

Content Specifications Outline M2 CCA Written Exam 2008

Section: Abdominal

1. Know the anatomic location of intra-abdominal organs
2. Know the physical exam findings in patients with ascites
3. Know how to assess liver span
4. Know the physical exam findings in patients with abdominal aortic aneurysms
5. Know the physical exam findings in patients with diverticulitis
6. Know the technique for examination of the spleen
7. Know the physical exam findings in patients with peritonitis
8. Know the physical exam findings in patients with anemia
9. Know the physiology and significance of percussion used during the abdominal exam
10. Know the correct sequence of performing the abdominal exam
11. Know the physical exam findings in patients with pyelonephritis
12. Know the technique for auscultation of abdominal and renal bruits
13. Know the physical exam findings in patients with appendicitis
14. Know the terminology for associated physical exam findings in patients with cirrhosis
15. Know the anatomic location for referred pain from intra-abdominal organs

Section: Cardiac

1. Know the characteristics of aortic and mitral murmurs
2. Know the grading scale for cardiac murmurs
3. Know how to assess jugular venous pressure
4. Know the physical exam findings in patients with hypertension
5. Know the characteristics of diastolic murmurs
6. Know the physiology and significance of heart sounds
7. Know the physiology and significance of cardiac waveforms
8. Know the definitions of cyanosis, clubbing, dyspnea, orthopnea, paroxysmal nocturnal dyspnea, tachypnea
9. Know the physical exam findings in patients with cardiomegaly
10. Know the physiology and significance of sounds heard when taking blood pressure measurements
11. Know the correct technique for measuring blood pressure
12. Know the anatomic location of arteries palpated during the vascular exam
13. Know the physiology and anatomic location of the apical impulse
14. Know the risk factors for cardiovascular disease
15. Know the physical exam findings in patients with peripheral vascular disease

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Section: Pulmonary

1. Know the physical findings in patients with chronic obstructive pulmonary disease (COPD)
2. Know the physical exam findings in patients with a pneumothorax
3. Know the physical exam findings in patients with a pleural effusion
4. Know the physical exam findings of respiratory failure
5. Know the physical exam findings in patients with pneumonia
6. Know and understand the physiology and significance of lung sounds (e.g. wheezing, crackles)
7. Know the physical exam findings in patients with pulmonary embolus
8. Know the physiology and significance of percussion tones heard during the lung exam
9. Know the physical exam findings in patients with asthma exacerbations
10. Know the anatomic locations of the lobes of the lung
11. Know the terminology to describe different respiratory patterns
12. Know the pulmonary physical findings associated with allergic reactions
13. Know the pulmonary conditions associated with clubbing
14. Know the definitions of apnea, Kussmaul's respiration, Cheyne-Stokes respiration
15. Know the physical exam findings in patients with systemic lupus erythematosus (SLE)
16. Know the physical exam findings in patients with idiopathic pulmonary fibrosis

Content: Neurology

1. Know the components of the neurologic mental status exam
2. Know the motor and sensory functions of cranial nerves I-XII
3. Know the grading scale for motor strength
4. Know the definition of muscular tone
5. Know the correct techniques to elicit deep tendon reflexes
6. Know the terminology used to describe findings during the neurologic sensory exam
7. Know the definitions of anosognosia and alexia
8. Know the definitions of diadochokinesia, graphesthesia, stereognosis
9. Know the physiology and significance of abnormal deep tendon reflexes
10. Know the definitions of terms used to describe involuntary abnormal movements that may be found during the neurologic exam
11. Know the definitions of athetosis, ballismus, chorea, dystonia, myoclonus, and tic
12. Know the definitions of atrophy, hypertonicity, rigidity, and Spasticity
13. Know the physical exam findings in patients with median, radial, and ulnar neuropathies
14. Know the physical exam findings in patients with homonymous and temporal hemianopsias
15. Know the physical exam findings and significance in patients with scotomas

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Section: Musculoskeletal

1. Know the physical exam findings in carpal tunnel syndrome
2. Know the physical exam techniques for the evaluation of patients with shoulder injuries
3. Know the physical exam findings in patients with scoliosis
4. Know the physical exam findings and significance of a Baker's cyst
5. Know the physical exam findings in a patient with a normal knee exam
6. Know the definitions of common terms used to describe movement for the musculoskeletal exam (e.g. abduction, adduction, inversion, eversion, etc.)
7. Know the definitions of directional movements of the head/neck used during the musculoskeletal exam
8. Know the definitions of directional movements of the shoulder used during the musculoskeletal exam
9. Know the definitions of directional movements of the spine used during the musculoskeletal exam
10. Know the definitions of directional movements of the extremities used during the musculoskeletal exam
11. Know the correct physical exam techniques to exam a patient's shoulder
12. Know the physical exam findings in patients with genu valgus and genu varus abnormalities
13. Know the physical exam findings in patients with medial/lateral epicondylitis
14. Know the physical exam findings in patients with olecranon bursitis
15. Know the physical exam findings in patients with hallux valgus and hallux varus
16. Know the physical exam findings in patients with pes planus and pes cavus
17. Know the physical exam technique and findings to identify patients with meniscal injuries of the knee
18. Know the physical exam technique and findings to identify patients with injuries to the anterior cruciate ligament of the knee
19. Know the physical exam technique and findings to identify patients with injuries to the medial/lateral collateral ligaments of the knee
20. Know the physical exam findings in patients with rotator cuff injuries

Section: ENT/Ophthalmology

1. Know the anatomic location and function of the optic nerve, optic disc, and macula
2. Know the definitions and significance of cotton wool spots, ocular hemorrhage, papilledema
3. Know the physical exam findings in patients with conductive and sensorineural hearing loss
4. Know the physical exam techniques and interpretation of findings when using the Weber and Rinne tests
5. Know the characteristics of normal and malignant lymph nodes on physical exam
6. Know the definitions and significance of horizontal, rotational, unilateral, and vertical nystagmus
7. Know the definitions and physiology that lead to miosis and mydriasis
8. Know the anatomy and findings in a patient with a normal otoscopic exam
9. Know the ocular physical exam findings in patients with underlying systemic illnesses: Wilson's disease, hyperthyroidism, myasthenia gravis, osteogenesis imperfecta