

- Infective endocarditis (*Continued*)  
 pathogenesis of, 877-878  
 prognosis of, 881-882  
 prophylaxis for, 882  
 prosthetic valve, 877  
 treatment of, 881, 881t  
   antimicrobial, 882t  
   surgical intervention in, echocardiographic indications for, 883t
- Inferior petrosal sinus sampling, bilateral, 649
- Infertility  
 female, 707  
 male, 655, 725-726
- Infiltrating ductal carcinomas, 611
- Infiltrating lobular carcinomas, 611
- Infiltrative diseases, 755
- Inflammation, 823-824. *see also* Systemic inflammatory response syndrome (SIRS).  
 acute kidney injury and, 297  
 in atherosclerosis, 88
- Inflammatory arthritis, 766, 775. *see also* Arthritis.  
 synovial fluid analysis in, 768  
 in systemic lupus erythematosus, 780
- Inflammatory bowel disease (IBD), 417-424. *see also* Crohn's disease; Ulcerative colitis (UC).  
 arthritis associated with, 419, 777  
 cause of, 417  
 clinical presentation of  
   in Crohn's disease, 419  
   in ulcerative colitis, 418  
 definition of, 417-418  
 diagnosis and differential diagnosis of, 420-421, 420f-422f  
 epidemiology of, 417-418  
 extraintestinal manifestations of, 419-420, 419t  
 pathology of, 418, 418f  
 prognosis of, 424  
 surgical management of, 424  
 treatment of, 421-424, 422t  
   antibiotic therapy in, 423  
   video capsule endoscopy for, 391
- Inflammatory breast cancer, 611
- Inflammatory disorders, 1069-1076
- Inflammatory myopathies, 814-815
- Inflammatory spine pain, spondyloarthritis and, 776
- Inflammatory syndrome, 941
- Infliximab, 12, 778-779  
 for inflammatory bowel disease, 423  
 for rheumatoid arthritis, 774t
- Influenza, 836t, 837  
 avian, 837  
 pandemics of, 258  
 travel-related illness, 951
- Influenza vaccine, 875-876
- Influenza virus, in HIV-infected patients, 933
- Inguinal lymphadenopathy, 844
- Inhalants, abuse of, 1129t-1130t, 1136-1137
- Inhalation injuries, 263, 263t
- Inhibin, 652
- Injury, types of, 1046
- Innate immunity, 823-825, 823t
- Innocent murmurs, 31, 34
- Inotropes, 17, 20
- INR (international normalized ratio), 542
- Insomnia, 973-974
- Insulin  
 deficiency, 668  
 K<sup>+</sup> level and, 303  
 parenteral nutrition and, 688  
 in type 2 diabetes, 667  
 types of, 661t
- Insulin-dependent diabetes, 658
- Insulin-like growth factor-I (IGF-I), 627
- Insulin resistance, nonalcoholic fatty liver disease and, 454-455
- Insulin tolerance test, 626t, 627
- Insulinomas, hypoglycemia and, 672
- Integrins, 823
- Intensive care unit (ICU)  
 caloric doses in, 684  
 traumatic spinal cord injury, 1048
- Intention tremor, 1013-1015, 1019
- Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) scale, 65
- Interatrial septum, lipomatous hypertrophy of, 145
- Interferon(s)  
 antiviral action of, 823  
 in cancer therapy, 590
- Interferon- $\alpha$   
 for essential thrombocythemia, 491-492  
 for polycythemia vera, 490-491  
 for primary myelofibrosis, 493
- Interferon- $\gamma$ , 825
- Interictal phase, 1052-1053
- Interleukin-2  
 for metastatic melanoma, 590  
 for renal cell carcinoma, 590
- Intermediate-density lipoprotein (IDL), 689
- Intermittent phlebotomy, 490-491
- Internal K<sup>+</sup> balance, 302-303
- International HapMap Project, 7
- International normalized ratio (INR), 542
- International Prognostic Index (IPI), 526
- International Prognostic Scoring System, for myelodysplastic syndrome, 486, 487t
- International Society of Nephrology/Renal Pathology Society (ISN/RPS), 781
- International Staging System for Lung Cancer, 268, 269t
- Internuclear ophthalmoplegia, 1004-1005  
 causes of, 1005t
- Interstitial lung diseases (ILD), 184, 184f, 222-239, 224f  
 diffuse alveolar hemorrhage, 232-233, 233.e1f  
 drug-induced, 225t-226t, 231-232  
 environmental and occupational, 234-236  
 environmental exposures, 222  
 eosinophilic, 237-238  
 epidemiologic background in, 222  
 history in, 222  
 idiopathic pneumonias, 224-228  
 idiopathic pulmonary fibrosis, 224-227, 226f  
 Langerhans cell histiocytosis, 236  
 lymphangioleiomyomatosis, 237  
 management of, 224  
 manifestations of, 225t-226t  
 physical examination, 226  
 prospectus for future, 238  
 pulmonary alveolar proteinosis, 238  
 pulmonary vasculitides, 233-234
- Interstitial lung diseases (ILD) (*Continued*)  
 radiographic manifestations of, 223f  
 related to connective tissue disorders, 230-231  
 rheumatoid arthritis with, 772  
 in systemic sclerosis, 789, 791-792  
 well-preserved lung volumes, 223f
- Interstitial nephritis, 284
- Interstitial pneumonias, idiopathic, 224-228, 225t-226t
- Interstitialium, of kidney, 284
- Intestinal disease, in intrinsic acute kidney injury, 359-360, 359.e1f
- Intestinal dysmotility, in systemic sclerosis, 792
- Intestinal obstruction, in Crohn's disease, 419
- Intimate partner violence, 710-711
- Intra-abdominal infections, 891-898  
 appendicitis, 891-894  
 cholecystitis and cholangitis, 894-896  
 diverticulitis, 894  
 extrabiliary complicated, treatment for, 891t  
 intravenous antibiotics for, 892t  
 peritonitis, 897-898  
 of solid organs, 896-897
- Intra-aortic balloon pump (IABP), 149-150  
 in cardiogenic shock, 107  
 in mitral regurgitation, 83
- Intracerebral hemorrhage (ICH), 1036, 1043.  
*see also* Subarachnoid hemorrhage.
- Intracranial hypertension, idiopathic  
 cerebral venous sinus thrombosis, 1006  
 headache caused by, 998-999
- Intracranial hypotension, headache caused by, 999
- Intracranial pressure (ICP)  
 in acute liver failure, 457  
 in traumatic brain injury, 1047
- Intrahepatic diseases, inflammatory bowel disease with, 419-420
- Intrapleural pressure, 193, 193f
- Intrauterine device (IUD), 701-703
- Intravaginal ring, 701
- Intravenous fluid therapy, for diarrhea, 903
- Intravenous gammaglobulin, for Guillain-Barré syndrome, 1085
- Intravenous immunoglobulin (IVIG)  
 for drug-induced immune thrombocytopenia, 551-552  
 for fetal and neonatal alloimmune thrombocytopenia, 552  
 for immune thrombocytopenic purpura, 550  
 for Kawasaki disease, 797
- Intravenous lipid emulsions, 687
- Intrinsic acute kidney injury, 352, 357-360
- Intrinsic factor (IF), 403, 505
- Intrinsic renal injury, 298
- Intubation  
 endotracheal. *see also* Mechanical ventilation complications of, 261  
 in traumatic brain injury, 1047  
 nasotracheal, in traumatic spinal cord injury, 1048
- Iodine, radioactive, 636
- Ion channelopathies, 141t
- Ionizing radiation, cancer risk and, 582
- Ipilimumab, 590t  
 for melanoma, 616