1929, 7, *306	ISAACS) 1931, 10, *169
Staphylococcus: Infection, questionable relationship	-, effect on blood sugar level in pernicious anemia
to leukemia (MILLER) 1937, 16, *680	(GOLDHAMER) 1932, 11, 641

Stomach—continued:
-, - on gastric secretion in gastro-intestinal
symptoms (Schiff, Burger, and Tuhl)
1932, 11, *864
Digestion of beef proteins (MALTBY)
1934, 13, 193
Disease, incidence of organic and functional
(Adams) 1932, 11, *854
Electrolyte variations in human gastric juice (Bul-
GER, STROUD, and HEIDEMAN) 1928, 5, 547
Epigastric distress associated with extragastric lesion (Smith, Paul, and Fowler)
1930, 9, *26
Function in cases of gastric and duodenal ulcer
(CHENEY and BLOOMFIELD) 1928, 5, 511
—, standards (Polland and Bloomfield)
1931, <b>9</b> , 651
Gastrectomy, effect on assimilation of food
(EMERY) 1934, 13, *705
—, evaluation of predigested beef, iron, and liver
extract on hemoglobin after (METTIER, KEL-
LOGG, and PURVIANCE) 1937, 16, 107
-, hemoglobin before and after, effect of diet in
dogs (Kellogg, Mettier, and Purviance)
1936, <b>15</b> , 241
Gastritis, experimental (LUKENS) 1933, 12, 181
Glucose in small intestine and in, factors con-
trolling behavior (ABBOTT, KARR, and MILLER)
1937, 16, *665
Hemorrhage, massive, intestinal factor in increase
of blood urea nitrogen following (SCHIFF, GOOD- MAN, and BEAN) 1938, 17, *529
Intrinsic and extrinsic factors, site of interaction
in pernicious anemia (Castle and Heinle)
1937, 16, *667
— factor, activity of, and proteolytic activity of
normal human gastric juice on casein in neutral
solution (TAYLOR, CASTLE, HEINLE, and AD-
AMS) 1938, 17, 335
— and red blood cell maturation in perni-
cious anemia, quantitative relationship between
(GOLDHAMER, ISAACS, and STURGIS)
1935, 14, *708
—— in subacute combined degeneration without
anemia (PALMER and PORTER) 1936, 15, 343
1936, 15, *464
—— sources, extirpation of (Geiger, Goodman,
and CLAIBORN) 1937, 16, *666  Juice, acidity patterns obtained by continuous
aspiration (Brown and Engelbach)
1932, 11, *857
— after histamine, chloride, base, and nitrogen
content (POLLAND, ROBERTS, and BLOOMFIELD)
1928, 5, 611
—, base, chloride, and nitrogen content after his-
tamine (Polland, Roberts, and Bloomfield)
1928, 5, 611
—, histamine in (Brown) 1932, 11, *819
—, reticulocytosis in guinea pig following injection

1936, 15, 559

(Mermod)

## Stomach—continued: Motility and volume of gastric secretions (BloomFIELD and KEEFER) 1928, 5, 295 —, effect of insulin (HEINZ and PALMER) 1931, 10, \*181 Motor mechanism, influence of laparotomy (CurTIS and BARRON) 1936, 15, \*462 Mucin in normals and in peptic ulcer (Anderson and Fogelson) 1936, 15, 169

Pain, experimental referred, from duodenum, colon, and (BLOOMFIELD and POLLAND)
1931, 10, 453

 localization accompanying faradic excitation of duodenum and (BOYDEN and RIGLER)
 1934, 13, 833

Pepsin (POLLAND and BLOOMFIELD) 1930, 9, 107

— after histamine: sodium and potassium content
(Austin and Gammon) 1931, 10, 287

— and histamine (POLLAND) 1932, 11, 449
—, determinations, application of Schütz' Law
(Austin and Gammon) 1930, 9, \*21

— in, before and after histamine (Polland and Bloomfield) 1929, 7, 57

 in, in duodenal and peptic ulcer (VANZANT, OSTERBERG, ALVAREZ, and RIVERS)

1933**, 12**, 557

— in various diseases (Mullins and Flood) 1935, 14, 793

—, methods of measurement (OSTERBERG, VANZANT, and ALVAREZ) 1933, 12, 551

—, quantitative method for estimation (POLLAND and BLOOMFIELD) 1929, 7, 45

Pyloric obstruction, factors in dehydration following (GAMBLE and Ross) 1925, 1, 403

— in rabbits, effects of (GAMBLE and McIver) 1925, 1, 531 1925, 1, \*583

Reflex influence of colon (SMITH and MILLER)

1929, 7, \*506 Secretion (Klumpp and Bowie) 1933, 12, 1 (Schiff) 1936, 15, \*451

— after histamine; evaluation as a quantitative test in digestive disorders (GAMMON and MILLER) 1931, 10, 755

———, sodium and potassium content and pepsin estimation (Austin and Gammon)

1931, 10, 287
— and gastro-intestinal symptoms, effects of ventriculin (SCHIFF, BURGER, and TUHL)

1932, 11, \*864

— and liver, experimental production of loss of hematopoietic elements of, in swine with achlor-

hematopoietic elements of, in swine with achlorhydria and anemia (MILLER and RHOADS) 1935, 14, 153

—, basal, in peptic ulcer (BLOOMFIELD and FRENCH)
 — during lobar pneumonia (SUNDERMAN)

1931, **9**, 615
—, effect of acetyl-β-methylcholine (Flexner and Wright)
1938, **17**, \*529

·	
Stomach—continued:	Streptococcus—continued:
—, — of atropine on, after histamine (POLLAND)	Antistreptolysin titer in acute glomerulonephritis
1930, 9, 319	(Lyttle, Seegal, Loeb, and Jost) 1938, <b>17</b> , 631
—, — of nonspecific protein on pain of ulcer and	—— in nephritis, control observations (Long-
(VANZANT and SNELL) 1932, 11, 647	COPE) 1936, 15, 269
—, — of repeated histamine injections (SCHIFF)	—— in streptococcal infections, rheumatic fever,
1934, 13, *719	and nephritis (LONGCOPE) 1936, 15, 277
— in exophthalmic goiter and myxedema (Ler- MAN and MEANS) 1932, 11, 167	Antitoxin, scarlet fever (MITCHELL, STEVENSON,
MAN and MEANS) 1932, 11, 167 — in fever and infectious diseases (CHANG)	and VELDEE) 1932, 11, *862 Cataphoretic potential of, as isolated in arthritis
1933, <b>12</b> , 155	(Rosenow) 1932, 11, *837
— in hyperthyroidism before and after operation	Epidemicus, sporadic septic sore throat due to
(BERRYHILL and WILLIAMS) 1932, 11, 753	(Pilor) 1931, 10, *176
1932, 11, *841	Erysipelatis, observations on toxin of (Amoss and
— in pernicious anemia (HELMER, FOUTS, and	BIRKHAUG) 1925, 1, *569
ZERFAS) 1932, 11, 1129	Filtrates, skin reactions to, in acute streptococcus
-, inadequate, as factor in production of perni-	infections in acute nephritis (HANSEN-PRUSS,
cious anemia (Isaacs, Goldhamer, and Stur-	O'Brien, and Longcope) 1927, 4, *449
GIS) 1934, <b>13</b> , *710	Hemolyticus: Agglutinins and antistreptolysins in
—, intrinsic factor to a hematopoietic material in	rheumatoid arthritis (BLAIR and HALLMAN)
concentrated (Helmer, Fours, and Zerfas)	1935, 14, 505
1934, 13, *724	—, antifibrinolytic properties in blood of patients
—, rate of, in man (BLOOMFIELD and KEEFER)	with rheumatic fever, rheumatoid arthritis, and
—, rôle of total base (Jones) 1927, 4, 485 1928, 6, *31	endocarditis (WAALER) 1937, 16, 145
Syphilis of (SINGER) 1929, 7, *308	—, — of blood in acute hemolytic strepto- coccus infections (TILLETT) 1935, 14, 276
Ulcer, acid neutralization in treatment (CAPPS	—, antihemolysin titers in respiratory infections in
and Palmer) 1929, 7, *505	relation to rheumatic fever (WILSON, WHEELER,
- and gastric secretion, effect of nonspecific pro-	and LEASK) 1935, 14, 333
tein on pain of (VANZANT and SNELL)	-, antistreptolysin content of blood serum in
1932, 11, 647	rheumatic fever and rheumatoid arthritis (My-
—, basal gastric secretion in (BLOOMFIELD and	ERS and KEEFER) 1934, 13, 155
French) 1938, 17, 667	—, — rise in development of rheumatic fever
—, effect of administration of bile (EMERY and	(COBURN and PAULI) 1935, 14, 769
SCHNITKER) 1937, 16, *669	— distribution of minute (Long, Bliss, and Wol-
—, gastric function in cases of duodenal ulcer and (CHENEY and BLOOMFIELD) 1928, 5, 511	COTT) 1934, 13, *713
—, — mucin in (Anderson and Fogelson)	—, erysipelas, factors influencing outcome (KEE-
1936, 15, 169	FER and SPINK) 1936, 15, 17 —, —, serological reactions of blood during (SPINK
-, instance of, as determined postmortem (MIL-	and Keefer) 1936, 15, 21
LER) 1929, <b>7</b> , *307	-, experimental pneumonia in mice following in-
- pain, gastric acidity, and motility (MEYER,	halation of Friedlander bacillus and (STILLMAN
FETTER, and STRAUSS) 1932, 11, *853	and Branch) 1925, 1, *570
<ul> <li>See also Duodenum, ulcer</li> </ul>	—, fibrinolysin in relation to acute streptococcal
Urinary reaction in disorders of kidney and (Hub-	infections (TILLETT and GARNER)
BARD) 1930, 9, 37	1933, 12, *991
Stomatitis: And pharyngitis, herpetic (Long)	-, immune bodies in rheumatic fever and control
1933, 12, 1119 Uremic (HENCH and HEMPSTEAD) 1930, 9, *22	groups (Mote and Jones) 1936, 15, *449
Stramonium: Treatment of thyrotoxicosis (SEN-	—, immunization of, to rheumatic fever (COBURN
SENICH) 1932, 11, *865	and PAULI) 1935, 14, 763
Streptococcus: Agglutination reaction in chronic	— in erysipelas, characteristics (KEEFER and
arthritis (NICHOLLS and STAINSBY)	SPINK) 1937, 16, 155
1933, 12, 505	—, inflammatory lesions in animals allergic to
Agglutinins in rheumatic fever (NICHOLLS and	(BEDELL, PENICK, and BAKER) 1933, 12, *975
STAINSBY) 1931, 10, 337	—, minute, significance (Long and BLISS) 1935, 14, *704
— in rheumatoid arthritis (NICHOLLS and STAINS-	-, resistance to fibrinolysis following acute infec-
ву) 1931, 10, 323 — — — — and rheumatic fever (Кеегек, Муек,	tions of (TILLETT, EDWARDS, and GARNER)
and Oppel) 1933, 12, 267	1934, 13, 47
1700, 12, 201	2224, 44, 4

