

**Lymphatic circulation**, disturbances of, iii. 124  
**Lymphatic constitution**, vii. 446  
**Lymphatic diathesis**, vii. 446  
**Lymphatic duct**, v. 645; and see *Thoracic duct*  
 right, v. 646  
**Lymphatic dyscrasia**, vii. 446  
**Lymphatic glands**, v. 624, 656  
 amyloid degeneration, i. 270  
 anterior auricular, v. 630  
 antebrachial, v. 632  
 axillary, v. 632  
 brachial, v. 632  
 bronchial, v. 644  
 celiac, v. 640  
 deep cervical, v. 631; vi. 199  
 diseases of, v. 659  
 dorsal mediastinal, v. 644  
 ectal brachial, v. 632  
 cervical, v. 630  
 inguinal, v. 634  
 ental brachial, v. 632  
 cervical, v. 631  
 inguinal, v. 634  
 extract of, vi. 414  
 hæmatopoietic functions of, vi. 413  
 hyaline deposits in, iv. 773  
 hypogastric, v. 640  
 iliac, v. 640  
 inferior jugular, v. 631  
 inguinal, v. 634  
 in Hodgkin's disease, iv. 729  
 intercostal, v. 644  
 lumbar, v. 640  
 mastoid, v. 630  
 mediastinal, v. 644  
 mesenteric, v. 641  
 methods of injecting, v. 658  
 occipital, v. 630  
 of the abdominal and pelvic cavities, v. 640  
 of the arm and shoulder, v. 632  
 of the head and neck, v. 630  
 of the leg, v. 634  
 of the neck, v. 630; vi. 198  
 of the obturator foramen, v. 633  
 of the thorax, v. 644  
 parotid, v. 630  
 pectoral, v. 644  
 popliteal, v. 634  
 posterior auricular, v. 630  
 prescapular, v. 635  
 sacral, v. 640  
 sarcoma of, ii. 643  
 sternal, v. 644  
 structure of, v. 656  
 subauricular, v. 630  
 submaxillary, v. 630; vi. 199  
 suboccipital, v. 630  
 superficial brachial, v. 632  
 cervical, v. 630; vi. 199  
 cubital, v. 632  
 facial, v. 630  
 jugular, v. 630  
 supraclavicular, v. 631  
 suprahyoid, vi. 199  
 supratrochlear, v. 632  
 thoracic, v. 644  
 tuberculosis of, vii. 902  
 ventral mediastinal, v. 644  
 zygomatic, v. 630  
**Lymphatic plexus**, bronchial, v. 644  
 celiac, v. 641  
 hypogastric, v. 640  
 iliac, v. 640

**Lymphatic plexus**, intercostal, v. 644  
 lumbar, v. 640  
 mediastinal, v. 644  
 mesenteric, v. 641  
 sacral, v. 640  
 sternal, v. 644  
**Lymphatic system**, v. 624  
 definition, v. 624  
 development of, v. 657  
 diseases and injuries of, v. 659  
 general structure of, in man and animals, v. 626  
 historical, v. 625  
 in childhood, ii. 831  
 in the brain, ii. 263  
 methods of injecting, v. 658  
 topographical anatomy of, v. 626  
 truncus jugularis, v. 631  
**Lymphatic trunks**, v. 645  
**Lymphatic vessels**, v. 624  
 afferent, v. 656  
 ectal, of the head, face, and neck, v. 627  
 efferent, v. 656  
 ental, of the head, face, and neck, v. 627  
 in cardiac muscle, vi. 20  
 in striated muscles, vi. 18  
 in unstriated muscular tissue, vi. 22  
 methods of injecting, v. 658  
 of the abdomen, v. 635  
 of the adrenals, v. 637  
 of the arm and shoulder, v. 631  
 of the axilla, vii. 209  
 of the brain, ii. 263  
 of the bronchi, v. 584, 644  
 of the central nervous system, v. 629  
 of the diaphragm, v. 642  
 of the ear, v. 628  
 of the external ear, v. 627  
 of the external genitals, v. 635  
 of the eye and orbit, v. 628  
 of the eyelids, v. 627  
 of the face, v. 627  
 of the foot, v. 633  
 of the hand, v. 631  
 of the heart, v. 643  
 of the internal genitals (female), v. 637  
 of the internal genitals (male), v. 636  
 of the intestine, v. 637  
 of the kidney, v. 315  
 of the larynx, v. 410, 629  
 of the leg and thigh, v. 633  
 of the liver, v. 639  
 of the lungs, v. 584, 644  
 of the mammary gland, ii. 470; v. 640  
 of the meninges, v. 629  
 of the mouth, pharynx, and larynx, v. 628  
 of the neck, v. 630  
 of the nose, v. 627; vi. 106  
 of the œsophagus, v. 643  
 of the pancreas, v. 638  
 of the pelvic limb, v. 633  
 of the pelvic and abdominal viscera, v. 636  
 of the perineum, v. 635  
 of the pleura, v. 585  
 of the skin, viii. 561  
 of the spleen, v. 638  
 of the stomach, v. 637  
 of the tongue, v. 629

