

## Mandatory AP/CP CC Examination Module Study Guide

Only look at the table which corresponds to the mandatory module you registered to take.

**Registrants for the AP/CP only or combined AP/CP/Subspecialty CC exam must take one of the mandatory modules listed on the following pages.**

CC AP/CP – 50-Question Mandatory Module	
• acute leukemia work-up	• lymphomas
• autoimmune hemolytic anemia; treatment	• malignant mesothelioma
• breast; invasive carcinomas	• Medicare physician payment
• bronchopneumonia	• melanoma and precursor lesions
• cerebrovascular disease	• new test evaluation
• cervical cytology (GYN); non-neoplastic	• normal probability distribution; statistics
• CPT coding	• pancreatitis; pancreatic enzymes
• DIC	• placenta; fetal membrane abnormalities
• diplococci; Streptococcus	• post-splenectomy blood smear
• document control	• pseudoparasites; intestinal
• DRGs	• quality control
• drugs of abuse; metabolites	• RBC membrane disorders
• endocrine gland function; feedback	• reactive lymphadenopathies
• endometrium; hormonal changes	• Resource-Based Relative Value Scale
• expense management; break even	• salivary gland; non-neoplastic
• finances; cost-benefit	• salivary gland tumors; malignant
• fungal morphology in tissue sections	• specimen collection; anticoagulants
• gastritis	• soft tissue tumors; benign
• Gleason grading	• squamous cell carcinomas; head & neck
• granulomatosis with polyangiitis	• syphilis
• infectious colitides	• thalassemia
• intestinal parasites	• thrombotic thrombocytopenic purpura
• intestinal pseudoparasites; plant material	• thyroid; papillary carcinoma
• intravascular hemolysis; lab tests	• von Willebrand disease
• lung, malignant neoplasms; FNA	• vulva; carcinoma

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CC AP/CP with AP emphasis – 50-Question Mandatory Module	
• adrenal gland atrophy; causes	• Medicare physician payment
• breast; metaplastic carcinoma	• melanoma and precursor lesions
• cerebrovascular disease	• mesothelioma
• cervical cytology; infectious	• new test evaluation
• cervical cytology (GYN); non-neoplastic	• normal probability distribution
• CNS; infectious processes	• nose and sinuses; destructive lesions
• colitis	• pancreatic FNA; chemistry tests
• CPT	• placental membrane abnormalities
• document control	• placental site trophoblastic tumor; IHC
• DRGs	• quality control
• endometrium; hormonal changes	• reactive lymphadenopathies
• essential thrombocythemia	• Resource-Based Relative Value Scale
• expense management; break even	• rheumatic carditis
• gastritis	• rhinosporidiosis
• Gaucher disease	• round worm parasites in tissue
• giant cells	• salivary gland; non-neoplastic
• GIST; IHC and genetics	• salivary gland; malignant neoplasms
• Gleason grading	• soft tissue tumors, benign
• hepatitis	• specimen mix-up; molecular analysis
• immunohistochemistry test validation	• squamous cell carcinomas; head & neck
• liver; fatty change	• thyroid carcinomas
• lung FNA; malignant neoplasms	• von Hippel-Lindau syndrome
• lung infections	• vulva, malignant neoplasms
• lymphomas	• Yersinia lymphadenitis
• Marfan syndrome; genetic defect	

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CC AP/CP with CP emphasis – 50-Question Mandatory Module	
• acute myeloid leukemias	• intestinal parasites
• ANCA testing	• intestinal pseudoparasites; plant material
• arachnid bites	• Leishmania
• autoimmune hemolytic anemia; treatment	• lung; fungal infections
• bacterial vaginosis	• Medicare physician payment
• bone marrow; normal cells	• megaloblastic anemia
• CLIA test categories	• new test evaluation
• CLL/SLL; clinical findings	• normal probability distribution
• CPT coding (2)	• peripheral blood parasites
• DIC	• plasma cell myeloma
• document control	• quality control
• DRGs	• RBC agglutination; blood smear
• drug induced hemolytic anemia	• RBC membrane disorders
• drugs of abuse; metabolites	• Resource-Based Relative Value Scale
• expense management; break even	• safety hazard symbols
• fungal morphology in tissue sections	• SPEP interpretation
• gout	• specimen collection; anticoagulants
• gram stain interpretation	• spurious thrombocytopenia; sample collection
• hairy cell leukemia	• syphilis
• Heinz bodies	• T-cell lymphomas; flow cytometry
• Herpesviridae; tissue morphology	• thrombotic thrombocytopenia purpura
• indications for transfusion vs observation	• transfusion associated allergic reactions
• insecticide toxicity	• von Willebrand disease

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CC AP/CP with Dermatopathology emphasis – 50-Question Mandatory Module	
• amyloidosis	• f lobular panniculitis
• angiofibroma	• malignant adnexal tumors of glandular origin
• artifacts	• medical ethics - autonomy, beneficence, justice, disease incidence, prevalence
• bacterial and rickettsial infections	• Muir-Torre syndrome
• benign eccrine tumors	• mycobacterial infections
• benign fibrous and fibrohistiocytic tumors	• normal probability distribution; statistics
• benign hair follicle tumors	• normal skin histology by location
• benign neural tumors	• papular mucinosis; scleromyxedema
• business strategy; market segmentation	• pigment and related deposits
• CLIA; retention requirements	• porphyria
• CPT coding	• protozoal infections
• cutaneous B-cell lymphomas	• quality control
• cutaneous T-cell and NK-cell lymphomas	• reactions to physical agents
• dermal fillers	• sentinel lymph node; malignant melanoma
• dermal melanocytic lesions	• skin, biopsy site histology
• dermatophytoses	• state law
• developmental cysts	• subacute lupus erythematosus
• Gardner syndrome	• superficial filamentous infections
• hair shaft abnormalities	• vascular occlusive diseases
• histiocytic lesions	• viral diseases
• interface dermatitis	• vitamin and dietary deficiencies
• Joint Commission; tissues sent to pathology	• yeast infections
• keratosis pilaris	• water intoxication
• Langerhans cell histiocytosis	