1938, 17, \*523

Sulfanilamide—continued:

Action of, in vitro (KEEFER and RANTZ)

And antipneumococcal serum on course of experi-

Streptococcus—continued:
-, - to fibrinolytic activity of, in rheumatic
fever and rheumatoid arthritis (MYERS, KEEFER
and Holmes) 1935, 14, 119
—, rôle in arthritis (PILOT) 1932, 11, *863
—, significance of, in pharyngeal flora, in relation
to rheumatic fever (Wilson, Ingerman, Du-
Bois, and Spock) 1935, 14, 325
-, skin reactions to filtrates of, in nephritis
(HANSEN-PRUSS, LONGCOPE, and O'BRIEN)
<b>1929, 7, 54</b> 3
-, strains of, effective and non-effective, initi-
ating rheumatic activity (COBURN and PAULI)
1935, 14, 755
-, sulfanilamide in experimental infections (DAW-
son and Hobby) 1938, 17, *521
Immunity, erysipelas (SPINK and KEEFER)
1935, <b>14</b> , *707
Infections, antistreptolysin titer (LONGCOPE)
1936, 15, 277
Myocardium and pericardium changes in rabbits
sensitized to, in experimental carditis (BAKER,
THOMAS, and PENICK) 1935, 14, 465
Scarlatinae, infections with, in persons with scar-
latinal antitoxic immunity (NICHOLLS)
1926, 3, 411
-, skin reactions to nucleoprotein of, in patients
with rheumatoid arthritis and rheumatic fever
(Myers, Keefer, and Oppel) 1933, 12, 279
-, toxin, scarlet fever immunization by intra-
cutaneous injection (KERN, CRUMP, and RODDY)
1937, 16, *671
Skin reactions of patients and normals to protein
outroot of (Dancar and Errane) 1000 5 \$514
extract of (Derick and Fulton) 1929, 7, *514
—— to protein extracts of (DERICK and FULTON)
1931, 10, 121
Specificity of (Rosenow) 1933, 12, *987
- of certain strains for endocardium (SQUIER,
ENZER, and REITH) 1932, 11, *866
Streptothrix: Infection of lung with metastases
(SINGER, BALLON, and MEHRTEN) 1930, 8, *670
Subacute combined degeneration: Without anemia,
studies of "intrinsic factor" (PALMER and POR-
FER) 1936, 15, 343
1936, 15, *464
Sucrose: Clearance in kidney disease (WINKLER and
PARRA) 1937, 16, 869
— in normals (WINKLER and PARRA)
1937, 16, 859
Excretion, action of phlorizin on (CHASIS, JOL-
LIFFE, and SMITH) 1933, 12, 1083
Sugar: Content of cerebrospinal fluid in suppurative
meningitis (WRIGHT, HERR, and PAUL)
1930, 9, 443
Occult urine (GORHAM, ORDWAY, and HUESTED)
1925. 1. *580
See also Dextrose; Glucose; Sucrose; etc.
Sulfanilamide: Acid-base equilibrium following
(HARTMANN, PERLEY, and BARNETT)

1938, 17, 465

```
mental pneumococcal infections in human cul-
     ture marrow (Osgood and Brownlee)
                                    1938, 17, *502
  Effect on electrolyte metabolism (BECKMAN)
                                    1938, 17, *537
  In experimental hemolytic streptococcal infec-
    tions (Dawson and Hobby)
                                    1938, 17, *521
  Methemoglobin formation and its control (HART-
    MANN, PERLEY, and BARNETT)
                                     1938, 17, 699
  Sulf- or methemoglobinemia in patients receiving
     (CHESLEY)
                                     1938, 17, 445
  With diethylene glycol, toxicity (KLUMPP and
                                    1938, 17, *520
    CALVERY)
Sulphate(s): Clearance in renal disease (MACY and
    Кеітн)
                                    1933, 12, *964
  Inorganic and conjugated, in urine and blood
    serum (Power and Wakefield)
                                    1932, 11, *870
  —, excretion (HAYMAN)
                                    1932, 11, 607
                                    1932, 11, *819
   -, in blood (LOEB and BENEDICT)
                                       1927, 4, 33
Sulphur: And nitrogen metabolism in nephritis
    (GRABFIELD)
                                    1931, 10, 309
      — in nephrosis (GRABFIELD) 1930, 9, 311
  Content of urinary protein (GRABFIELD)
                                    1935, 14, *716
  Metabolism in cystinuria (ANDREWS and RANDALL)
                                     1935, 14, 517
Suprarenal: See Adrenal
Surface tension: In blood serum and biological
    fluids (HARKINS and HARKINS)
                                     1929, 7, 263
Suspension stability: And blood plasma protein
    changes in lobar pneumonia (MOEN and REI-
    MANN)
                                    1933, 12, 589
Sympathectomy: See Sympathetic nervous system
Sympathetic ganglionectomy: See Sympathetic nerv-
    ous system, ganglionectomy
Sympathetic nervous system: Ganglionectomy and
    splanchnic nerve resection in paroxysmal hemo-
    globinuria (ERNSTENE and GARDNER)
                                   1935, 14, *704
                                   1935, 14, 799
   - - trunk resection in chronic arthritis (ROWN-
    TREE and ADSON)
                                    1930, 8, *675
  -, cervicothoracic, surface capillaries following
    (Brown)
                                     1930, 9, 115

    lumbar, effects of environmental temperature,

   anesthesia, and, on temperatures of extremities
   of animals (SHEARD, RYNEARSON, and CRAIG)
                                    1932, 11, 183
 —, thermal changes in peripheral vascular disease
   during (CRAIG, HORTON, and SHEARD)
                                    1933, 12, 573
 -. thermic changes after arterial ligation and
    (MULVIHILL and HARVEY)
                                    1931, 10, 423
```