**Lymphatic vessels of the tonsils**, v. 629  
 of the trachea, v. 644  
 of the thoracic limb, v. 631  
 of the thorax, v. 641  
 of the umbilical cord, viii. 5  
 of the urinary organs, v. 635, 637  
 origin of, v. 651  
 structure, v. 655  
 tumors of, i. 352; and see *Lymphangioma*  
 valves, v. 655  
**Lymphatic vessels, diseases of**, v. 664, 666  
 injuries to, v. 666  
 parasites in, vi. 501  
 varices of, iii. 78  
**Lymphatism**, vii. 446  
**Lymphatolytic serum**, viii. 477  
**Lymphocytosis**, v. 492  
 diagnostic value of, v. 493  
**Lymphœdema**, v. 666  
**Lymphoid cells in inflammation**, v. 4  
 tissue, iii. 254; v. 657  
**Lymphoma**, v. 663; vii. 36, 907  
 classification, v. 663  
 malignant, iv. 728; vii. 36; and see *Hodgkin's disease*  
 of the eyelids, iv. 107  
 of the mediastinal glands, v. 730  
 of the orbit, iv. 115  
 of the tonsil, vii. 822  
**Lymphomatosis**, iv. 728; and see *Hodgkin's disease*  
**Lymphorrhagia**, v. 666  
**Lymphosarcoma**, ii. 643; iv. 728; v. 662; vii. 36, 907  
 differentiated from Hodgkin's disease, iv. 731  
 of the lachrymal glands, iv. 116  
 of the mediastinal glands, v. 730  
**Lyra**, ii. 180  
**Lysatin**, i. 68  
**Lysatinin**, i. 68  
**Lysidin**, v. 669  
 bitartrate, v. 669  
**Lysin**, i. 68  
**Lysins**, iv. 844  
**Lysoform**, iv. 246; v. 669  
**Lysol**, v. 669  
 poisoning by, v. 670  
**Lysulfol**, v. 670  
**Lytta vesicatoria**, ii. 651  
**Mace**, v. 670; vi. 307  
 Banda, v. 670  
**Macewen's method of treatment of inguinal hernia**, iv. 675  
**Machinery, accidents by**, to prevent, vi. 330  
**Macis**, v. 670  
**Maclaya cordata**, ii. 112  
**Macrobasis unicolor**, v. 165  
**Macrobdella**, iv. 701  
 decora, iv. 702  
**Macrocardius**, vii. 679  
**Macrocheilia**, i. 352  
**Macroductylism**, iv. 498  
**Macrogenesy**, viii. 458  
**Macroglossia**, i. 352; vii. 798  
**Macromyelom**, ii. 154  
**Macrophages**, vi. 578  
**Macropodia**, see *Pes gigas*, vi. 574  
**Macrosomia**, vii. 672  
**Macrostomia**, viii. 490  
**Macrostomus**, vii. 701

**Macula acustica**, i. 621  
 lutea, iv. 77  
**Madder**, v. 670  
**Maddox's "glass-rod" test**, iii. 492; vi. 397  
**Madeira**, v. 670  
**Madrua Springs**, v. 671  
**Madura foot**, i. 101  
**Magendie's foramen** of, ii. 154  
**Magendie's solution**, v. 864  
**Magistry of bismuth**, i. 761  
**Magma reticulare**, iii. 798  
**Magnesia**, v. 672  
 alba, v. 672  
 as a laxative, v. 468  
 as an antidote, i. 372  
 calcined, v. 672  
 creosote, v. 673  
 Ellis', v. 672  
 heavy, v. 672  
 Henry's, v. 672  
 Husband's, v. 672  
 hydrate of, v. 672  
 light, v. 672  
 milk of, v. 672  
 ponderosa, v. 672  
**Magnesium**, v. 672  
 carbonate, v. 672  
 antidotal value of, i. 372  
 as a laxative, v. 468  
 citrate, v. 673  
 creosotate, v. 673  
 hydrate, antidotal value of, i. 372  
 hydroxide, v. 672  
 ichthyolate, v. 673  
 in urine, vii. 56  
 loretinates, v. 673  
 oxide, v. 672  
 phenol sulphonate, v. 673  
 sulphate, v. 673  
 antidotal value of, i. 373  
 sulphophenate, v. 673  
**Magnetic method of hypnosis**, iv. 813  
**Magnetic Mineral Spring**, v. 673  
**Magnetism, animal**, see *Hypnosis*, iv. 811  
**Magnets for the removal of foreign bodies in the eye**, iv. 104  
**Magnification, table of**, ii. 70  
**Magnolia**, v. 674  
 acuminata, v. 674  
 tripetala, v. 674  
 virginiana, v. 674  
**Magnolia Spring**, v. 674  
**Magnoliaceæ**, v. 674  
**Magnolin**, v. 674  
**Mahan's stretcher**, vi. 188  
**Maidismus**, vi. 520  
**Maine**, requirements for medical practice in, iv. 48  
**Maisonneuve's urethrotome**, viii. 23  
**Maize**, toxic effect of, see *Pellagra*  
**Maizenic acid**, iii. 291  
**Mal**, grand, iii. 845  
 petit, iii. 845  
**Malabathrum leaves**, iii. 94  
**Malacosteon**, vi. 426  
**Malakin**, v. 674  
**Malaria**, v. 674; vi. 655; and see *Malarial fevers*, *Plasmodium malariae*  
 among troops, ii. 581; v. 813  
 arsenic for, i. 523  
 conditions favoring occurrence of, vi. 655

