

- Aspirin (*Continued*)
for thrombosis, in myeloproliferative disorders, 568-569
- Assisted suicide, 1121
- AST. *see* Aspartate aminotransferase (AST).
- Asterixis, 187
- Asthma, 184, 208t, 218-220, 219.e1f, 218.e1f
Churg-Strauss syndrome associated with, 234
clinical manifestations of, 219
cough in, 186
nocturnal dyspnea in, 186
wheezing in, 186, 188
definition and epidemiology of, 218
diagnosis and differential diagnosis, 219-220
bronchoprovocation testing, 219-220
diagnostic studies in, bronchoprovocation testing, 201-202, 202f
exercise-induced, 186, 218-219
management of, 220
pathology of, 218-219
physical examination in, 187
prevalence of, 184, 218
treatment of, 220
- Astrocytomas, 1064, 1067
anaplastic, 1067
- Asymptomatic bacteriuria, 909
- Asymptomatic myeloma, 530
- Ataxic breathing, 246
- Atelectasis, in acute respiratory distress syndrome, 262
- Atheroembolic disease, 346
- Atherosclerosis, 87
pathology of, 88-89
renal artery stenosis in, 170, 171f
risk factors for, 87-88
stroke caused by, 1036, 1037f
- Atherosclerotic plaque, 87
rupture of, 99
- Atherosclerotic renovascular disease, 342-343, 342t
- Atherothrombosis, 564-565, 571
- Atonic seizure, 1056
- Atorvastatin, antihypertensive therapy with, 172
- Atovaquone-proguanil
for malaria, 953
for malaria prophylaxis, 952
- Atrial arrhythmias, 123-125, 123f
tetralogy of Fallot and, 74
- Atrial fibrillation, 123f, 125-129
acute management of, 126
after myocardial infarction, 106
anticoagulation and, 125-126
atrial septal defects and, 68
electrical cardioversion of, 127
jugular venous pulse and, 22
mechanisms of, 125
mitral stenosis and, 81
pharmacologic conversion of, 126-127
postoperative, 278
stroke prevention in, 1041, 1044
Wolff-Parkinson-White syndrome and, 122-123, 122f
- Atrial Fibrillation Follow-up Investigation of Rhythm Management (AFFIRM) trial, 127
- Atrial flutter, 120
atypical, 125
typical, 123f, 124-125
- Atrial myxomas, mimicking subacute bacterial endocarditis, 881
- Atrial pressure, 19
left, 19, 19f, 20t
right, 19f, 20t, 21, 27
- Atrial septal defects, 67-68, 68f
- Atrioventricular blocks, 118, 119f
2:1, 120
noncardiac surgery in patient with, 156
- Atrioventricular conduction, disturbances in, 117-120
- Atrioventricular nodal reentry tachycardia, 121, 122f
- Atrioventricular node, 17, 116
autonomic influences on, 17
- Atrioventricular reentrant tachycardia
antidromic, 121
orthodromic, 121
- Atrioventricular septal defects, complete, 69-70
- Atrophy, multiple system, 991
- Attention deficit/hyperactivity disorder (ADHD), 1028-1029, 1028t
- Atypical adenomatous hyperplasia (AAH), 267
- Auer rods, 495
- Augmented leads, 38-39
- Aura
of migraine, 995, 1058
of seizures, 1053, 1058
- Auscultation, 30-35
abdominal, 373
abnormal heart sounds in, 31-33, 32t, 33f
in acute coronary syndrome, 99
in acute myocardial infarction, 104
with aortic coarctation, 70-71
with aortic valve stenosis, 72-73
with atrial septal defects, 68
of lungs, 188
murmurs in, 33-35
normal heart sounds in, 31
other cardiac sounds, 35
prosthetic heart sounds in, 35
with pulmonary valve stenosis, 72
techniques in, 30-31, 31t
with tetralogy of Fallot, 73
- Auscultatory gap, 168-169
- Austin-Flint murmur, 34-35, 79
- Autism spectrum disorder, 1027-1028, 1028t
- Autoantibodies. *see also* Anticardiolipin antibodies;
Antineutrophil cytoplasmic antibodies (ANCA)s; Antiphospholipid antibody syndrome (APS).
anticyclic citrullinated peptide antibodies, in rheumatoid arthritis, 773
in systemic lupus erythematosus, 782, 783t
to thyroglobulin, 634, 637
TPO Ab (thyroid peroxidase), 634, 637-638
to TSH receptor, 634
- Autoimmune hepatitis, 454
- Autoimmune pancreatitis (AIP), 427
- Automaticity, 111
- Automatisms, 1054-1055
- Autonomic nervous system, 17
disorders of, 990-993
clinical presentation of, 991
definition and epidemiology of, 990
- Autonomic nervous system (*Continued*)
diagnosis and differential diagnosis of, 991-992, 992f
pathology of, 990-991
prognosis of, 992
treatment for, 992
and systemic vascular tone, 21
- Autonomic neuropathy, diabetic, 671, 990, 992
- Autosomal dominant disorders, 11
- Autosomal dominant polycystic kidney disease (ADPKD), 333
- Autosomal recessive disorders, 11
- Autosomal recessive polycystic kidney disease (ARPKD), 334
- Avian influenza, 258, 837
- Axial reference system, 38-39, 39f
- Axitinib, 590t
- Azacitidine, 590t
- 5-Azacytidine, for myelodysplastic syndrome, 487
- Azathioprine
for idiopathic pulmonary fibrosis, 234
for inflammatory bowel disease, 423
for myasthenia gravis, 1098
- Azithromycin
for bronchiolitis obliterans syndrome, 216
for chlamydia, 919
for community-acquired pneumonia, 255
for granuloma inguinale, 925
- B**
- B cells, 827
- B lymphocytes, 520, 826-827
development of, 520-521
lymphoid follicles, 521
maturation of, 520f
peripheral blood, 521
- Babesia microti*, 954t
- Babinski's sign, 1013
- Bacillus anthracis*, skin and soft tissue infection from, 886, 886f
- Bacillus cereus*, food poisoning from, 900
- Backwash ileitis, 420-421
- Baclofen, for alcoholism, 1131
- Bacteremia, 846-852
in fever of unknown origin, 841
- Bacteria, urease-producing, 339t
- Bacterial epiglottitis, 870
- Bacterial food poisoning, 900
- Bacterial infections, 837
- Bacterial overgrowth, 383-384
small bowel, in chronic pancreatitis, 434
- Bacteriuria, urinary tract infection and, 909
- Baker's cyst, 772
- Balkan endemic nephropathy (BEN), 331
- Balloon angioplasty, for aortic coarctation, 71
- Balloon-assisted enteroscopy, 390
- Balloon valvuloplasty
for mitral stenosis, 81, 82f
for pulmonary valve disease, 85
for tricuspid valve disease, 84-85
- Balsalazide, for inflammatory bowel disease, 422
- Bamboo spine, 778, 778f
- Barbiturates. *see also* Phenobarbital.
abuse of, 1129t-1130t, 1132
to induce coma, 1047