Sympathetic nervous system—continued:	Syphilis—continued:
—, — — — , section of spinal cord or pos-	Cardiovascular, treatment (MOORE, DANGLADE
terior roots, and (HARVEY and HALPERT)	and Reisinger) 1932, 11, *832
1931, 10, 431	Experimental, minimal infective dose of Trepo
Influence on capillaries during passive congestion	nema pallidum (Morgan and Vryonis)
(CRAWFORD) 1929, 7, 527	1937, <b>16</b> , *684
Inhibition of large intestine in Hirschsprung's dis-	—, rôle of phagocytic mononuclear cell (MORGAN
ease (Scott and Morton) 1930, 9, *13	HARRIS, CUNNINGHAM, and TOMPKINS)
1930, 9, 247	1931, <b>10</b> , *661
Nerve stimulation on pial vessels in isolated head	Heart disease, course of (WILLIUS) 1929, 7, *308
(Pool and Forbes) 1934, 13, *696	Late infection of semen (KEMP) 1938, 17, *524
Sympathectomy, total, effect on occurrence of	Nephritis (Allen and Baker) 1936, 15, *465
shock from hemorrhage (FREEMAN, SHAFFER,	Neuro, audiometer test in (BROMBERG and SMITH)
SHECTER, and HOLLING) 1938, 17, 359	1932, 11, *852
-, vasomotor dilatation following (ROWNTREE	Sphygmographic differentiation of aortic insuffi
and Brown) 1925, 1, *575	ciency caused by rheumatic fever and (FEIL)
Sympathetic and vagus stimulation, effect on coro-	1930, 8, *664
nary flow of revived human hearts (KOUNTZ)	Stomach (SINGER) 1929, 7, *308
1933, 12, *970	Synovial fluid of patients with arthritis and (CHES
(KOUNTZ, PEARSON, and KOENIG) 1934, 13, 1065	NEY, KEMP, and BAETJER) 1926, 3, 131
— chain, cervical, constriction of pial vessels in	1926, 3, *615
unanesthetized cat by stimulation (THOMAS and	Tissue transfer method of determining cure (Mor
Совв) 1935, 14, *713	GAN and Alloway) 1929, 7, *522
— control for cardiac vessels (Robertson, Der-	
BYSHIRE, and CUTLER) 1934, 13, *705	T
Vasoconstrictor activity in lower extremities (MORTON and SCOTT) 1930, 9, *21	Toothe Douting and if notion with homeomether
· · · · · · · · · · · · · · · · · · ·	Teeth: Dentine, acalcification with hypoparathy
1930, 9, 235	roidism in rats (Albright and Strock) 1933, 12, *974
Syncope: Impending, respiratory and circulatory changes occurring with (STARR and COLLINS)	Temperament: Erethitic and kolytic types of, and
1929, 7, *513	their relation to process of excitation and inhi
Physiological studies (STARR and COLLINS)	bition (Hunt) 1928, 6, *1
1931, <b>9</b> , 561	Temperature: Changes responsible for stimulation
Synovial fluid: Anti-tryptic activity in arthritis	of heat end organs (OPPEL and HARDY)
(HOLMES, KEEFER, and MYERS) 1935, 14, 124	1937, 16, 525
Arthritis, inhibition of tryptic digestion of carti-	Cold, blood pressure response to, in familie
lage by (KEEFER, HOLMES, and MYERS)	(Brown and Hines) 1935, 14, *712
1935, 14, 131	—, — — —, in various diseases (PALMER)
Bactericidal properties in gonococcal arthritis	1935, 14, *719
(SPINK and KEEFER) 1937, 16, *670	-, histamine-like reactions in allergy due to (Hor
1938, 17, 17	TON and Brown) 1929, 7, *31
Cellular constituents of (WARREN, BENNETT, and	— sensation stimulated by radiation (HARDY and
Bauer) 1935, 14, *711	OPPEL) 1938, 17, 77
Gonococcal arthritis (Myers, Holmes, and Kee-	Extremities of animals, effects of environmenta
FER) 1934, 13, *710	temperature, anesthesia, and lumbar sympa
(Myers, Keefer, and Holmes) 1934, 13, 767	thetic ganglionectomy (SHEARD, RYNEARSON
Normal, nature of (ROPES and BAUER)	and CRAIG) 1932, 11, 18
1936, 15, *467	Heat, blood work when exposed to (McLain and
Observations (PEMBERTON and CAJORI)	MONTGOMERY) 1938, 17, 41
1927, <b>4</b> , *456	Sensation produced by visible and infra-red radia
Pathological interpretation (COGGESHALL, ROPES,	tion, comparison of (OPPEL and HARDY) 1937, 16, 51
ROSSMEISL, and BAUER) 1937, 16, *675 Patients with arthritis and syphilis (CHESNEY,	Sensitivity of body to heat and spatial summation
	of end organ responses (HARDY and OPPEL)
KEMP, and BAETJER) 1926, 3, 131 1926, 3, *615	1937, 16, 53
Synthalin: (Joslin) 1927, 4, *435	Subnormal, study of persons with (REIMANN)
Syphilis: Animals, effect of pregnancy and female	1938, 17, *53
sex hormone (KEMP) 1936, 15, *468	Surface, and radiation (McCLELLAN and Du
Arsphenamine-resistant (MOORE and ROBINSON)	Bors) 1931, 10, *66
1929, 7, *521	See also Fever; Freezing; Heat

Tetany: Calcium and phosphorus metabolism in chronic adult idiopathic (LIU) 1928, **5**, 277 - — — in juvenile tetany (Liu) 1928, **5**, 259 In hypoparathyroidism and chronic steatorrhea, therapeutic effect of thyroid (Aub, Albright, 1932, 11, 211 BAUER, and ROSSMEISL) See also Parathyroid; Calcium and phosphorus metabolism Tetraiodophenolphthalein: Absorption from gall-1931, 10, 9 bladder (IOHNSTON) Theobromine: In peripheral vascular disease (Scup-1931, 10, \*165 Sodium salicylate: as a vasodilator (McGovern, McDevitt, and Wright) 1936, **15**, 11 See also Arteries, coronary; Diuretics Theophylline: Influence on absorption of mercurial diuretics from site of injection (DEGRAFF, LEH-MAN, and BATTERMAN) 1937, **16**, \*674 See also Arteries, coronary; Diuretics Theophylline ethylenediamine: In experimental cardiac infarction in dogs (FOWLER, HUREVITZ, 1934, 13, \*694 and Smith) Thevetin: A cardiac glucoside (ARNOLD, MIDDLETON, 1934, 13, \*716 and CHEN) Thiocyanate: Therapy in hypertension (MASSIE, ETHRIDGE, ROBINSON, and O'HARE) 1938, 17, \*514 Thromboangiitis obliterans: Bacteriologic studies 1931, 10, \*164 (Horton and Dorsey) Blood flow and vasomotor reactions in foot (KUNKEL and STEAD) 1938, **17**, 715 In women (Horton and Brown) 1932, 11, \*860 1932, 11, \*856 Tobacco factor in (BARKER) See also Vascular disease, peripheral Thymus: Enlargement (GRAY) 1925, 1, \*590 Extract, effect on growth and development of certain chemical agents found in (ROWNTREE, STEINBERG, EINHORN, SCHAFFER, and ZIEGLER) 1937, **16**, \*677 Thyroglobulin: Metabolic effects of human, and its proteolytic products (SALTER and LERMAN) 1935, 14, 691 Thyroid: Adenoma, toxic, effect of iodine (Youmans and KAMPMEIER) 1927, **4**, \*429 Calcium and phosphorus balance in hyperthyroidism treated with iodine following therapeutic radiation (HANSMAN and FRASER) 1938, 17, 543 Calorigenic action of normal and pathological glands administered in equi-thyroxine doses (PALMER and LELAND) 1935, **14**, 619 Circulation, adaptation to hyperthyroidism and hypothyroidism (Blumgart and Gargill) 1928, 6, \*18 - rate in pituitary disease and in (MACY, CLAI-BORNE, and HURXTHAL) 1936, **15**, 37 Derivative with greater calorigenic activity than thyroxine (THOMPSON, NADLER, THOMPSON, and TAYLOR) 1935, 14, \*702 Thyroid—continued:

Derivatives, calorigenic action (Thompson, Nadler, Taylor, and Thompson) 1934, 13, \*690

Desiccated, and thyroxine, effect of heating with alkali on calorigenic activity (Thompson, Thompson, Taylor, and Dickie) 1937, 16, 479—, rates of utilization of thyroxine and (Thompson, McLellan, Thompson, and Dickie)

1933, 12, 235

—, relation between iodine in thyroxine and (Thompson, McLellan, Thompson, and Dickie)

1933, 12, 235

—, thyroxine peptide with greater calorigenic activity than (THOMPSON, NADLER, THOMPSON, TAYLOR, and DICKIE) 1936, 15, \*473

Dinitrophenol relationship between blood cholesterol and increased metabolism from (CUTTING, RYTAND, and TAINTER) 1934, 13, 547

Disease, blood iodine in (Curtis and Davis)
1932, 11, \*827

—, — velocity at varying levels of metabolism with and without (MACY, CLAIBORNE, and HURXTHAL) 1935, 14, \*717

—, cutaneous venous blood sugar difference (Jo-NAS) 1933, 12, 139

—, heart in, changes in the "T" wave of the electrocardiogram following iodine medication and thyroidectomy (HAMBURGER, LEV, and HOWARD)

1927, 4, \*454

Dysfunction, phase angle as test for (JOHNSTON) 1935, 14, \*722

Effect of sodium fluoride on, in dogs (GOTTLIEB and GRANT) 1932, 11, \*859

Gland and parathyroid hormone, influence on total acid-base metabolism (ALBRIGHT, BAUER, and AUB) 1931, 10, 187

—, avidity of, for various iodine compounds in vitro (RABINOWITCH) 1925, 1, 473

—, hyperplasia of, produced by purine bases and amino acids (COLE, WOMACK, and STONE)

1930, 8. \*672

-, influence on intestinal absorption of dextrose, galactose, and xylose (ALTHAUSEN)

1937, 16, \*658
Goiter in laboratory rabbits (CHESNEY, WEBSTER, and CLAWSON)
1928, 6, \*8

-, nodular, iodine balance in (PUPPEL and CURTIS) 1938, 17, 729

--, simple, effect of iodine on heat production in (Webster and Wright) 1936, 15, \*465

—, —, iodine reactions in rabbits (Webster and Chesney) 1929, 7, \*517

Heart, "goiter," compared to heart rate in "Frizzle" fowls (Boas and LANDAUER)

Hormone, and thyroid disease, effects on calcium and phosphorus metabolism (AUB, BAUER, HEATH, and ROPES) 1929, 7, 97

Hyperparathyroidism, complication of, in parathyroid poisoning (ALBRIGHT) 1932, 11, \*827