**Malaria**, diagnosed from yellow fever, viii. 595  
 differential diagnosis of, v. 535  
 drowsiness in, iii. 560  
 in the new-born, vi. 278  
 parasite of, vi. 657; and see *Plasmodium malariae*  
 plasmodium of, vi. 655  
 relation of mosquitoes to, v. 869; vi. 656  
 treatment, i. 377  
 tropical, v. 680  
**Malarial cachexia**, v. 680  
**Malarial diseases**, v. 674  
**Malarial fevers**, v. 674; and see *Intermittent fever*, *Remittent fever*  
 æstivo-autumnal, v. 677  
 classification, v. 674  
 continued, v. 677  
 double tertian, v. 675  
 intermittent, v. 675  
 masked intermittent, v. 677  
 methylene blue for, v. 782  
 pernicious, v. 679  
 quartan, v. 675  
 quotidian, v. 675  
 relation of dengue to, iii. 402  
 remittent, v. 677  
 tertian, v. 675  
 triple quartan, v. 675  
**Malarial pigment**, vi. 635  
**Malarin**, v. 680  
**Malassez's artificial capillary**, ii. 41  
**Malaxation**, v. 694  
 in treatment of aneurism, i. 332  
**Mal de los pintos**, vi. 637  
**Malformations**, vii. 668; and see *Teratology*  
 by defect, vii. 695  
 classification, vii. 672  
 due to agenesis, i. 140  
 frequency, vii. 672  
 hermaphroditic, vii. 711  
 in insanity, v. 51  
 in the new-born, v. 276  
 of the abdomen, vii. 702  
 of the adrenals, vii. 566  
 of the brain, vii. 698  
 of the circulatory organs, vii. 706  
 of the cornea, iii. 289  
 of the diaphragm, vii. 703  
 of the digestive tract, vii. 703  
 of the external auditory canal, iii. 613  
 of the extremities, vii. 713  
 of the eye, vii. 699  
 of the face and neck, vii. 699  
 of the heart, vii. 706  
 of the integument, vii. 717  
 of the larynx, v. 419  
 of the œsophagus, vi. 338  
 of the omentum, vi. 358  
 of the pharynx, vi. 600  
 of the respiratory tract, vii. 705  
 of the seminal vesicles, vii. 190  
 of the sexual organs, vii. 710  
 of the spleen, vii. 705  
 of the suprarenals, vii. 705  
 of the thorax and abdomen, vii. 702  
 of the umbilicus, viii. 6  
 of the ureters, viii. 11  
 of the urogenital organs, vii. 707  
 of the uterus, viii. 72  
 of the uvula, viii. 109  
 of the vagina, viii. 183

**Malformations of the vulva**, viii. 160  
 of the Wolffian body, viii. 580  
**Malgaigne's operation**, cheiloplasty, vi. 902  
 for harelip, iv. 536  
**Malic acid**, v. 680  
**Malignant growths**, Dawbarn's operation for, v. 681  
 extirpation of both carotids in, v. 681  
 starvation of, v. 680  
**Malignant hemorrhagic measles**, v. 717  
 jaundice, see *Liver, acute yellow atrophy of*  
 leiomyoma, vii. 35  
 lymphoma, vii. 36  
 measles, v. 717  
 œdema, iv. 308; vi. 610; and see *Gangrene (Surgical)*  
 ophthalmia, vii. 591  
 pustule, i. 363; and see *Anthrax spinal disease*, vii. 387  
 tumors, see *Tumors and Carcinoma*  
 karyokinesis, evidence of, v. 301  
 uveitis, vii. 591  
**Malingering among soldiers**, ii. 622  
 in insanity, v. 68  
**Mallein**, iv. 352  
 test for glanders, iv. 352; viii. 233  
**Malleo-incudal joint**, iii. 586  
**Malleoli**, fracture of, iv. 268  
**Malleotomy for club-foot**, iv. 226  
**Mallet for use in mastoid operations**, v. 702  
**Mallet finger**, iv. 517  
**Malleus**, i. 616; iii. 584; vi. 126  
 removal of, iii. 672  
**Mallez's vesical dynamometer**, iii. 564  
**Mallotus philippinensis**, v. 300  
**Malmagnatte**, v. 159  
**Malpighian bodies**, in the kidney, v. 310  
 in the spleen, vii. 417  
**Malpractice**, v. 682; viii. 510  
 civil, v. 682  
 criminal, v. 682  
 suits for, following dislocations, iii. 509  
**Malt**, i. 169; v. 683  
 administration of, v. 685  
 adulteration of, v. 684  
 composition of, v. 683  
 contraindications to use of, v. 684  
 extract of, v. 684, 685  
 incompatibles, v. 684  
 liquors as beverages for soldiers, v. 806  
 manufacture of, v. 683  
 physiological action of, v. 684  
 preparations, v. 683  
 tests for diastatic activity, v. 683  
 therapeutics of, v. 685  
**Malta fever**, v. 685  
 serum diagnosis in, vii. 132  
**Maltase**, an enzyme, iii. 843  
**Malum coxæ**, v. 273  
 senile, v. 273  
**Malva**, v. 686  
**Malvaceæ**, v. 686  
**Mamma**, ii. 461  
 abnormalities of, vii. 717

