

- Thrombotic thrombocytopenic purpura (TTP),
326, 348-349, 570
acute kidney injury and, 358
microangiopathic hemolysis caused by, 509
vs. hemolytic-uremic syndrome, 348t
- Thrush, 870
- Thunderclap headache, 997-998
- Thymectomy, for myasthenia gravis, 1098
- Thymoma, 251
myasthenia gravis and, 1098
- Thyroglobulin, 633
autoantibodies to, 634, 637
serum measurements of, 634
- Thyroid carcinoma, 640-641, 640t
- Thyroid dermopathy. *see* Pretibial myxedema.
- Thyroid disorders, screening of women for, 702t
- Thyroid gland, 633-641. *see also* Hyperthyroidism;
Hypothyroidism.
anatomy of, 633, 633.e1f
autoantibodies to, 634
biopsy of, 634-635
evaluation of, 633-635
nodules of
goiter with, 639
multiple, 637, 639
solitary, 636-637, 639-640
toxic multinodular goiter, 637
warm vs. cold, 634
toxic adenoma of, 636-637
- Thyroid hormone, physiology of, 633, 634t, 633.e1f
- Thyroid peroxidase (TPO), antibodies against, 634, 637-638
- Thyroid scan, 634
- Thyroid-stimulating hormone-secreting pituitary tumors, 629
- Thyroid-stimulating hormone (TSH), 624, 625t-626t, 629, 633
assay of, 634
autoantibodies to receptor for, 634
deficiency of, 626t, 629
in hypothyroidism, 638
- Thyroid storm, 635
- Thyroiditis, 637. *see also* Hashimoto's thyroiditis.
lymphocytic, 637
postpartum, 637
- Thyrotoxic crisis, 635
- Thyrotoxicosis, 635. *see also* Hyperthyroidism.
causes of, 635t
factitia, 637
rare causes of, 637
- Thyrotropin-releasing hormone (TRH), 625t, 629, 633
prolactin and, 625
- Thyroxine-binding globulin (TBG), 633, 638-639
- Tics, 1021
- Tidal volume, 192, 192f
control of, 195
in mechanical ventilation, 260-261
- Tight junctions, 284
- Tinnitus, 1006, 1007f
subjective, 1007
- Tiotropium, in chronic obstructive pulmonary disease, 213
- Tirofiban, 565
- Tissue factor pathway inhibitor (TFPI), 534
- Tissue-type plasminogen activator (t-PA), 542
atherothrombosis and, 564, 571
recombinant (rt-PA), for pulmonary embolism, 166-167
- Tobacco
addiction, Buerger's disease and, 162-163
cancer risk and, 580-581, 582t
smoke, lung disease and, 186-187
use, screening of women for, 702t
- Tocilizumab, for rheumatoid arthritis, 774t
- Todd's paralysis, 1041, 1054
- Tofacitinib, for rheumatoid arthritis, 774t
- Toll-like receptors (TLRs), 823, 824t, 848
- Tonic movements, 1053
- Tonic pupils, 1003-1004
- Tonic seizure, 1056
- Tonicity, 299
- Tophus, 801
- Topiramate, 1060t
for alcoholism, 1131
for obesity, 679-680
- Topotecan, for small cell lung cancer, 596
- Torsades de pointes (TdP), 111
- Tositumomab, 525
- Total artificial heart (TAH), 151-153, 154f
- Total body potassium, 302-303
- Total body water, 299
- Total joint replacement, for osteoarthritis, 807
- Total lung capacity (TLC), 200, 200f
- Total parenteral nutrition
in pancreatitis, acute, 431-432
in small bowel Crohn's disease, 424
- Tourette's syndrome, 1021
- Toxic-induced neuropathies, 1085
- Toxic megacolon, 418-419
- Toxic multinodular goiter, 637
- Toxic myopathies, 1097
- Toxic shock syndrome, staphylococcal, 842
- Toxic thyroid adenoma, 636-637
- Toxins, RNA synthesis inhibited by, 4
- Toxoplasma gondii* infections, 954t
- Toxoplasmosis, 844
cerebral, in HIV-infected patients, 863
in HIV-infected patients, 939
in HIV-infected patients, cerebral, 863
mononucleosis syndrome in, 837
- TP53 protein, 588
- Trachea, 190-191, 190f
- trans*-acting factors, 4
- Transannular patch, for tetralogy of Fallot, 73
- Transcatheter closure, for atrial septal defects, 68
- Transcription, 2, 3f
inhibitors of, 4
regulation of, 4-5
- Transcription factors, 4-5
- Transesophageal echocardiography (TEE), 46, 47f
in aortic dissection, 344-345
of atrial septal defects, 68
in infective endocarditis, 880
intraoperative, in noncardiac surgery, 277
in mitral regurgitation, 83
- Transfer RNA (tRNA), 3
secondary structure of, 4f
in translation of code, 3
- Transforming growth factor- β (TGF- β), in chronic kidney disease, 363-364
- Transfusion
of coagulation factor, 561-562, 561.e1t
of cryoprecipitate, 562
dilutional coagulopathy caused by, 557, 560
of fresh frozen plasma, 561
in gastrointestinal bleeding, 376-377
for myelodysplastic syndrome, 485-486
thrombocytopenia and
alloimmune, 552
dilutional, 554
for thrombotic thrombocytopenic purpura, 570
- Transgenic animal, 10
- Transient elastography, cirrhosis and, 459
- Transient global amnesia, 984
- Transient ischemic attack (TIA), 1035
- Transitional cell carcinoma, 605
- Translation, 3, 3f
cap of messenger RNA and, 3-4
inhibition of, by antibiotics, 4
- Translocation, in myeloproliferative neoplasms, 489
- Transmyocardial laser revascularization, in angina pectoris, 97
- Transplantation osteodystrophy, 755
- Transposition of great arteries, 74-75
- Transscrotal orchiectomy, in testicular cancer, 608
- Transscrotal ultrasound, in testicular cancer, 608
- Transthoracic echocardiography (TTE)
in aortic stenosis, 77
of atrial septal defects, 68
in constrictive pericarditis, 138
for heart failure, 59-60, 61f
in mitral regurgitation, 83
in pericardial effusions, 137
in pulmonary valve disease, 85
in tricuspid valve disease, 84
- Transurethral resection of bladder tumor (TURBT), 605-606
- Transverse myelitis (TM), 1005
acute, 1075
- Trastuzumab, 585, 590t
for esophageal cancer, 598
- Trauma
to aorta, 146
cardiac, 146-147, 146t
headache secondary to, 999
osteomyelitis from, 905
pneumothorax caused by, 250
transfusion in, 560
venous thromboembolism and, 567
- Traumatic wounds, 889
- Travelers, preparation of, 951-953
- Traveler's diarrhea, 902
- Traveler's infection
AIDS and, 953
diarrhea, 952-953
helminth, 956-957
pregnant women and, 953
protozoal, 953-955
in returning traveler, 953
- Treadmill, stress testing on, 44
- Tremor, 1019, 1019t
action, 1019
essential, 1019, 1019t
intention, 1019
- Treponema pallidum*, 922
infection, meningitis in, 854