Thyroid—continued:	Thyroid—continued:
Hyperplasia in chickens by ultraviolet deficiency	—, possible development from adenomatous goiter
(TURNER, BENEDICT, and LOEB)	following surgical operations and associated in-
1932, 11, *818	fections (Plummer and Mayo) 1931, 10, *175
— — following ultraviolet light deficiency	-, prognostic use of iodine (HERTZ and MEANS)
(TURNER and BENEDICT) 1932, 11, 761	1937, 16, *678
Hyperthyroid plasma, oxygen consumption of sur-	—, report of 50 patients (Kessel and Hyman)
viving tissues in (SALTER and CRAIG)	1925, 1, *585
1938, 17, *502	—, rôle of pulmonary circulation in dyspnea of
Hyperthyroidism and hypoparathyroidism, coex-	circulatory failure and (ROBB and WEISS)
istent, calcium and phosphorus metabolism in	1932, 11, *823
(COPE and DONALDSON) 1937, 16, 329	-, seat of disturbance of carbohydrate metabo-
- and leukemia, cost of work in patients with	lism in (ALTHAUSEN and WEVER) 1935, 14, *712
hypermetabolism due to (BRIARD, MCCLIN-	—, stomach secretion before and after operation
TOCK, and BALDRIDGE) 1934, 13, *699	(BERRYHILL and WILLIAMS) 1932, 11, 753
— and myxedema, gastric secretion in (LERMAN	— treated with high fat diet (Soskin and Mirsky) 1937, 16, *666
and Means) 1932, 11, 167 ———, skin temperature in (Brown and Fei-	Hypothyroidism after thyroid ablation in treat-
GENBAUM) 1930, 8, *672	ment of heart disease, control of (Davis and
—, auricular fibrillation in (BARKER, BOHNING,	Blumgart) 1935, 14, *714
and Wilson) 1929, 7, *518	— and exophthalmic goiter, gastric secretion in
—, blood iodine partition in (PERKIN and HURX-	(LERMAN and MEANS) 1932, 11, 167
THAL) 1938, 17, *525	— and hyperthyroidism, skin temperature (Brown
—, — picture (HERTZ and LERMAN)	and Feigenbaum) 1930, 8, *672
1932, 11, 1179	—, anemia of, treated with liver extract (STURGIS
—, — plasma fats and iodine absorption capacity	and Isaacs) 1930, 8, *663
of fatty acids (Nicholls and Perlzweig)	—, blood volume in (THOMPSON) 1926, 2, 477
1928, 5, 195	1926, 2, *606
-, - serum surface tension in (NICHOLLS and	<ul> <li>—, calorigenic action of thyroxin at different basal metabolism levels in (Тномрзон, Тномр-</li> </ul>
HARROP) 1928, 5, 181, volume (CHANG) 1931, 10, 475	son, Brailey, and Cohen) 1929, 7, 437
—, circulatory response (Blumgart, Gargill, and	—, circulation (STEWART, DEITRICK, and CRANE)
Gilligan) 1930, 9, 69	1938, 17, 237
—, effect on total blood count (BLOTNER, FITZ,	—, — rate (Blumgart, Gargill, and Gilligan)
and MURPHY) 1928, 6, *4	1930, <b>9</b> , 91
—, ergotamine in (Andrus) 1927, 4, *455	-, effect of diiodotyrosine on basal metabolism
—, galactose tolerance (ALTHAUSEN and WEVER)	(THOMPSON, ALPER, THOMPSON, and DICKIE)
1937, <b>16</b> , 257	1934, 13, 29
-, gastric secretion before and after operation	— following treated and untreated thyrotoxicosis
(BERRYHILL and WILLIAMS) 1932, 11, *841	(THOMPSON and THOMPSON) 1928, 6, 347
-, influence of iodine on excretion of creatine	—, heart in (LERMAN, CLARK, and MEANS) 1932, 11, *815
(PALMER, CARSON, and SLOAN) 1929, 6, 597	—, — output and work in (ALTSCHULE and VOLK)
—, kidney function (BARTELS and ALLAN) 1938, 17, *515	1935, 14, 385
—, magnesium metabolism (TIBBETTS and AUB)	(ALTSCHULE) 1935, 14, *700
1937, 16, 511	-, hematological studies after thyroid ablation
—, mechanism (McEachern and Andrus)	(STERN and ALTSCHULE) 1936, 15, 633
1934, 13, *689	-, insensible water loss and heat production
-, metabolism in, complicated by diabetes	(GILLIGAN and EDSALL) 1935, 14, 659
(BOOTHBY and WILDER) 1925, 1, *590	—, protein content of cerebrospinal fluid (THOMP-
—, nature of muscular weakness in (SHORR, RICH-	SON, THOMPSON, SILVEUS, and DAILEY) 1928, 6, 251
ARDSON, and WOLFF) 1933, 12, *966 —, not due to vitamin D deficiency, high calcium	-, response to artificial thyroid protein (LERMAN
excretion in (TIBBETTS, McLean, and Aub)	and SALTER) 1936, 15, *468
1932, 11, 1273	-, spontaneous, circulation (STEWART, DEITRICK,
-, parathyroid hyperfunction in (GILLIGAN,	and Crane) 1936, 15, *473
Volk, and Gargill) 1938, 17, 641	— treated with artificial human protein (SALTER)
-, pathogenesis of, in its relationship to exoph-	1935, 14, *702
thalmos (Friedgood and Boyden)	— with Addison's disease (CLEGHORN) 1938, 17, *526
1932, 11, *844	1700, 21, 020

Thyroid—continued:	Thyroidectomy—continued:
Influence on concentration of protein in cere-	-, specific dynamic action of carbohydrate and
brospinal fluid (THOMPSON, THOMPSON, and	protein after (LANDOWNE) 1935, 14, 595
DAILEY) 1931, 10, *684	—, total, action of injected and secreted adrenalin
Iodine, calorigenic activity at different levels of	before and after (Brown, Sawyer, and Levine)
metabolism (LERMAN and SALTER) 1937, <b>16</b> , *678	1934, 13, *712
Material, nature of cardiac enlargement resulting	Heart in, effect on electrocardiogram (Rose, Wood, and Margolies) 1935, 14, 497
from administration (SMITH and MACKAY)	, on orthodiagram (MARGOLIES, Rose,
1932, 11, *828	and Wood) 1935, 14, 483
Protein, artificial, response of human myxedema	Iodine loss in urine following (CURTIS and PHIL-
(LERMAN and SALTER) 1936, 15, *468	IPS) 1934, <b>13</b> , 777
Stimulation by pituitary thyreotropic hormone,	Thyrotoxicosis: See Thyroid
influence of castration (STARR) 1935, 14, *721	Thyroxin: Absorption from gastro-intestinal tract
Substance and fat diets, influence on plasma lipids	with special reference to effects of alkali (THOMP-
in nephritis (PAGE and FARR) 1936, 15, 181	son, Thompson, Taylor, and Dickie)
Therapeutic effect in tetany with hypoparathy- roidism and chronic steatorrhea (Aub, Al-	And desiccated thyroid, effect of heating with
BRIGHT, BAUER, and ROSSMEISL) 1932, 11, 211	alkali on calorigenic activity (Thompson,
Therapy and anterior pituitary growth hormone	Thompson, Taylor, and Dickie)
in pituitary dwarfism, metabolic changes pro-	1937, 16, 479
duced by (Greene, Harris, Levine, and Gib-	———, rates of utilization (THOMPSON and Mc-
son) 1938, 17, *526	Lellan) 1932, 11, *822
Thyroglobulin, calorigenic action of, and its con-	———, ———, relation between iodine in des-
stituents (LERMAN and SALTER) 1933, 12, *973	iccated thyroid and thyroxin (THOMPSON, Mc-
Thyrotoxic guinea pigs, oxygen consumption of isolated beating auricles (McEachern and An-	LELLAN, THOMPSON, and DICKIE)
DRUS) 1931, 10, *653	1933, 12, 235 And work, influence on metabolism of a dog
Thyrotoxicosis and its relation to pancreatic diges-	(Воотнву) 1932, 11, *843
tion (Davis and Killian) 1932, 11, *839	Calorigenic action at different basal metabolism
-, experimental, effect on electrolyte and water	levels in myxedema (Thompson, Thompson,
content of myocardium (MACKAY and BERG-	Brailey, and Cohen) 1929, 7, 437
MAN) 1932, 11, 497	—— of optically active isomers of (LERMAN and
—, low basal metabolism following, permanent	SALTER) 1934, 13, *711
type without myxedema (Тномрзон and Тномрзон) 1928, 5, 471	d- and l-, calorigenic action (SALTER, LERMAN, and
—, — — —, temporary type without myxe-	MEANS) 1935, 14, 37 Effect of iodine by mouth on reaction to intra-
dema with special reference to rôle of iodine	venous injections of (STURGIS, ZUBIRAN, WELLS,
therapy (Thompson and Thompson)	and BADGER) 1926, 2, 289
1928, 5, 441	- on metabolism of isolated, normal, and malig-
-, treated and untreated, myxedema following	nant tissue (MEYER, McTiernan, and Aub)
(THOMPSON and THOMPSON) 1928, 6, 347	<b>1932, 11, *</b> 821
—, treatment with stramonium (SENSENICH)	1933, 12, 723
1932, 11, *865 — with normal metabolism early in the disease	Intravenous injections of, effect of iodine by mouth
(Ball) 1931, 10, *185	on reaction to (Sturgis, Zubiran, Wells, and Badger) 1925. 1. *584
Tolerance (Thompson, Thompson, Taylor, and	BADGER) 1925, 1, *584 Iodine and total organic iodine in calorigenic
Dickie) 1938, 17, *525	action of thyroid gland (MEANS, LERMAN, and
Thyroidectomy: Ablation, carbohydrate metabolism	SALTER) 1933, 12, 683
following (CUTLER and PIJOAN) 1938, 17, *524	Peptide, effect of alkali on absorption from gastro-
-, hematological studies in hypothyroidism fol-	intestinal tract (THOMPSON, NADLER, THOMP-
lowing (STERN and ALTSCHULE) 1936, 15, 633 — in angina pectoris and congestive heart failure,	son, and Dickie) 1934, 13, 933
significance of relief of pain immediately after	<ul> <li>with greater calorigenic activity than with desiccated thyroid (Тномрон, Nadler, Тномрон)</li> </ul>
(Blumgart, Weinstein, Davis, and Riseman)	son, Taylor, and Dickie) 1936, 15, *473
193 <b>4, 13</b> , *694	Polypeptide, calorigenic action of (Salter, Ler-
— in congestive heart failure and angina pectoris:	MAN, and MEANS) 1933, 12, 327
postoperative parathyroid function, serum cal-	Thyroid derivative with greater calorigenic activ-
cium and phosphorus studies (GILLIGAN, BER-	ity than (Thompson, Nadler, Thompson, and
LIN, VOLK, STERN, and BLUMGART) 1934, 13, 789	Taylor) 1935, 14, *702