**Mamma**, abscess of, ii. 474  
absence of, ii. 464, 471  
adeno-carcinoma of, i. 114  
adenoma of, i. 113  
amazias, ii. 471  
arteries of, ii. 469  
at puberty, ii. 463  
carcinoma of, ii. 476, 630  
contusions of, ii. 473  
cystadenoma of, iii. 344  
cysts of, ii. 475; iii. 351  
development of, ii. 461  
diseases of, ii. 471  
of the nipple, ii. 473  
during pregnancy, ii. 464, 468;  
iv. 340, 344; v. 381  
elephantiasis of, iii. 783  
embryology, ii. 461  
enchondroma of, ii. 476  
fibroma of, ii. 475; iv. 155  
hyperesthesia of, ii. 473  
hypertrophy of, ii. 472  
inflammation of, ii. 474  
irritable, ii. 473  
lipoma of, ii. 476  
lymphatics of, ii. 470; v. 641  
melanosarcoma of, ii. 630  
myxoma of, vi. 89  
nerves of, ii. 470  
neuralgia of, ii. 473  
polymastia, ii. 471  
rudimentary, ii. 465  
sarcoma of, ii. 476, 643  
secretion in the, ii. 471; vii. 101  
supernumerary, ii. 465, 471  
tuberculosis of, ii. 474  
tumors of, ii. 475  
veins of, ii. 470  
wounds of, ii. 473  
**Mammary artery**, internal, anomalies of, i. 529  
internal lateral, i. 529  
**Mammary glands**, ii. 461; and see *Mamma*  
extract of, vi. 416  
specific action of, v. 818  
**Mammary hillock**, ii. 462  
line, ii. 461  
streak, ii. 461  
**Mammary vein**, internal, anomalies of, viii. 202  
**Man**, ancestry of, iv. 38  
evolution of, iv. 38  
growth of, iv. 417  
haemolymph glands in, iv. 469  
influence of climate on, iii. 146  
pigments found in, iii. 224  
**Manaca**, v. 686  
**Manchineel**, poisonous plant, vi. 699  
**Manclaire - Gersuny operation**, viii. 26  
**Mancona bark**, vii. 42  
**Mandarin**, iii. 127  
**Mandioca**, vii. 638  
**Mandragora officinale**, poisonous, i. 610  
officinatum, vi. 690  
**Mandrake**, vi. 688  
poisonous, i. 610  
**Manganese**, v. 686  
black oxide of, v. 686  
dioxide of, v. 686  
permanganate, v. 686  
poisoning by salts of, v. 687  
sulphate, v. 686  
**Manhattan Artesian Wells**, v. 687

**Mania**, v. 128  
acute delirious, v. 79; see *Insanity, confusional*  
chronic, v. 128  
homicidal, v. 133  
mitis, v. 123  
of dementia præcox, v. 104  
reasoning, v. 137; and see *Paranoia*  
subacute, v. 123  
suicidal, v. 133  
**Mania a potu**, v. 83  
**Manic-depressive insanity**, see *Insanity, manic-depressive*  
**Manihot**, vii. 638  
aipha, vii. 638  
Glaziovii, vii. 638  
utilissima, vii. 638  
**Manilla and the Philippines**, v. 688  
**Manioca**, vii. 638  
**Manitoba, Winnipeg**, viii. 313  
**Manitou Springs**, v. 691  
**Manna**, v. 692  
Alhagi, v. 692  
Briançon, v. 693  
cake-, v. 692  
flake-, v. 692  
oak, v. 693  
tamarisk, v. 693  
**Manna-ash**, v. 692  
**Mannit**, v. 692  
**Manometer**, iii. 98  
**Maple sugar**, vii. 548  
adulteration of, iv. 182  
**Maple syrup**, adulteration of, iv. 182  
**Maracaibo bark**, iii. 92  
**Maranta**, i. 522  
arundinacea, i. 522  
starch, i. 522  
**Marasmus**, iv. 284  
**Marching**, v. 814  
hygiene of, v. 814, 815  
**Mardela Springs**, v. 693  
**Marey's sphygmograph**, vii. 283  
**Marienbad**, v. 693  
**Marie's disease**, i. 86; and see *Acromegaly*  
**Marietta, Ga.**, v. 693  
**Marigold**, ii. 553  
**Marine**, articles of Geneva Convention concerning, iv. 739  
**Marjoram**, sweet, v. 379  
**Mark West Springs**, v. 694  
**Markasol**, v. 693  
**Marlborough system** of sewage disposal, vii. 138  
**Marmorek's media**, viii. 377  
**Marriage**, capacity to contract, iii. 129  
consanguineous, iii. 256  
relation to deaf-mutism, iii. 259  
fecundity of, viii. 247  
notification of, viii. 247  
of deaf-mutes, iii. 367, 604  
of insane people, v. 77  
**Marrow**, ii. 117  
cells, ii. 20  
red, formation of erythrocytes in, ii. 20  
**Marrow-lymph glands**, iv. 470; and see *Haemolymph glands*  
**Marrubin**, iv. 736  
**Marrubium**, iv. 736  
vulgare, iv. 736  
**Marsdenia condurango**, iii. 236

**Marsh gas**, i. 155  
**Marshmallow**, v. 694  
**Martha's vineyard**, vi. 97  
**Martin's bouillon**, viii. 371  
filter, viii. 382  
operation for saddle-nose, vi. 124  
**Maryland**, requirements for medical practice in, iv. 48  
**Masks for administering anaesthetics**, iii. 13  
**Masons' lungs**, v. 594  
**Mass**, v. 737  
blue, v. 750  
of copaiba, iii. 278  
of ferrous carbonate, v. 223  
of mercury, v. 750  
**Massachusetts**, coroner abolished in, iv. 43  
history of yellow fever in, viii. 586  
inspection and analysis of foods and drugs in, iv. 169  
laws relating to adulteration of foods and drugs in, iv. 168  
medical examiner in, iv. 43  
requirements for medical practice in, iv. 48  
**Massage**, v. 694  
à friction, v. 694  
diseases benefited by, v. 697  
douche, i. 161  
in ear diseases, iii. 653  
in fractures, iv. 256  
in intestinal obstruction, v. 173  
modes of applying, v. 694  
physiological effects of, v. 696  
**Massaneta Springs**, v. 699  
**Massasoit Spring**, v. 699  
**Massena or St. Regis Spring**, v. 699  
**Masseter muscle**, anomalies of, vi. 43  
**Mast-cell**, iii. 253  
**Mastic**, v. 699  
**Mastication**, v. 700  
anomalies of the muscles of, vi. 43  
effect on digestion, v. 700  
function of the teeth in, vii. 650  
mechanism of, v. 700  
muscles of, v. 700  
**Masticatory**, see *Cubebs, Matico, Kava, and Pepper*  
**Mastiche**, v. 699  
**Mastigodes hominis**, vi. 216  
**Mastitis**, ii. 474  
**Mastoid**, surgical anatomy of the, iii. 694  
structure of, iii. 695  
**Mastoid antrum**, i. 616; vii. 236  
**Mastoid cells**, i. 616  
indications for opening, v. 701  
measurements of, viii. 240  
**Mastoid chisels**, v. 702  
**Mastoid disease** as cause of headache, iv. 552  
differentiated from intracranial abscess, ii. 413  
**Mastoid gouges**, v. 702  
**Mastoid lymphatic glands**, v. 630  
**Mastoid operations**, v. 701  
indications for, v. 701  
preparation of patient for, v. 702  
Schwartz-Stacke's, v. 706  
Stacke's, v. 709  
the radical, v. 706  
the simple, v. 703

