

UPDATED FOR 2017

NCCPA CONTENT BLUEPRINT CHECKLIST

Contents: 13 organ systems and
467 topics (diseases)

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THE PANCE AND PANRE EXAM ACADEMY

CARDIOLOGY (16%)		
Cardiomyopathy		
1.	Dilated	
2.	Hypertrophic	
3.	Restrictive	
Conduction Disorders		
4.	Atrial fibrillation/flutter	
5.	Atrioventricular block	
6.	Bundle branch block	
7.	Paroxysmal supraventricular tachycardia	
8.	Premature beats	
9.	Sick sinus syndrome	
10.	Ventricular tachycardia	
11.	Ventricular fibrillation	
12.	Torsades de pointes	
Congenital Heart Disease		
13.	Atrial septal defect	
14.	Coarctation of aorta	
15.	Patent ductus arteriosus	
16.	Tetralogy of Fallot	
17.	Ventricular septal defect	
18. Heart Failure		
Hypertension		
19.	Essential	
20.	Secondary	
21.	Hypertensive emergencies	
Hypotension		
22.	Cardiogenic shock	
23.	Orthostatic hypotension	
Coronary Heart Disease		
24.	Acute myocardial infarction	
25.	Non-ST-segment elevation	

26.	ST-segment	
27.	Angina pectoris	
28.	Stable	
29.	Unstable	
30.	Prinzmetal variant	
Vascular Disease		
31.	Aortic aneurysm/dissection	
32.	Arterial embolism/thrombosis	
33.	Giant cell arteritis	
34.	Peripheral artery disease	
35.	Phlebitis/thrombophlebitis	
36.	Varicose veins	
37.	Venous insufficiency	
38.	Venous thrombosis	
Valvular Disease		
39.	Aortic stenosis	
40.	Aortic regurgitation	
41.	Mitral stenosis	
42.	Mitral regurgitation	
43.	Mitral valve prolapse	
44.	Tricuspid stenosis	
45.	Tricuspid regurgitation	
46.	Pulmonary stenosis	
47.	Pulmonary regurgitation	
Other Forms of Heart Disease		
48.	Acute and subacute bacterial endocarditis	
49.	Acute pericarditis	
50.	Cardiac tamponade	
51.	Pericardial effusion	
Cardiology Exam		

	DERMATOLOGY (5%)	
	Eczematous Eruptions	
	1. Dermatitis	
	2. Dyshidrosis	
	3. Lichen simplex chronicus	
	Papulosquamous Diseases	
	4. Drug eruptions	
	5. Lichen planus	
	6. Pityriasis rosea	
	7. Psoriasis	
	Desquamation	
	8. Erythema multiforme	
	9. Stevens-Johnson syndrome	
	10. Toxic epidermal necrolysis	
	Vesicular Bullae	
	11. Bullous pemphigoid	
	Acneiform Lesions	
	12. Acne vulgaris	
	13. Rosacea	
	Verrucous Lesions	
	14. Actinic keratosis	
	15. Seborrheic keratosis	
	Insects/Parasites	
	16. Lice	
	17. Scabies	
	18. Spider bites	
	Neoplasms	
	19. Basal cell carcinoma	
	20. Kaposi sarcoma	
	21. Melanoma	
	22. Squamous cell carcinoma	

	Hair and Nails	
	23. Alopecia	
	24. Onychomycosis	
	25. Paronychia	
	Viral Diseases	
	26. Condyloma acuminatum	
	27. Exanthems	
	28. Herpes simplex	
	29. Molluscum contagiosum	
	30. Varicella-zoster virus infections	
	31. Verrucae	
	Bacterial Infections	
	32. Cellulitis	
	33. Erysipelas	
	34. Impetigo	
	Fungal Infections	
	35. Candidiasis	
	36. Dermatophyte infections	
	Other Dermatological Conditions	
	37. Acanthosis nigricans	
	38. Burns	
	39. Hidradenitis suppurativa	
	40. Lipomas/epithelial inclusion cysts	
	41. Melasma	
	42. Pilonidal disease	
	43. Pressure ulcers	
	44. Urticaria	
	45. Vitiligo	
	Dermatology Exam	