Thyroxin—continued:	Tuberculosis—continued:
Thyroxinized animals, sensitivity to oxygen-want	-, with cavitation, abdominal compression in
and sodium lactate of hearts of normal and	treatment (GORDON) 1934, 13, *708
(Andrus, McEachern, Perlzweig, and Her-	Reinfection, problem of (BLOCH and FRANCIS)
MAN) 1930, 9, *16	1932, 11, *848
Tissue(s): Buffering power of blood and, during	Tuberculous and chronic non-tuberculous pul-
heart failure (PILCHER, CLARK, and HARRISON)	monary infiltrations in childhood (McPhedran)
1930, <b>8</b> , 317	1934, <b>13</b> , *714
Changes following administration of excessive	- and non-tuberculous associated pulmonary le-
quantities of water (Greene and Rowntree)	sions (McPhedran) 1935, 14, *718
1930, 9, *6	Tularemia: Intradermal test (Foshay)
Penetration of antiseptics through (HIRSCHFELDER	1932, 11, *850
and Novak) 1938, 17, *521	Tumor(s): Adrenal cortical, androgenic, hormone
Pressure as related to venous pressure (WELLS,	assays in a case of (Hudson) 1938, 17, *526
YOUMANS, and MILLER) 1938, 17, 489 (BURCH and SODEMAN) 1938, 17, *513	, biochemical and clinical studies before and
	after removal (FRIEDGOOD and GARGILL)
—, subcutaneous, estimation (BURCH and SODE-	1938, 17, *504
MAN) 1937, 16, *658	Glomus, changes in vasomotor reaction association
1937, 16, 845	with (Stabin, Thornton, and Scott)
Tobacco: Factor in thromboangiitis obliterans (BAR-	1937, <b>16</b> , 685
KER) 1932, 11, *856	Lipid content (YASUDA and BLOOR)
Tolysin: In subacute rheumatic carditis (LUKENS)	1932, 11, 677
1928, 6, 319	Suprarenal gland (BALL and ROWNTREE)
Treponema pallidum: And Treponema pertenue, viru-	1932, <b>11</b> , *847
lent, preservation in frozen state (TURNER) 1936, 15, *470	See also Cancer
Minimal infective dose in experimental syphilis	Typhoid: Vaccine, cardiac output following injection
(Morgan and Vryonis) 1937, 16, *684	(GROLLMAN) 1929, <b>8</b> , 25
Single cell inoculations with (Thomas and Mor-	Ū
GAN) 1933, 12, *984	<b>V</b>
Susceptibility to arsphenamine of fresh strains	Undulant fever: (SIMPSON) 1930, 8, *671
(EAGLE) 1938, 17, *524	Skin reactions in diagnosis (GOLDSTEIN)
Trichinosis: Clinical and pathological observations	1934, 13, 209
on the heart in (SPINK) 1934, 13, *708	<b>Urea:</b> Blood-urine, concentration ratio in hyperten-
Tropics: Nasopharyngeal flora, during period of a	sion (STARR and BALLARD) 1927, 5, 101
year (SMILLIE and MILAM) 1930, 9, *10	Clearance and chloride restriction in renal insuffi-
Trypsin: Anti-tryptic activity of synovial fluid in	ciency (LANDIS, ELSOM, BOTT, and SHIELS)
arthritis (HOLMES, KEEFER, and MYERS)	1935, 14, 525
1935, 14, 124	— and creatinine tests and number of glomeruli
In produced experimental nephritis (KATZ and	at autopsy (HAYMAN and JOHNSTON)
FRIEDMAN) 1938, 17, *537	1933, 12, 877
Tryptic digestion of cartilage, inhibition of, by	———— of kidney function, comparison (HAY-
synovial fluid in arthritis (KEEFER, HOLMES,	MAN, HALSTED, and SEYLER) 1933, 12, 861 — and heart output in relation to age (LEWIS and
and Myers) 1935, 14, 131	
Tuberculosis: Allergy and desensitization (WILLIS	ALVING) 1934, 13, *691 — and serum inorganic sulphates in renal insuffi-
and Woodruff) 1937, 16, *661	ciency (Wakefield, Power, and Keith)
1937, <b>16</b> , 899	1932, 11, *869
—— immunity (FRIEDENWALD, ROTHSCHILD, and	- and urinary sediment count in normal preg-
BERNSTEIN) 1933, 12, *969	nancy (Elden and Cooney) 1935, 14, 889
Calcification (BLOCH) 1938, 17, *535 Diagnosis of early (MYERS) 1932, 11, *863	— calculated from excretion of urea, of urea plus
Diagnosis of early (MYERS) 1932, 11, *863 Nurses (GEER) 1931, 10, *179	ammonia, and of nitrogen determinable by
Pulmonary, analysis of lymphocyte (WISEMAN	hypobromite (VAN SLYKE, PAGE, HILLER, and
	1025 14 001
and Doan) 1932, 11, *848	—, comparison with other measures of renal func-
and Doan) 1932, 11, *848 —, group examinations for (BLOCH, FRANCIS, and	-, comparison with other measures of renal function (VAN SLYKE, MCINTOSH, MÖLLER, HAN-
and Doan) 1932, 11, *848  —, group examinations for (Bloch, Francis, and	—, comparison with other measures of renal function (Van Slyke, McIntosh, Möller, Hannon, and Johnston) 1930, 8, 357
and DOAN)  1932, 11, *848  —, group examinations for (BLOCH, FRANCIS, and HILLER)  1935, 14, *712  —, influence of water balance (GORDON, TAI, and TITHERINGTON)  1931, 10, *670	—, comparison with other measures of renal function (VAN SLYKE, McIntosh, Möller, Hannon, and Johnston) 1930, 8, 357 —, effect of changes in protein and salt in diet
and DOAN)  1932, 11, *848  —, group examinations for (BLOCH, FRANCIS, and HILLER)  1935, 14, *712  —, influence of water balance (GORDON, TAI, and TITHERINGTON)  1931, 10, *670  —, scaleniotomy in surgical treatment (GALE and	—, comparison with other measures of renal function (VAN SLYKE, McIntosh, Möller, Hannon, and Johnston) 1930, 8, 357 —, effect of changes in protein and salt in diet (COPE) 1933, 12, 567
and DOAN)  1932, 11, *848  —, group examinations for (BLOCH, FRANCIS, and HILLER)  1935, 14, *712  —, influence of water balance (GORDON, TAI, and TITHERINGTON)  1931, 10, *670	—, comparison with other measures of renal function (VAN SLYKE, McIntosh, Möller, Hannon, and Johnston) 1930, 8, 357 —, effect of changes in protein and salt in diet

	·
Urea—continued:	Uremia—continued:
— in acidotic dogs, comparison of ammonia clear-	Blood and cerebrospinal fluid chlorides in (You-
ance and (Pitts) 1936, 15, 571	MANS and WILSON) 1925, 1, *589
- in infants, an automatic urine collector for	- calcium state in nephritis and (McLean and
(FARR) 1935, <b>14</b> , 911	Leiter) 1935, 14, *705
— in kidney disease (WINKLER and PARRA)	Mechanism of muscular twitchings (HARRISON,
1937, <b>16</b> , 869	Mason, and Resnik) 1936, 15, *463
- in normal and nephritic children (CULLEN,	Relation between acidosis and, in nephritis
Nelson, and Holmes) 1935, 14, 563	(Briggs) 1930, <b>8</b> , *667
— in normals (WINKLER and PARRA)	Stomatitis (HENCH and HEMPSTEAD) 1930, 9, *22
1937, 16, 859	Uric acid: Effect of insulin on, in blood (Rosen-
, influence of protein intake (GOLDRING,	BERG) 1938, 17, 233
RAZINSKY, GREENBLATT, and COHEN)	Excretion as influenced by ultraviolet light (PE-
1934, 13, 743	TERMAN) 1932, 11, *853
-, increased, in normal pregnancy (NICE)	Metabolism, endogenous, in pernicious anemia
1935, 14, 575	(RIDDLE and STURGIS) 1929, 7, *498
-, "minimal"; urea excretion at low urine vol-	(RIDDLE) 1929, 8, 69
umes (CHESLEY) 1938, 17, 119	—, —, in polycythemia vera (SHELBURNE and
— of nephrosis in children, effect of dietary pro-	HANZAL) 1932, 11, *865
tein (FARR) 1936, 15, 703	Urine: Albuminuria in young men (DIEHL and Mc-
—, standard, from low urine volumes (CHESLEY)	Kinlay) 1931, 10, *178
1937, 16, 653	Alkaline tides (BARNETT and BLUME)
— test and urine sediment count in lobar pneu-	1938, 17, 159
monia (Goldring) 1931, 10, 355	Bile salts in normal and jaundiced (BROUN and
— in rheumatic infection (Goldring)	Briggs) 1930, 8, *673
1931, 10, 345	Cast count during administration of salyrgan
—— in toxemias of pregnancy (Hurwitz and	(Brown and Engelbach) 1932, 11, *862
OHLER) 1932, 11, 1119	Electrolyte changes following injection of para-
Excretion, action of phlorizin on (Chasis, Jol-	thyroid extract (Ellsworth and Nicholson)
LIFFE, and SMITH) 1933, 12, 1083	1935, 14, 823
— at low urine volumes; minimal urea clearances	— excretion in pneumonia (Austin and Sunder-
(CHESLEY) 1938, 17, 119	MAN) 1929, 7, 333
—, diurnal variation of urea excretion in normal	Excretion of ascorbic acid, critical remarks on
individuals and patients with Bright's disease	determination (VAN EEKELEN and HEINEMANN)
(MacKay) 1928, 6, 505	1938, 17, 293
—, effects of posture and exercise (VAN SLYKE,	— of cholesterol and protein in Bright's disease
ALVING, and Rose) 1932, 11, 1053	(Bruger) 1934, 13, *717
— in normal and phlorizinized man, inulin, xylose,	— of estrogenic and androgenic substances by
and (Shannon and Smith) 1935, 14, 393	normal men and women (GALLAGHER, PETER-
— in normals and in nephritis (CHASIS and SMITH)	son, Dorfman, Kenyon, and Koch)
- · · · · · · · · · · · · · · · · · · ·	1937, 16, 695
1938, 17, 347 — in pernicious anemia in relation to liver extract	— of iodine (CURTIS and PHILLIPS)
	1933, 12, *963
dosage, sodium benzoate, xylose, and (ZERFAS,	———, loss following thyroidectomy (Curtis
HELMER, and Fours) 1936, 15, *469	and PHILLIPS) 1934, 13, 777
—, influence of body size on urea output (McIn-	- of vitamin C (RALLI, FRIEDMAN, and RUBIN)
TOSH, MÖLLER, and VAN SLYKE) 1928, 6, 467	1938, 17, 765
—, relationship between urine volume and rate of	———— and blood distribution (HEINEMANN)
urea excretion in normal adults (MÖLLER,	1938, 17, *528
McIntosh, and Van Slyke) 1928, 6, 427	———— in relation to distribution between
-,in patients with	cells and serum (HEINEMANN) 1938, 17, 751
Bright's disease (MÖLLER, MCINTOSH, and VAN	Hyposthenuria, experimental (DUMKE and HAY-
SLYKE) 1928, 6, 485	MAN) 1937, 16, *676
From glycine in nephritis (KIRK) 1935, 14, 136	Lipids in nephritis (BRUGER) 1936, 15, *464
Nitrogen content of cutaneous and venous blood	Magnesium in, method for determining (HIRSCH-
(JOHNSTON) 1930, 9, 209	FELDER and SERLES) 1932, 11, *841
Relation to nitrogen metabolism (PETERS and	Optical activity of glucose as influenced by normal
Moore) 1928, 6, *5	and diabetic (PAUL) 1925, 1, 317
Uremia: Acidosis, blood serum electrolytes in (ATCH-	Output and blood pressure, effect of eclamptic
LEY and BENEDICT) 1930, 9, 265	blood on (PAGE) 1938, 17, 207