**Mastoid process**, hyperostosis of, iii. 682  
osteosclerosis of, iii. 682  
syphilitic affections of, iii. 682  
tenderness over, v. 701  
**Mastoiditis**, complication of suppurative otitis media, iii. 594  
**Masturbation and insanity**, v. 29  
cause of leucorrhœa, v. 495  
signs of, vi. 849  
**Mata's modification of O'Dwyer's tube**, iv. 144  
**Matches**, phosphorus poisoning from, vi. 622  
**Matchless Mineral Wells**, v. 713  
**Maté**, v. 713  
**Maternal impressions** a cause of deformity, iv. 491; vii. 672  
**Mathews' work on artificial parthenogenesis**, vi. 516  
**Mathieu's apparatus** for writer's cramp, iv. 529  
dynamometer, iii. 564  
rongeur forceps, v. 704  
tongue-holding forceps, iii. 12  
**Matico**, v. 713  
camphor, v. 714  
**Mating**, iv. 34  
apolegamic, iv. 34  
autogamic, iv. 34  
endogamic, iv. 34  
heterogamic, iv. 34  
homogamic, iv. 34  
pangamic, iv. 34  
random, iv. 34  
**Matricaria**, ii. 795  
Chamomilla, ii. 795  
**Mathews' Hot Springs**, see *Ferrous Hot Springs*  
**Matzoon**, v. 830  
**Maxilla**, diseases and injuries of, v. 247; see also *Jaws*  
dislocation of, iii. 512  
fracture of, v. 247, 252  
**Maxillary angle**, vii. 231  
**Maxillary artery**, internal, anomalies of, i. 527  
**Maxillary sinus**, vi. 104; vii. 233; and see *Antrum of Highmore*  
diseases of, vi. 146  
measurements of, viii. 240  
syphilitic lesions of, vii. 623  
**Maximum occipital point**, vii. 229  
**May-apple**, vi. 688  
**Maydl's method** of extirpating the urinary bladder, viii. 26  
**Mayor's scarf**, iv. 259  
**May-pop**, vi. 517  
**Mazoum**, v. 830; and see *Matzoon*  
**McBurney's point**, i. 424, 426  
**McCallister's Soda Springs**, v. 714  
**McCormac's method** of resection of shoulder, vi. 923  
**McGraw's ligature**, v. 181  
**McKenzie condenser**, iii. 662  
**McKinnell's circular ventilator**, iv. 757  
**Meadow saffron**, iii. 191  
**Meal**, flaxseed, v. 516  
**Measles**, v. 714  
and roetheln, diagnosis, vi. 998  
and scarlatina, diagnosis, vi. 998  
and smallpox, diagnosis, vii. 250  
atypical course, v. 717  
black, v. 717  
blindness in, ii. 12  
clinical history, v. 714

**Measles**, cold in treatment of, iii. 194  
coexistence with other eruptive fevers, v. 719  
complications of, v. 718  
death rate in, viii. 255  
decline, v. 717  
definition, v. 714  
diagnosis, v. 718  
differential diagnosis, v. 718  
eruption, v. 716  
etiology of, v. 720  
history, v. 714  
in armies, ii. 586  
incubation, v. 714  
in the new-born, vi. 278  
invasion, v. 715  
Koplik's sign, v. 715  
malignant, v. 717  
hemorrhagic, v. 717  
morbid anatomy of, v. 721  
pharyngitis in, vi. 592  
prognosis, v. 722  
prophylaxis, ii. 587; v. 723, 814  
reinfections, v. 720  
relapses, v. 720  
relation to scarlatina, vi. 997  
sequela, v. 720  
synonyms, v. 714  
treatment, v. 722  
without catarrh, v. 717  
eruption, v. 717  
**Measles, German**, see *Roetheln*  
**Measurements** of hollow viscera, viii. 238  
**Measures**, viii. 294  
metric system of, viii. 299  
**Measuring**, viii. 300  
machines for recording scoliosis, v. 462  
**Meat** as food for invalids, iii. 453  
digestibility of various kinds of, iii. 453  
for soldiers, v. 799  
poisonous, iii. 185  
**Meat-fly**, v. 154  
**Meat inspection**, v. 723  
**Meatotomy**, viii. 23  
**Meatus, external auditory**, i. 615  
absence of, iii. 621  
double, iii. 613  
fungous growths in, iii. 639  
**Mechanical causes** of chloasma, ii. 836  
stage, ii. 66  
**Meconic acid**, vi. 385, 386  
tests for, vi. 391  
**Meconin**, vi. 385  
**Meconium** (opium), vi. 383  
**Meconoisin**, vi. 385  
**Media**, method of measuring with tubes, viii. 380  
nutrient, preparation of, viii. 370  
**Median artery**, i. 530  
**Median nerve**, i. 453  
injuries of, i. 472  
paralysis of, i. 471  
**Mediastinal glands**, v. 644  
diseases of, v. 729  
lymphadenoma of, v. 730  
lymphoma of, v. 730  
lymphosarcoma of, v. 730  
tumors of, v. 730  
**Mediastinitis**, v. 732; vii. 756  
**Mediastinum**, vii. 749  
abscess of, v. 732  
anterior, v. 727  
dermoid cysts of, v. 730

