

- Left ventricular failure, 24-25, 29f
- Left ventricular hypertrophy, 39  
aortic stenosis and, 76-77  
hypertension with, 179
- Left ventricular outflow tract (LVOT) obstruction, 25
- Legionella pneumophila*, infection with, pneumonia in, 873
- Legionnaires' disease, infective endocarditis and, 878-880
- Leishmania donovani*, 954t
- Leishmaniasis, 954
- Lemierre's syndrome, pharyngitis and, 869
- Lenalidomide  
for multiple myeloma, 531-532  
for myelodysplastic syndrome, 487
- Lenarduzzi-Cacchi-Ricci disease, 335
- Length-time bias, 583
- Lennox-Gastaut syndrome (LGS), 1056
- Leptin, in obesity, 675-677
- Leptospirosis, 836t, 841-842  
meningitis in, 842
- Leriche's syndrome, 159
- Lesbian health, 705
- Leukemia(s)  
acute, 495-496, 501, 495.e1f  
acute lymphoblastic, 496t-497t, 499-500  
acute lymphocytic, 528  
acute myeloid, 496-499, 496t  
myelodysplastic syndrome and, 484  
acute promyelocytic, 499  
chronic lymphocytic, 528-529  
heavy-chain disease, 532  
chronic myelogenous, 493-495  
leukocyte alkaline phosphatase in, 517-518  
lymphocyte infusions for, 481  
large granular lymphocyte, 519  
lymphoid, 528-529  
prospectus for future, 501  
stem cell transplant in, 481
- Leukemoid reaction, 493, 517
- Leukocyte adhesion deficiency, 515
- Leukocyte count, 517
- Leukocytoclastic vasculitis, 794, 814
- Leukocytosis, 517  
myocardial infarction and, 104
- Leukopenia, 518  
in systemic lupus erythematosus, 781
- Leukoreduction, 557-558
- Leukostasis, 497
- Leukotriene inhibitors, for COPD, 213
- Leuprolide, for prostate cancer, 588
- Levetiracetam, 1060t
- Levodopa, for Parkinson's disease, 1017-1018
- Levothyroxine  
for goiter, 639  
for hypothyroidism, 639  
subclinical, 639  
for thyroid nodules, 640
- Lewy bodies, 982, 1017
- LH. *see* Luteinizing hormone (LH).
- Li-Fraumeni syndrome, 577
- Libman-Sacks endocarditis, 780-781
- Licorice, mineralocorticoids and, 649
- Liddle test. *see* Dexamethasone suppression test.
- Liddle's syndrome, 171
- Lidocaine, 113, 115t
- Lifestyle, cancer risk and, 580-583, 582t
- Lifestyle modifications  
for cancer prevention, 582t, 583  
in gout, 802  
for lowering blood pressure, 172, 177
- Ligands, 538
- Light chain deposition disease, 324, 325f
- Light-near dissociation, 1003
- Limb-girdle muscular dystrophies, 1090.e1t
- Limbic system, seizures associated with, 1054
- Linear scleroderma, 790
- Linkage analysis, 9, 9f
- Linkage disequilibrium, 7
- Lipase, serum  
in acute pancreatitis, 428  
in chronic pancreatitis, 433
- Lipid metabolism, disorders of, 689-696, 691t-693t
- Lipoma, cardiac, 145
- Lipopolysaccharide (LPS), 848-849
- Lipoprotein (a)  
in coronary artery disease, 88  
elevated plasma, 695
- Lipoprotein lipase (LPL), 689  
deficiency in, 696
- Lipoproteins. *see also* Dyslipidemia; High-density lipoprotein (HDL); Low-density lipoprotein (LDL).  
properties of, 689t
- Liraglutide, for type 2 diabetes, 666, 666t
- Lissencephaly, 1025
- Listeria monocytogenes*, bacterial meningitis caused by, 943
- Listeria monocytogenes* infection  
bacteremia in, 837, 838t  
meningitis caused by, 854
- Lithium, 332
- Lithotripsy, for renal calculi, 338
- Liver  
abscess, 841  
vascular disease of, 466-468  
Budd-Chiari syndrome, 467  
portal vein thrombosis, 466-467  
veno-occlusive disease, 467-468
- Liver biopsy, 442  
nonalcoholic fatty liver disease and, 455
- Liver cancer. *see* Hepatocellular carcinoma.
- Liver disease. *see also* Cirrhosis; Hepatitis.  
bleeding in, 560-561  
laboratory tests in, 440-443, 441t, 442f  
sepsis in, 850
- Liver function tests (LFTs), 440-441, 441t, 442f  
quantitative, 441-442
- Liver histology, biomarkers of, 442
- Liver transplantation, 468  
for hepatocellular carcinoma, 600  
MELD score in, 468  
portopulmonary hypertension and, 465  
prognosis for, 468
- Loa loa* (eyeworm), 956
- Lobectomy, in non-small cell lung cancer, 596-597
- Locked-in syndrome, 969, 969t
- Löffler syndrome, 237-238
- Löfgren syndrome, 230
- Lomitapide, 694
- Long QT syndrome, 133
- Long RP tachycardia, 120-121
- Long-term care, for older adults, 1113
- Loop diuretics, in heart failure, 61-62
- Looser's zones, 754, 754f
- Loperamide, for diarrhea, 904
- Lorcaserin, for obesity, 679
- Low-density lipoprotein (LDL), 689, 690f  
therapeutic approach to reduce levels of, 692t
- Low-density lipoprotein (LDL) cholesterol  
in atherosclerosis, 87  
hypertension and, 172  
in peripheral arterial disease, 160
- Low-pressure baroreceptors, 21
- Low pressure headache, 999
- Low reticulocyte count, differential diagnosis of anemia with, 504t
- Lower respiratory tract, infections of, 872-876  
clinical presentation of, 874  
definition of, 872  
diagnosis and differential diagnosis of, 874-875  
epidemiology of, 872  
etiologic agents of, 873-874  
pathology of, 872-874  
pathophysiology of, 872-873  
prognosis and prevention of, 875-876, 875f-876f  
respiratory pathogens, transmission of, 873  
treatment for, 875, 875t
- Lower urinary tract syndrome  
causes of, 720f  
symptoms of, 720t
- Lown-Ganong-Levine syndrome, 121
- Ludwig's angina, 869-870, 870f
- Lumbar puncture, 855, 963. *see also* Cerebrospinal fluid (CSF).  
in comatose patient, 967  
complications of, 963  
contraindications to, 963  
in demyelinating neuropathy, 1083  
indications for, 963t
- Lung(s), 182-184  
abscess, 248  
pneumonia and, 256  
adenocarcinoma of, 592.e1f  
anatomy of, 182, 182f, 190-192, 190f-191f  
conducting zone of, 190-191  
development of, 182-183, 183f, 183t  
diffusion capacity of, 202  
disorders, drug-induced, 231-232, 231.e1f  
hyperinflation of, 212  
infectious diseases of, 184, 254-258. *see also* Pneumonia  
*Mycobacterium tuberculosis* infection, 256-257, 257t, 256.e1f  
organisms causing, 254t  
*Pneumocystis pneumonia*, 257-258, 257.e1f  
pneumonia, 254-256, 254.e1f  
prospectus for the future, 258  
interstitium of, 223-224  
neoplastic disorders of, 184, 266-270. *see also* Lung cancer  
clinical presentation of, 266-267, 266.e1f-266.e2f  
definition of, 266  
diagnosis and differential diagnosis of, 267-268, 267.e1f-267.e2f