Urine—continued:	Urobilinogen: Excretion in pernicious anemia before
pH following alkaline mineral waters (McClellan	and after liver therapy (Graham, Farquhar-
and Goldstein) 1938, 17, *516	son, Borsook, and Goulding) 1929, 7, *510
Pituitary gonadotropic hormones, factors influ-	son, boxsoon, and Goodbing, 1929, 7, 510
encing concentration (SULKOWITCH and AL-	V
BRIGHT) 1936, 15, *474	Vagina: Smears of menopause, changes during symp-
Proteins (THOMAS) 1929, 7, *312	tomatic relief (SHORR and PAPANICOLAOU)
— and hypoproteinemia (BULGER)	1936, 15, *454
1935, 14, *705	Vagus: And sympathetic stimulation, effect on coro-
-, comparison of racemization curves for edema	nary flow of revived human hearts (KOUNTZ)
fluid, blood plasma, and (CAVETT and GIBSON)	1933, 12, *970
1931, 10, 857	(KOUNTZ, PEARSON, and KOENIG) 1934, 13, 1065
— in nephrosis (ALVING and MIRSKY)	Vascular disease, peripheral: Arterial spasm and
1936, <b>15</b> , 215	occlusion, differentiation (Scott and Morton)
— in orthostatic albuminuria (MARTIN)	1931, <b>10</b> , *673
1935, <b>14</b> , *711	Differentiation of arterial spasm and occlusion
—, sulphur content (GRABFIELD) 1935, 14, *716	(SCOTT and MORTON) 1931, 10, *673
Proteinuria in Bright's disease, effect of dietary	Effect of alternate suction and pressure on blood
protein (KEUTMANN and BASSETT)	flow in lower extremities (LANDIS and GIBBON)
1935, 14, 871	1933, 12, *983
—, mechanism (KEUTMANN and BASSETT)	Lead in urine (HORTON, POWELSON, and OSTER-
1937, <b>16</b> , 767	BERG) 1930, 8, *673
Rate of excretion with different amounts of renal	Method for determining arterial circulation (Scup-
tissue (RYTAND) 1933, 12, 1153	HAM and JOHNSON) 1932, 11, *850 Theobromine in (SCUPHAM) 1931, 10, *165
Reaction in renal and gastric disorders (HUBBARD)	Thermal changes during sympathetic ganglionec-
1930, 9, 37 ——— insufficiency from blood transfusion (De-	tomy (Craig, Horton, and Sheard)
	1933, 12, 573
Gowin, Randall, Warner, and Hall) 1936, 15, *465	Volume flow in hands (FREEMAN) 1935, 14, *697
Relation between conductivity and chlorides in	See also Thromboangiitis obliterans
(Gram) 1924, 1, 21	Vascular reflexes: Effects of bilateral sinus denerva-
Sediment count and urea clearance test in lobar	tion in man (CAPPS and DE TAKATS)
pneumonia (GOLDRING) 1931, 10, 355	1938, 17, 385
—— in normal children (LYTTLE) 1933, 12, 87	Vascular states: Skin distensibility in (SODEMAN and
—— in rheumatic fever (GOLDRING and WY-	Burch) 1938, 17, 785
CKOFF) 1930, <b>8</b> , 569	Vasomotor system: Collapse (Weiss and Wilkins)
—— in scarlet fever (LYTTLE) 1933, 12, 95	1936, <b>15</b> , *452
—, effect of exercise (ROBERTS) 1935, 14, 31	Dilatation following sympathectomy (ROWNTREE
-, formed elements of, in heart disease (STEWART	and Brown) 1925, 1, *575
and Moore) 1930, 9, 409	Fibers, course of, as measured by thermic changes
-, number of formed elements in normal indi-	in feet after arterial ligation and tubular re-
viduals (Addis) 1926, 2, 409	absorption (OUGHTERSON, HARVEY, and RICH-
— of normal individuals, effect of physiological	TER) 1932, 11, 1065
variables (Addis) 1926, 2, 417	Reaction associated with glomus tumors (STABIN, THORNTON, and SCOTT) 1937, 16, 685
Specific gravity (PEPPER) 1924, 1, 13	Vasoconstriction as response to increased venous
, relationship of kidney function and (LASH-	pressure (SODEMAN, BURCH, and TURNER)
MET and NEWBURGH) 1930, 9, *25	1937, 16, *672
Sugar, occult (GORHAM, ORDWAY, and HUESTED)	-, residual, from medulli-adrenal secretion after
1925, 1, *580	cervicothoracic and lumbar ganglionectomy,
Sulphates, inorganic and conjugated, in blood	effect in Raynaud's disease (WHITE)
serum and (Power and Wakefield)	1935, 14, *697
1932, 11, *870	Vasoconstrictor activity, sympathetic, in lower
Volume, low, renal excretion at (CHESLEY)	extremities (Morton and Scott) 1930, 9, *21
1938, 17, 591	1930, 9, 235
—, —, validity of calculation of standard urea	Vasodilatation and exercise; changes in blood and
clearance (CHESLEY) 1937, 16, 653	circulation with changes in posture (Youmans,
Urobilin: Blood (BLANKENHORN) 1929, 7, *310	AKEROYD, and FRANK) 1935, 14, 739
Excretion, influence of fat on (JOSEPHS, HOLT,	—, leg, response to immersing forearms in warm water (Gibbon and Landis) 1932, 11, 1019
TIDWELL, and KAJDI) 1938, 17, *532	water (GIBBON and LANDIS) 1932, 11, 1019