**Mediastinum**, diseases of the, v. 727; vii. 756  
inflammation of, v. 732; vii. 756  
lymphatics of, v. 644  
posterior, v. 727  
syphilis of, v. 732  
tumors of, v. 730; vii. 756  
**Medical corps**, naval, vi. 185  
**Medical degrees**, length of professional courses necessary for, iv. 46  
necessary preliminary education for, iv. 46  
power to confer, iv. 46  
**Medical evidence**, expert, iv. 52  
examiner, iv. 43  
inspection of schools, vii. 72  
**Medical Lake**, v. 732  
**Medical officer**, army, duties of, v. 792  
for examining of recruits, vi. 846  
**Medical sects**, iv. 47  
**Medical service**, army, i. 492  
naval, vi. 185  
**Medical societies**, influence of, in raising medical education, iv. 46  
**Medical Springs, Medical Lake, Washington**, v. 732  
**Medicating** by direct application, v. 733  
by fumigation, v. 735  
by inunction, v. 735  
by the skin, v. 733, 735  
endermatic, v. 755  
hypodermatic, v. 735  
in childhood, iii. 551  
intravenous, v. 735  
modes of, v. 732  
of mucous membranes, v. 733  
of the bladder and urethra, v. 733  
of the conjunctiva, v. 733  
of the Eustachian tube and middle ear, v. 733  
of the larynx, v. 733  
of the mouth and pharynx, v. 733  
of the nasal cavity, v. 733  
of the respiratory mucous membrane, v. 733  
of the stomach and intestines, v. 734  
of the vagina and uterus, v. 734  
rectal, v. 735  
subcutaneous, v. 735  
through the avenue of the blood, v. 734  
**Medicerebral artery**, ii. 252  
**Medichoroid artery**, ii. 254  
**Medicinal incompatibility**, iv. 853  
**Medicinal Springs**, see *Mineral springs*  
**Medicinerea**, ii. 182  
**Medicines**, dosage of, iii. 550  
**Medicines**, forms of, v. 735  
abstract, v. 735  
acetum, v. 740  
aqua, v. 740  
bolus, v. 735  
bougie, v. 735  
capsules, v. 738  
cataplasma, v. 738  
cerate, v. 735  
charta, v. 737  
confection, v. 735  
decoction, v. 735  
disc, v. 736  
elixir, v. 736

Medicines, emplastrum, v. 738  
emulsion, v. 736  
extract, v. 736  
fluid extract, v. 736  
glycerite, v. 736  
honey, v. 736  
infusion, v. 736  
juice, v. 736  
liniment, v. 737  
liquor, v. 738  
mass, v. 737  
mel, v. 736  
mixture, v. 737  
mucilage, v. 737  
ointment, v. 737  
oleate, v. 737  
oleoresin, v. 737  
paper, v. 737  
pills, v. 737  
plaster, v. 738  
poultice, v. 738  
powder, v. 738  
resin, v. 738  
solution, v. 738  
spirit, v. 738  
succus, v. 736  
suppository, v. 739  
syrup, v. 739  
tablet, v. 739  
tincture, v. 739  
tinctures of fresh herbs, v. 739  
trituration, v. 739  
troche, v. 739  
unguentum, v. 737  
vinegar, v. 745  
vinum, v. 740  
wafers, v. 738  
water, v. 740  
wine, v. 740

Mediocommissure, ii. 166  
Medicorua, ii. 173  
Medicorua vein, ii. 257  
Medidural artery, ii. 249  
veins, ii. 255  
Medifrontal fissure, ii. 193  
gyre, ii. 193  
Medioptic artery, ii. 254  
Medio-tarsal amputation, i. 257  
Mediparietal artery, ii. 253  
Mediterranean fever, v. 685  
Medulla oblongata, ii. 154  
development of, ii. 280  
diseases of, see *Pons and medulla, diseases of*  
lesions of, a cause of hemiplegia, iv. 633  
diagnosis of, ii. 287  
nerve centres in, ii. 291  
tumors of, ii. 443  
diagnosis of, ii. 448  
Medulla of bone, ii. 117  
of hair, viii. 566  
Medullary cords, vi. 449  
Medullary narcosis in obstetrics, v. 388  
Medullary plate, ii. 268  
Megalopthalmos, cornea of, iii. 289  
Megalosporon, vii. 783  
ectothrix of scalp, vii. 782  
endothrix of scalp, vii. 782  
Megastoma entericum, viii. 536  
intestinale, viii. 536  
Meibomian glands, iv. 117; viii. 559  
Meissel's test for boric acid in milk, v. 840  
Meissner's corpuscles, viii. 560

