



UpToDate Advanced – Table of Contents

UpToDate® Pathways Interactive guides to help make appropriate decisions related to specific clinical questions

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Radiology

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- Gout: Initial management of adults with a gout flare
- Knee osteoarthritis: Management in adults

CHEMISTRY LAB MONOGRAPHS

- Abnormal lipid profile: High total cholesterol, low HDL cholesterol, high LDL cholesterol, or high triglycerides in adults
- Abnormal liver panel: High alkaline phosphatase and high conjugated bilirubin in adults
- High alanine aminotransferase (ALT) or aspartate aminotransferase (AST) in adults
- High alkaline phosphatase in adults
- High amylase or high lipase in adults
- High bicarbonate in adults
- High bilirubin in adults
- High blood urea nitrogen in adults
- High B-type natriuretic peptide (BNP) in adults
- High calcium in adults
- High carbon monoxide (carboxyhemoglobin) level in adults
- High chloride in adults
- High lactate in adults
- High lactic dehydrogenase in adults
- High N-terminal pro-B-type natriuretic peptide in adults
- High phosphorus in adults
- High potassium in adults
- High procalcitonin in adults
- High serum creatinine in adults
- High skeletal muscle creatine kinase in adults
- High sodium in adults
- High triglycerides in adults
- High troponin in adults
- High urate in adults
- Lipid screen: High total cholesterol or low HDL cholesterol in adults
- Low alpha-1 antitrypsin in adults
- Low bicarbonate in adults
- Low C1q in adults
- Low calcium in adults
- Low chloride in adults
- Low glucose in adults
- Low magnesium in adults
- Low phosphorus in adults
- Low potassium in adults
- Low sodium in adults
- Low total hemolytic complement (CH50) in adults
- Positive blood lead levels in adults

COAGULATION LAB MONOGRAPHS

- Low antithrombin in adults
- Low fibrinogen in adults
- Low protein C in adults
- Low protein S in adults
- Positive D-dimer in adults
- Positive factor V Leiden or abnormal activated protein C resistance in adults
- Prolonged PT or prolonged aPTT in adults
- Prolonged thrombin time in adults

ENDOCRINOLOGY LAB MONOGRAPHS

- Abnormal thyroid profile: High TSH and high free T4 in adults
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- Abnormal thyroid profile: Low TSH and low free T4 in adults
- Abnormal thyroid profile: Low TSH and normal free T4 in adults
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- High cortisol in adults
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- High free T4 in adults
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- High glucose in adults
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- High renin (PRA or PRC) and high aldosterone in adults
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- High serum calcium and high parathyroid hormone in adults
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- High thyroid-stimulating hormone (TSH) in adults
- High thyrotropin receptor antibody in adults
- Low cortisol in adults
- Low free T4 in adults
- Low FSH in women
- Low renin (PRA or PRC) and high (or inappropriately normal) aldosterone in adults
- Low renin (PRA or PRC) and low aldosterone in adults
- Low serum calcium and high parathyroid hormone in adults
- Low serum calcium and low or low-normal parathyroid hormone in adults
- Low testosterone in males
- Low thyroid-stimulating hormone (TSH) in adults
- Low vitamin D (25-OH vitamin D) in adults
- Normal serum calcium and high parathyroid hormone in adults
- Normal serum calcium and low parathyroid hormone in adults
- Positive hCG in women

HEMATOLOGY LAB MONOGRAPHS

- Abnormal iron profile: Low ferritin or low iron in adults
- Abnormal serum protein electrophoresis (SPEP) in adults
- Abnormal white blood cell count in adults
- High eosinophils in adults

- High ferritin in adults
- High hemoglobin, hematocrit in adults
- High lymphocytes in adults
- High neutrophils in adults
- High platelet count in adults
- High reticulocytes in adults
- Low CD4 count in adults with HIV infection
- Low folate in adults
- Low haptoglobin in adults
- Low hemoglobin, hematocrit in adults
- Low lymphocytes in adults
- Low neutrophils in adults
- Low platelet count in adults
- Low vitamin B12 and low folate in adults
- Low vitamin B12 in adults
- Positive Coombs test, direct and indirect in adults
- Positive ELISA PF4-heparin antibody in adults

IMMUNOLOGY LAB MONOGRAPHS

- Abnormal immunoglobulin levels in adults
- Abnormal serum free light chains in adults
- High C-reactive protein in adults
- High erythrocyte sedimentation rate in adults
- High total immunoglobulin E in adults
- High tryptase in adults
- Low C4 and/or C3 in adults
- Positive ANCA in adults
- Positive antinuclear antibodies (ANA) in adults
- Positive Epstein-Barr virus antibodies in adults
- Positive lupus anticoagulant, anticardiolipin antibody, or anti-beta2-glycoprotein antibody in adults
- Positive rheumatoid factor (RF)

MICROBIOLOGY LAB MONOGRAPHS

- Positive *Clostridioides difficile* in adults
- Positive hepatitis B serology in adults
- Positive HIV screening test in adults
- Positive Lyme disease antibody in adults
- Positive or uninterpretable interferon-gamma release assay in adults
- Positive serologic tests for syphilis in adults

TUMOR MARKER LAB MONOGRAPHS

- Elevated CA 125 in women
- High prostate-specific antigen in men