Vasomotor system—continued:	Venous pressure—continued:
Vasodilating drugs, result of intra-arterial injec-	Normals, effect of digitalis (RYTAND)
tion on circulation (ALLEN and CRISLER)	1933, 12, 847
1937 <b>, 16</b> , 649	Relation to plasma and total blood volume, blood
— effects of alcohol (Brown and Cook)	velocity rate, physical measurements, age, and
1932, 11, *857	sex in normals (GIBSON and EVANS)
Vasodilator, theobromine sodium salicylate as a	1937, 16, 317
(McGovern, McDevitt, and Wright)	Relationship of tissue pressure to (BURCH and
1936, 15, 11	SODEMAN) 1938, 17, *513
Veins: Method for measuring tone and reflex con-	Splenic, in congestive splenomegaly (Banti's syn-
striction of capillaries and, of human hand in	drome) (Thompson, Caughey, Whipple, and
normal and diseased states (CAPPS)	
1936, 15, 229	ROUSSELOT) 1937, 16, 571
	Sustained high, adjustment of flow of tissue fluids
Of suprarenal glands in hypertension (ALLEN)	in presence of localized, as found with varices
1929, 7, *309	during walking (BEECHER) 1937, 16, 733
Suprarenal, clinical symptoms of bilateral throm-	Vessels: Peripheral, effects of freezing and ameliora-
bosis of (HIRSCH and CAPPS) 1927, 4, *456	tion by intermittent negative pressure environ-
Varicose, oxygen tension of blood contained in	ment (HERRMANN and HERRMANN)
(Holling, Beecher, and Linton) 1938, 17, 555	1934, 13, *709
Venous congestion, passage of fluid and protein	Vincent's angina: Experimental production in dog
through human capillary wall during (LANDIS,	(WALLACE, WALLACE, and ROBERTSON)
JONAS, ANGEVINE, and ERB) 1932, 11, 717	1933, 12, 909
- system in circulatory collapse induced by so-	Virilism: Before and after removal of adrenal cortical
dium nitrite, rôle of (WILKINS, HAYNES, and	tumor, biochemical and clinical studies (FRIED-
Weiss) 1937, 16, 85	GOOD and GARGILL) 1938, 17, *504
Venesection: Effect on venous, spinal fluid, and	Urinary excretion of androgenic and estrogenic
arterial pressures in heart failure (ROBERTSON	substances (Gallagher, Kenyon, Peterson,
and FETTER) 1935, 14, 305	DORFMAN, and KOCH) 1937, 16, *663
Venous pressure: And cerebrospinal pressure in	(KENYON, GALLAGHER, PETERSON, DORFMAN,
heart failure (FRIEDFELD and FISHBERG)	and Koch) 1937, 16, 705
1934, 13, 479	Virus: Distemper, pulmonary lesions in dog pneumo-
And posture in normal young women (McIntire	
and Turner) 1935, 14, 16	coccus carriers infected with (SUTLIFF)
	1938, <b>17</b> , *523
Blood volume and blood velocity rate in conges-	Encephalitis, St. Louis, changes in neutralizing
tive heart failure (GIBSON and EVANS)	antibodies in (GREUTTER, BROUN, CASEY, and
1937, 16, 851	MUETHER) 1938, 17, *502
Celluloid capsule for measuring (KROGH, TURNER,	—, — —, neutralization by serum (MUCKENFUSS,
and LANDIS) 1932, 11, 357	SMADEL, and Moore) 1935, 14, *699
Circulation rate and capacity of lungs in 50 pa-	1938, 17, 53
tients with cardiovascular disease and 50 nor-	—, — —, transmission from human brain to mice
mals (Blumgart and Weiss) 1928, 5, 379	and comparison of tracheobronchitis and pox
Effect of venesection on, in heart failure (ROBERT-	from (Province Management 1 Construction)
son and Fetter) 1935, 14, 305	from (Broun, Muether, and Collier)
Heart rate and blood volume in obstructing peri-	1934, 13, *701
4. 4. /m	
carditis (Burwell and Lyons) 1938, 17, *513	1934, 13, *701 Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119
carditis (Burwell and Lyons) 1938, 17, *513 High peripheral, in absence of congestive failure	1934, 13, *701 Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683	1934, 13, *701 Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119 Influenza, antigenic differences in strains (MAGILL
carditis (BURWELL and LYONS) 1938, 17, *513 High peripheral, in absence of congestive failure	1934, 13, *701 Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119 Influenza, antigenic differences in strains (MAGILL and FRANCIS) 1938, 17, *501
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683	1934, 13, *701  Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119  Influenza, antigenic differences in strains (MAGILL and FRANCIS) 1938, 17, *501  —, human, immunization by (STOKES, CHENO-
carditis (Burwell and Lyons) 1938, 17, *513 High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683 In anesthesia (Meyer and Middleton) 1929, 7, *520 1929, 8, 15	1934, 13, *701  Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis) 1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw)
carditis (Burwell and Lyons) 1938, 17, *513 High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683 In anesthesia (Meyer and Middleton) 1929, 7, *520	1934, 13, *701  Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119  Influenza, antigenic differences in strains (MAGILL and FRANCIS) 1938, 17, *501  —, human, immunization by (STOKES, CHENOWETH, WALTZ, GLADEN, and SHAW) 1937, 16, 237
carditis (BURWELL and LYONS) 1938, 17, *513 High peripheral, in absence of congestive failure (FERRIS and McGuire) 1937, 16, *683 In anesthesia (MEYER and MIDDLETON) 1929, 7, *520 1929, 8, 15 In arteriovenous fistula (BURWELL and KENNEDY) 1937, 16, *671	1934, 13, *701  Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis) 1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw) 1937, 16, 237  —, —, recovered from clinical cases (Francis and
carditis (BURWELL and LYONS) 1938, 17, *513 High peripheral, in absence of congestive failure (FERRIS and McGuire) 1937, 16, *683 In anesthesia (MEYER and MIDDLETON) 1929, 7, *520 1929, 8, 15 In arteriovenous fistula (BURWELL and KENNEDY) 1937, 16, *671	1934, 13, *701  Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis) 1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw) 1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill) 1935, 14, *699
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683  In anesthesia (Meyer and Middleton) 1929, 7, *520 1929, 8, 15  In arteriovenous fistula (Burwell and Kennedy)	1934, 13, *701  Herpetic pharyngitis and stomatitis (Long) 1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis) 1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw) 1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill) 1935, 14, *699  Poliomyelitis neutralization tests (Brodie,
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683  In anesthesia (Meyer and Middleton)  1929, 7, *520 1929, 8, 15  In arteriovenous fistula (Burwell and Kennedy) 1937, 16, *671  Increased, relation of orthopnea to, in myocardial failure (Ernstene and Blumgart)  1929, 7, *493	Herpetic pharyngitis and stomatitis (Long)  1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis)  1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw)  1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill)  Poliomyelitis neutralization tests (Brodie, Fischer, and Stillerman)  1937, 16, 447
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683  In anesthesia (Meyer and Middleton)  1929, 7, *520 1929, 8, 15  In arteriovenous fistula (Burwell and Kennedy) 1937, 16, *671  Increased, relation of orthopnea to, in myocardial failure (Ernstene and Blumgart)  1929, 7, *493  —, vasoconstriction as response to (SODEMAN.	Herpetic pharyngitis and stomatitis (Long)  1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis)  1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw)  1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill)  1935, 14, *699  Poliomyelitis neutralization tests (Brodie, Fischer, and Stillerman)  1937, 16, 447  Spotted fever, isolation of new type (Reimann,
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683  In anesthesia (Meyer and Middleton)  1929, 7, *520 1929, 8, 15  In arteriovenous fistula (Burwell and Kennedy) 1937, 16, *671  Increased, relation of orthopnea to, in myocardial failure (Ernstene and Blumgart)  1929, 7, *493  —, vasoconstriction as response to (Sodeman, Burch, and Turner)  1937, 16, *672	Herpetic pharyngitis and stomatitis (Long)  1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis)  1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw)  1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill)  1935, 14, *699  Poliomyelitis neutralization tests (Brodie, Fischer, and Stillerman)  1937, 16, 447  Spotted fever, isolation of new type (Reimann, Ulrich, and Fisher)  1932, 11, *812
carditis (Burwell and Lyons) 1938, 17, *513  High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683  In anesthesia (Meyer and Middleton)  1929, 7, *520 1929, 8, 15  In arteriovenous fistula (Burwell and Kennedy) 1937, 16, *671  Increased, relation of orthopnea to, in myocardial failure (Ernstene and Blumgart)  1929, 7, *493  —, vasoconstriction as response to (Sodeman, Burch, and Turner)  1937, 16, *672	Herpetic pharyngitis and stomatitis (Long)  1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis)  1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw)  1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill)  1935, 14, *699  Poliomyelitis neutralization tests (Brodie, Fischer, and Stillerman)  1937, 16, 447  Spotted fever, isolation of new type (Reimann, Ulrich, and Fisher)  1932, 11, *812  Vaccine, cultivation in artificial media (Nye and
carditis (Burwell and Lyons) 1938, 17, *513 High peripheral, in absence of congestive failure (Ferris and McGuire) 1937, 16, *683 In anesthesia (Meyer and Middleton) 1929, 7, *520 1929, 8, 15 In arteriovenous fistula (Burwell and Kennedy) 1937, 16, *671 Increased, relation of orthopnea to, in myocardial failure (Ernstene and Blumgart) 1929, 7, *493 —, vasoconstriction as response to (SODEMAN,	Herpetic pharyngitis and stomatitis (Long)  1933, 12, 1119  Influenza, antigenic differences in strains (Magill and Francis)  1938, 17, *501  —, human, immunization by (Stokes, Chenoweth, Waltz, Gladen, and Shaw)  1937, 16, 237  —, —, recovered from clinical cases (Francis and Magill)  1935, 14, *699  Poliomyelitis neutralization tests (Brodie, Fischer, and Stillerman)  1937, 16, 447  Spotted fever, isolation of new type (Reimann, Ulrich, and Fisher)  1932, 11, *812