Meissner's plexus, v. 187  
Mel, iv. 733  
despumatum, iv. 733  
rose, iv. 733  
Melæna neonatorum, vi. 280; and see *Hæmophilia*  
Melalontha, vi. 225  
Melancholia, v. 117  
delusions in, v. 118  
etiology, v. 118  
involution, v. 118  
of dementia præcox, v. 104  
pathological anatomy, v. 118  
prognosis, v. 120  
treatment, v. 120  
Melanin, iii. 223; vi. 634; and see *Coloring matters, animal*  
deposit, iii. 397  
infarct, iv. 868  
in the urine, viii. 51  
Melanins, animal pigments, iii. 223  
Melanocarcinoid of the conjunctiva, iv. 109  
Melanolestes abdominalis, v. 161  
picipes, v. 161  
Melanoma, vii. 37, 907  
of the iris, iv. 110  
Melanoplus differentialis, v. 165  
Melanosarcoma, vii. 37  
of the cornea, iii. 291  
of the parotid gland, vi. 511  
Melanosis, see *Addison's disease, and Sarcoma oculi*, v. 218  
Melanotic sarcoma, ii. 644; vii. 87  
Melasma suprarenale, i. 106  
Melia Azedarach, i. 675  
indica, i. 676  
Mellilot, iii. 149  
Mellilotus, iii. 149  
altissimus, iii. 149  
officinalis, iii. 149  
Melinite, vii. 910  
Melissa, i. 724  
officinalis, i. 724  
Melituria, see *Glycosuria*  
Melizitase, an enzyme, iii. 843  
Meloe, ii. 652  
Meloidæ, v. 165  
Melon-seed bodies, vi. 974  
Melrose Spring, v. 740  
Membrana pellucida, vi. 451  
propria, iii. 854  
pupillaris perseverans, v. 216  
tympani, i. 616; iii. 582  
Membranes, anterior limiting, of the eye, iv. 71  
basal, iii. 854  
basilar, i. 623  
Bowman's, iv. 71  
Bruch's, iv. 73  
cricothyroid, v. 408  
cuticular, iii. 854  
Demour's, iv. 71  
Descemet's, iv. 71  
Duddell's, iv. 71  
hyaloid, viii. 265  
posterior limiting, of the eye, iv. 71  
Reissner's, i. 621  
reticulate, i. 623  
Ruysch's, iv. 73  
Shrapnell's, i. 616  
tectorial, i. 623  
tympanic, i. 616  
vitelline, vi. 448

Membranous necrosis, vi. 208  
Memory, affected in insanity, v. 47  
loss of, iii. 261  
Menière's disease, viii. 224  
Meningeal arteries, laceration of, post-mortem appearances, i. 669  
Meningeal hemorrhage, vii. 352  
Meninges, ii. 209  
hernia of, ii. 233  
lymphatics of, v. 629  
Meningitis, acute cerebro-spinal, vii. 329  
acute external, vii. 332  
acute spinal, vii. 329  
bacteriology, vii. 329  
diagnosis, vii. 331  
prognosis, vii. 331  
sequelæ, vii. 331  
symptoms, vii. 330  
treatment, vii. 331  
and intracranial abscess, differential diagnosis, ii. 413  
basilar, ii. 431  
causing paraplegia, vi. 498  
cerebrospinal, cold in, iii. 195  
chronic basal, diagnosed from brain tumor, ii. 449  
chronic spinal, vii. 335  
epidemic cerebro-spinal, vii. 329  
granular, ii. 431  
in the new-born, vi. 278  
operation for, v. 709, 710  
purulent, iv. 562  
simple, ii. 390  
Kernig's sign, i. 394  
leptomeningitis, ii. 393  
lumbar puncture in, ii. 394  
pachymeningitis cervicalis hypertrophica, ii. 393  
pachymeningitis externa, ii. 391  
pachymeningitis interna, ii. 391  
syphilitic, vii. 335  
traumatic, post-mortem appearances, i. 669  
tuberculous, ii. 431; vii. 333, 901  
blood in, ii. 435  
definition, ii. 431  
diagnosis, ii. 434  
etiology, ii. 432  
general observations, ii. 432  
in the adult, ii. 434  
morbid anatomy, ii. 432  
prognosis, ii. 435  
symptoms, ii. 433  
treatment, ii. 435  
Meningocele, ii. 233, 411; vii. 239  
diagnosis, ii. 411  
of the orbit, vi. 405  
pseudo-, ii. 237  
spinal, vii. 287  
treatment, ii. 236, 411  
Meningococcus, bacteriology of, i. 709  
pathogenesis of, i. 709  
Meningo-encephalitis, tuberculous, diagnosed from brain tumor, ii. 449  
Meningo-encephalocele, kyphosis in, v. 377  
Menispermaceæ, v. 859  
Menispermum, v. 859  
canadense, v. 859  
cocculus, iii. 162; vi. 633

Menopause, ii. 798; see *Change of life, and Insanity, climacteric*, v. 116  
as a factor in insanity, v. 31  
cyst formation at, iii. 351  
menorrhagia prior to or during, v. 740  
symptoms of, v. 744  
Menorrhagia, v. 740  
Menses, cessation of, at the menopause, ii. 799  
excessive, at the menopause, ii. 799  
Menses, retention of the, v. 741  
causes, v. 742  
clinical history, v. 742  
treatment, v. 742  
Menstrual blood, ii. 37, 83  
Menstrual flow, v. 744  
cessation of, v. 744  
character of, v. 744  
duration of, v. 744  
quantity of, v. 744  
Menstruation, v. 743  
cessation of, v. 744  
character of, v. 744  
disorders of, see *Amenorrhæa, Dysmenorrhæa*  
duration of period, v. 744  
effect of cold during, iii. 28  
excessive, v. 740  
first appearance of, v. 744  
influence of castration on, ii. 713  
in metritis, v. 785  
physiology of, v. 744  
quantity of discharge, v. 744  
relation to lactation, v. 745  
to ovulation, v. 743  
stages of, v. 743  
symptoms of, v. 744  
theory of, v. 743  
uterus during, v. 743  
vicarious, v. 740  
Mental activity, effect on metabolism, v. 771  
Mental condition in hysteria, iv. 833  
Mental degeneration in dementia paralytica and dementia præcox, v. 105  
Mental development, in childhood, ii. 832  
in infancy, iv. 858  
Mental diseases, classification, v. 25  
Kraepelin's, v. 27  
Mental disturbances, during pregnancy, iv. 347  
surgical relief of, ii. 425  
Mental factors in paresis, v. 87  
Mental phenomena at the menopause, ii. 800  
Mental tubercle, vii. 229  
Mentality, subconscious, iv. 811  
subliminal, iv. 811  
Mentha arvensis, v. 745  
glabrata, v. 745  
piperascens, v. 745  
piperita, vi. 553  
pulegioides, vi. 550  
pulegium, vi. 550  
spicata, vii. 262  
viridis, vii. 262  
Menthidol, v. 745  
Menthol, v. 745  
Japanese, v. 745  
valerianate, viii. 181