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CC AP/CP with Forensic Pathology emphasis – 50-Question Mandatory Module	
• acute esophageal necrosis syndrome	• HIPPA; medical records and medical examiners
• air embolism	• intusseption
• alcoholic ketoacidosis	• lead poisoning
• anaphylaxis related deaths	• Lynch syndrome
• bacterial endocarditis; infectious organisms	• medication errors; potassium chloride
• bioterrorism agents; CDC classification	• meningitis; clinical associations
• bioterrorism and chemical agents; skin toxicity	• micky finn, toxicology
• blood ethanol concentration	• myxedema coma; thyroid function tests
• CAP; forensic tissue retention	• National Academy of Sciences forensic recommendations
• carbon monoxide poisoning	• neonatal meningitis
• carbon monoxide; blood gases	• neuroleptic malignant syndrome
• cavitary lesions; microbiology	• postmortem diagnosis of AIDS
• channelopathies; genetics	• prothrombin gene mutation
• channelopathies; laboratory testing	• psychogenic polydipsia
• cocaine; toxicology	• ricochet wounds
• coroner office accreditation	• spontaneous splenic rupture
• criminal abortion; complications	• synthetic designer drugs
• DNA analysis; PCR vs RFLP	• thrombotic thrombocytopenic purpura
• drugs of abuse; acceptable specimens	• thyroid storm
• eating disorders	• venom related deaths; insects and arachnids
• environmental and worker safety -OSHA	• vincristine; iatrogenic deaths
• fatty acid oxidation disorders	• viral gastroenteritis
• g-6-pd enzyme deficiency	• virus cultures; preferred specimens
• gas gangrene	• vitreous chemistries
• gastric alcohol dehydrogenase	• water intoxication
• hepatitis B	

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CC AP/CP with Neuropathology emphasis– 50-Question Mandatory Module	
• Acute viral infections	• Inherited Cognitive Disabilities
• Alzheimer Disease	• Lacunar Infarcts
• Alzheimer Type II Astrocytes	• Lewy Body Disease Spectrum Disorders
• Amebic Encephalitis	• Lymphoma
• Anti-Hu syndrome	• Medical Coding Systems
• Axonal Degeneration/Spheroid/Reaction	• Medicare Physician Payment
• Bacterial Meningitis	• Medulloblastoma
• Cap Specimen Retention Requirements	• Meningiomas
• Chordoid Glioma Of The Third Ventricle	• Metastatic Carcinoma
• Chordoma	• Mixed Neuronal-Glial Tumors
• Circumscribed Astrocytomas	• Multiple Sclerosis
• Comparative Genomic Hybridization	• Neuroblastoma
• Cost To Detect A Positive Result Calculation	• Neurodegeneration With Brain Iron Accumulation (Hallervorden-Spatz Disease)
• Cranial and Paraspinal Nerve Tumors	• Oligodendroglial Tumors
• Cranio-Cerebral Trauma	• Pick Disease
• Diffuse Astrocytomas	• Pineal Region Tumors
• Diffuse Axonal Injury	• Pituitary Gland
• Ependymal Tumors	• Progressive Multifocal Leukoencephalopathy
• Errors In Surgical Pathology; Medical-Legal Lawsuits	• Progressive Supranuclear Palsy
• Ethical Principles Of Research	• Quality Assurance, Improvement, And Management
• Fahr Disease	• Rasmussen Encephalitis
• Fungal Infections	• Sellar Region Tumors
• Germ Cell Tumors	• Sensitivity; Specificity
• Infectious Cerebritis And Chronic Dementia	• Subependymal Germinal Plate/Matrix Hemorrhage
• Inflammatory Myopathies	• Synoptic Surgical Pathology Reports

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CC AP/CP with Pediatric Pathology emphasis– 50-Question Mandatory Module	
• ABCA3 deficiency	• lysosomal storage diseases
• Alagille syndrome	• maternal lupus
• amebic meningoencephalitis	• meconium drug testing
• bacterial colitis	• megaloblastic anemia
• bone marrow; non-neoplastic cells	• myocarditis; infectious organisms
• celiac sprue	• neonatal exchange transfusion
• CLIA test classifications	• Nieman-Pick disease
• crescentic glomerulonephritis	• peroxosomal disorders; testing
• cystic fibrosis testing	• platelet transfusions and platelet count
• DiGeorge syndrome	• POC testing vs. central laboratory
• distal digital hypoplasia; drug exposure	• propionyl-CoA carboxylase deficiency
• EBV infection; lab tests	• real-time PCR interpretation
• enteroviral aseptic meningitis; CSF	• retinoblastoma; cytogenetics
• eosinophilic and neutrophilic dermatoses	• rheumatic heart disease
• fetomaternal hemorrhage; lab investigation	• sickle disease testing
• flow cytometry DNA analysis	• single nucleotide polymorphism microarray analysis; indications
• funisitis; causes	• Streptococcus pyogenes infections
• genomic imprinting	• surfactant metabolism disorder
• gestational trophoblastic disease; flow cytometry	• test accuracy
• glucose-6-phosphate dehydrogenase deficiency	• thrombotic microangiopathy
• hemophilia A; inheritance	• transplant rejection
• infantile eosinophilic periinsulinitis	• urea cycle disorders
• lung cysts	• viral encephalitis
• Lyme disease	• viral pneumonia