Virus—continued:	Vitamin(s)—continued:
—, stable antigen of (PARKER) 1937, 16, *657	— of blood, determination (PIJOAN and KLEM-
Varicella in monkeys; nuclear inclusions produced by varicella virus in the testicles of monkeys	PERER) 1937, 16, 443  —, renal threshold for (FAULKNER and TAYLOR)
(Rivers) 1927, 4, *446	1938, 17, 69
Vision: Adaptation in relation to vitamin A defi-	- requirements in man (HEINEMANN)
ciency, photometric studies (YOUMANS, COR-	1938, 17, 671
LETTE, FRANK, and CORLETTE) 1937, 16, *665	in peptic ulcer (EMERY, WARREN, and
Vital capacity: In the Negro race (SMILLIE and	Pijoan) 1938, 17, *528
Augustine) 1926, 2, *601	<ul> <li>saturation levels in normals and in pathological</li> </ul>
Vitamin(s): A deficiency, photometric studies of	conditions (FINKLE) 1937, 16, 587
visual adaptation in relation to (Youmans,	— treatment of thrombocytopenic purpura (MIL-
CORLETTE, FRANK, and CORLETTE)	LER and RHOADS) 1936, 15, *462
1937, 16, *665	—, urinary excretion of, critical remarks on deter-
B content of cancer (JACKSON and KRANTZ) 1928, 6, *23	mination (VAN EEKELEN and HEINEMANN) 1938, 17, 293
1929, 6, 609	D and dihydrotachysterol, effect on calcium and
B deficiency, clinical study (ELSOM)	phosphorus metabolism in hypoparathyroidism
1934, 13, *716	(Albright, Bloomberg, Drake, and Sulko-
1935, 14, 40	WITCH) 1938, 17, 317
during pregnancy, chronaximetric examina-	—, calcium and phosphorus in pregnancy (NICH-
tions (Lewy) 1937, 16, 475	OLAS and KUHN) 1932, 11, 1313
——, macrocytic anemia in pregnant women (EL-	—, effect on calcium and phosphorus metabolism
som) 1937, 16, 463 —, effect on hematopoiesis in rat (Bethell and	(Albright and Sulkowitch) 1938, 17, 305—therapy in osteomalacia, calcium and phos-
Sturgis) 1935, 14, *721	phorus metabolism (Liu, Su, Chou, Chu,
—, relation to serum proteins and edema (FIELD)	WANG, and CHANG) 1937, 16, 603
1937, <b>16</b> , *663	-, viosterol, effect on platelets (Thompson and
B <sub>1</sub> deficiency, bisulphite binding of blood in health	HADSELL) 1931, 10, *163
and disease with special reference to (TAYLOR,	-, -, response of blood platelets to administra-
Weiss, and Wilkins) 1937, 16, 833	tion (THOMPSON and BARR) 1930, 9, *32
—, phosphorylated, catalyst for oxidation of py-	D <sub>2</sub> in chronic parathyroid tetany (KLATSKIN)
ruvic acid (Barron and Lyman)	1938, 17, 431
1938, 17, *527	See also various deficiency syndromes  Vomiting: Induced by quinidine (ERNSTENE and
B <sub>6</sub> and unsaturated fatty acid factor (Вівсн) 1938, <b>17</b> , *528	Lewis) 1932, 11, *826
C and inulin clearances, simultaneous (RALLI,	
FRIEDMAN, and RUBIN) 1938, 17, *504	$\mathbf{w}$
—, blood distribution and urinary excretion	Wassermann reaction: Anticomplementary, associ-
(HEINEMANN) 1938, 17, *528	ated with hyperproteinemia (GUTMAN and WIL-
— deficiency with anemia in guinea pig (METTIER)	LIAMS) 1936, 15, *458
1938, 17, *528	Water: And acid-base balance in edema (HASTINGS,
<ul> <li>distribution between cells and serum in relation</li> </ul>	LIU, and DIEUAIDE) 1931, 10, *683 And base balance of body (LAVIETES, D'ESOPO,
to urinary excretion (HEINEMANN)	and Harrison) 1935, 14, 251
1938, 17, 751	And electrolytes in brain, muscle, and liver, effect
—, effect on serum cholesterol (Fitz and Mosen-	of hyperthermia on distribution (YANNET and
THAL) 1936, 15, *474 — excretion and saturation (YOUMANS, CORLETTE,	DARROW) 1938, 17, 87
AKEROYD, and FRANK) 1935, 14, *698	And salt metabolism of adrenal insufficiency and
—— in human kidney (RALLI, FRIEDMAN, and	partial starvation in rats (RUBIN and KRICK)
Rubin) 1938, 17, 765	1936, 15, 685 And sodium chloride balance before and after op-
- in cerebrospinal fluid (PIJOAN, ALEXANDER, and	erations (Stewart, Talbott, and Churchill)
Wilson) 1938, 17, 169	1933, 12, *978
— in infection (FAULKNER and TAYLOR)	Balance and blood volume in hyperthermia (GIB-
1936, 15, *472	son and Kopp) 1938, 17, 219
— in rheumatic fever, index of utilization (SEN-	—, disturbed, intravenous injection of sodium
DROY and SCHULTZ) 1936, 15, 369	r-lactate (HARTMANN and SENN) 1932, 11, 345
————, test of therapeutic action (SCHULTZ) 1936, 15, 385	, effect of alcohol on electrolyte and (NICHOL- SON and TAYLOR) 1937, 16, *668
1930, 13, 363	SON GREET TRUE, USO, 1901, 10, USO

Water—continued:	Water—Intinued:
-, - of epileptic convulsions and ketogenic diet	—, —, in disease (WINKLER) 1937, 16, *676
(BYROM and WILDER) 1931, 10, *655	-, intracellular, in hemorrhage (STEWART and
-, improved method for determination (WILEY	ROURKE) 1936, 15, 697
and Newburgh) 1931, 10, 723	Preformed, nature of (PETERS and LAVIETES)
-, in pulmonary tuberculosis (Gordon, Tai, and	1933, <b>12</b> , 695
TITHERINGTON) 1931, 10, *670	Retention and hypertension in pregnancy
Body, an hypothesis concerning transportation of	(STRAUSS) 1938, 17, *509
(Buckman and Darrow) 1925, 1, *582	- and nutritional deficiency in toxemias of preg-
-, distribution of, with changes in extracellular	nancy (STRAUSS) 1935, 14, *710
electrolyte (DARROW and YANNET) 1935, 14, 266	Tissue changes following administration of exces-
-, evaporation in lobar pneumonia (ANDERSON)	sive quantities (GREENE and ROWNTREE)
1938, 17, 331	1930, 9, *6
Content of plasma, effect of salyrgan on (SCHMITZ)	See also Electrolytes; various salts, etc.
1933, 12, 741	Weather: Arthritic pain in relation to (RENTSCHLER,
Dehydration, factors in, following pyloric obstruc-	VANZANT, and ROWNTREE) 1929, 7, *311
tion (GAMBLE and Ross) 1925, 1, 403	(Rowntree, Rentschler, and Vanzant)
— of infants, blood volume and plasma electro-	1929, <b>7</b> , <b>*</b> 516
lyte changes (McIntosh, Kajdi, and Meeker)	Weight: Loss, basal insensible, relationship between
1930, 9, 333	environment and (WILEY and NEWBURGH)
—, use of single solution in treatment of acidosis,	1931, <b>10</b> , 689
alkalosis, and (HARTMANN) 1930, 8, *668	Prediction through stature and pelvic breadth
Diabetic acidosis, treatment with salt and (Kydd)	(Gray) 1928, 6, *27
1933, 12, 1169	Work: See Heart; Metabolism
Distribution and electrolyte changes induced ex-	₩
perimentally by deficit of extracellular electro-	X
lyte (DARROW and YANNET) 1935, 14, *704	Xanthomata: Caused by low caloric diet (Curtis,
— in adrenal insufficiency, electrolytes and (HAR- RISON and DARROW) 1938, 17, 77	WILE, and ECKSTEIN) 1929, 7, 249
Diuresis, mechanism of (Fremont-Smith, Fre-	Cutaneous, blood lipids after ingestion of fat in
MONT-SMITH, DAILEY, SOLOMON, STETTEN, and	normals and in disseminated (CHAIKOFF, Mc-
Carroll) 1930, 9, *7	GAVACK, and KAPLAN) 1934, 13, 1
Diurnal rhythm in mineral exchange and (MAN-	X-rays: See Roentgen rays
CHESTER) 1933, 12, 995	Xylose: Excretion, action of phlorizin on (CHASIS,
Effect of alcohol on electrolyte balance and (NICH-	JOLLIFFE, and SMITH) 1933, 12, 1083
OLSON and TAYLOR) 1938, 17, 279	—as index of renal function (FISHBERG and
Electrolytes and heat during phenylethylhydan-	FRIEDFELD) 1932, 11, 501
toin sickness (ROCKWELL) 1935, 14, 202	— in pernicious anemia (Helmer and Fours)
Exchange, calculation (PETERS, KYDD, and LA-	1937, 16, 343
VIETES) 1933, 12, 689	— of inulin, urea and, in normal and phlorizinized
(Newburgh, Wiley, and Johnston)	man (SHANNON and SMITH) 1935, 14, 393
1933, 12, 1151	— of sodium benzoate, urea and, in pernicious
—, metabolic measurement (LAVIETES)	anemia in relation to liver extract dosage (ZER-
1935, 14, 57	FAS, HELMER, and FOUTS) 1936, 15, *469
-, total (Newburgh, Johnston, and Falcon-	Intestinal absorption of, influence of thyroid gland
Lesses) 1930, <b>8</b> , 161	(Althausen) 1937, 16, *658 Renal excretion of (Dominguez and Pomerene)
Excretion of solids and, by normal and abnormal	
kidneys (Lashmet and Newburgh)	193 <b>4, 13,</b> 753 <b>Y</b>
1932, 11, 1003 Extracellular fluids of body, volume of (LAVIETES,	
Bourdillon, and Peters) 1935, 14, *705	Yaws: Bone lesions in (TURNER and SAUNDERS)
(Lavietes, Bourdillon, and Klinghoffer)	1933, 12, *971
1936, 15, 261	Yeast: Non-autolyzed, in treatment of pernicious
Forced drinking of, in epileptic children, effects of	anemia (WINTROBE) 1938, 17, *501
pituitary antidiuresis and (McQUARRIE and	
Peeler) 1931, 10, 915	· <b>Z</b>
Intoxication (SMYTH, DEAMER, and PHATAK)	
Intoxication (SMITH, DEAMER, and PHATAK)	Zinc: And insulin content in normal and diabetic

1933, 12, 55

Loss, insensible, and heat production in hypo-

thyroidism (GILLIGAN and EDSALL) 1935, 14, 659

pancreas (Scott and FISHER)

Ночт)

Excretion in health and disease (FAIRHALL and

1938, 17, 725

1929, 7, 537