Menthol-iodol, v. 745  
Menthophenol, v. 745  
Mento-hyoid muscle, vi. 46  
Mentone, France, v. 745  
Menyanthes, ii. 514  
trifoliata, ii. 514  
Menyanthin, ii. 514  
Menyanthol, ii. 514  
Meralgia paræsthetica, vi. 247  
Meran, v. 748  
Merchandise a means of spreading cholera, viii. 358  
Mercier's coudé catheter, ii. 743  
invaginated catheter, ii. 746  
Mercur-ammonium chloride, v. 755  
poisoning by, v. 758  
Mercurial eczema, iii. 424  
Mercurial ointment, v. 750  
eruptions following, iii. 424  
plaster, v. 751  
Mercurial poisoning, incipient, symptoms of, v. 749  
Mercurialis, see *Euphorbiaceæ*  
Mercurialization, v. 749  
constitutional, v. 756  
Mercuric benzoate, v. 755  
bromide, v. 755  
chloride, v. 753; see also *Mercury, bichloride of cyanide*, iii. 340; v. 754  
formidate, v. 755  
iodide, v. 754  
nitrate, v. 754  
oleate, v. 755  
oxide, v. 753  
salicylate, v. 755  
subsulphate, v. 754  
sulphate, basic, v. 754  
sulphide, v. 756  
Mercuric vegetal, v. 686  
Mercurous bromide, v. 755  
chloride, v. 751; see also *Mercury, mild chloride of iodide*, v. 752  
oxide, v. 755  
sulphide, v. 756  
tannate, v. 755  
Mercury, v. 749  
absorption and elimination of, v. 758  
acid nitrate of, v. 754  
caustic action of, ii. 757  
acute poisoning by, v. 758  
alanate of, v. 755  
albuminate of, iv. 334  
amidopropionate of, v. 755  
ammoniated, v. 755  
antidotes to, v. 760  
asparaginate, v. 755  
bichloride of, v. 753  
as an antiseptic, i. 384  
as a disinfectant, i. 687  
germicidal action of, iii. 503; iv. 334  
biniodide of, v. 754  
black oxide of, v. 755  
sulphide, v. 756  
chronic poisoning by, v. 759  
clinical tests for, v. 760  
compounds of, v. 750  
corrosive chloride of, v. 753  
cyanide of, iii. 340; v. 755  
effect on fetus, vi. 279  
on workers in, vi. 325  
eruption caused by, iii. 424  
fatal quantity, v. 757  
fulminate of, vii. 911

Mercury, general therapeutics of compounds of, v. 756  
green iodide of, v. 753  
hypodermatic use of, iv. 821  
imido-succinate, v. 755  
in the treatment of digestive disorders, v. 756  
of skin diseases, v. 756  
of syphilis, v. 756  
intravenous injection of, v. 194  
inunctions with, v. 735, 756  
mass of, v. 750  
medicinal properties of compounds of, v. 749  
metallic, v. 750; vi. 812  
in intestinal obstruction, v. 173  
mild chloride of, v. 751; see also *Calomel*  
oleate of, v. 755  
perchloride of, v. 753  
periodide of, v. 754  
poisoning by, v. 756  
protochloride of, v. 751  
protiodide of, v. 752  
pyroborate, v. 755  
red iodide of, v. 754  
red oxide of, v. 753  
red sulphide of, v. 756  
sozoiodol, v. 755  
stearate of, v. 755  
subchloride of, v. 751  
subiodide of, v. 752  
succinimide, v. 755  
tannate of, v. 755  
uncombined, iv. 750  
with chalk, v. 750  
yellow iodides, v. 752  
oxide of, v. 753  
subsulphate of, v. 754  
Mercury (= Poison ivy), v. 239  
Mercury-zinc cyanide, v. 755  
Merorachischisis, vii. 695  
Merriam pack, v. 798  
Merycism, vii. 503  
Merz reduction apparatus, vi. 880  
Mesamæboids, iv. 337  
Mesarteritis, syphilitic, ii. 107  
Mescal (or muscale) buttons, v. 761  
Mescaline, v. 761  
Mesencephal, ii. 162; see *Brain*  
Mesencephalon, ii. 162; see *Brain*  
development of, ii. 279  
Mesenchyma, iii. 251; iv. 337; v. 761  
Mesenteric lymphatic glands and plexus, v. 641  
Mesenteric plexus, vii. 578  
Mesentery, i. 16  
absence of, in embryos, iii. 181  
injuries to, i. 19  
tumors of, diagnosed from renal tumors, v. 329  
Mesmerism, i. 648; iv. 811  
Mesoblast, v. 761  
organs derived from, iv. 337  
Mesocèle, ii. 137  
Mesoderm, i. 442; v. 761  
organs derived from, iv. 337  
Mesodermal cysts, vii. 721  
Mesogonimus heterophyes, vii. 870  
Westermanni, vii. 867  
Mesometritis, v. 788  
Mesophœrum (hyptis), v. 379  
Mesothelium, iii. 856; iv. 337; v. 762  
Mesquit gum, iv. 427