EENT (9%)		
Eye Disorders		
1.	Blepharitis	
2.	Blowout fracture	
3.	Cataract	
4.	Chalazion	
5.	Conjunctivitis	
6.	Corneal abrasion	
7.	Corneal ulcer	
8.	Dacryoadenitis	
9.	Ectropion	
10.	Entropion	
11.	Foreign body	
12.	Glaucoma	
13.	Hordeolum	
14.	Hyphema	
15.	Macular degeneration	
16.	Nystagmus	
17.	Optic neuritis	
18.	Orbital cellulitis	
19.	Papilledema	
20.	Pterygium	
21.	Retinal detachment	
22.	Retinal vascular occlusion	
23.	Retinopathy	
24.	Strabismus	
Ear Disorders		
25.	Acute/chronic otitis media	
26.	Acoustic neuroma	
27.	Barotrauma	
28.	Cholesteatoma	
29.	Dysfunction of eustachian tube	

30.	Foreign body	
31.	Hearing impairment	
32.	Hematoma of external ear	
33.	Labyrinthitis	
34.	Mastoiditis	
35.	Meniere disease	
36.	Otitis externa	
37.	Tinnitus	
38.	Tympanic membrane perforation	
39.	Vertigo	
Nose/Sinus Disorders		
40.	Acute/chronic sinusitis	
41.	Allergic rhinitis	
42.	Epistaxis	
43.	Foreign body	
44.	Nasal polyps	
Mouth/Throat Disorders		
45.	Acute pharyngitis	
46.	Aphthous ulcers	
47.	Diseases of the teeth/gums	
48.	Epiglottitis	
49.	Laryngitis	
50.	Oral candidiasis	
51.	Oral herpes simplex	
52.	Oral leukoplakia	
53.	Peritonsillar abscess	
54.	Parotitis	
55.	Sialadenitis	
56. Benign and malignant neoplasms		
EENT Exam		

ENDOCRINE (6%)		
Diseases of the Thyroid Gland		
1.	Hyperparathyroidism	
2.	Hypoparathyroidism	
3.	Hyperthyroidism	
4.	Hypothyroidism	
5.	Neoplastic disease	
6.	Thyroiditis	
Diseases of the Adrenal Glands		
7.	Corticoadrenal insufficiency	
8.	Cushing syndrome	
9.	Neoplastic disease	
Diseases of the Pituitary Gland		
10.	Acromegaly/gigantism	
11.	Diabetes insipidus	
12.	Dwarfism	
13.	Neoplastic disease	
14.	Pituitary adenoma	
Diabetes Mellitus		
15.	Type 1	
16.	Type 2	
Lipid Disorders		
17.	Hypercholesterolemia	
18.	Hypertriglyceridemia	
Endocrinology Exam		

GASTROENTEROLOGY AND NUTRITION (10%)		
Esophagus		
1.	Esophagitis	
2.	Motility disorders	
3.	Mallory-Weiss tear	
4.	Neoplasms	
5.	Strictures	
6.	Varices	
Stomach		
7.	Gastroesophageal reflux disease	
8.	Gastritis	
9.	Neoplasms	
10.	Peptic ulcer disease	
11.	Pyloric stenosis	
Gallbladder		
12.	Acute/chronic cholecystitis	
13.	Cholangitis	
14.	Cholelithiasis	
Liver		
15.	Acute/chronic hepatitis	
16.	Cirrhosis	
17.	Neoplasms	
Pancreas		
18.	Acute/chronic pancreatitis	
19.	Neoplasms	
Small Intestine/Colon		
20.	Appendicitis	
21.	Celiac disease	
22.	Constipation	

23.	Diverticular disease	
24.	Inflammatory bowel disease	
25.	Intussusception	
26.	Irritable bowel syndrome	
27.	Ischemic bowel disease	
28.	Lactose intolerance	
29.	Neoplasms	
30.	Obstruction	
31.	Polyps	
32.	Toxic megacolon	
Rectum		
33.	Anal fissure	
34.	Abscess/fistula	
35.	Fecal impaction	
36.	Hemorrhoids	
37.	Neoplasms	
38. Hernia		
39. Infectious and Noninfectious Diarrhea		
40. Vitamin and Nutritional Deficiencies		
41. Metabolic Disorders		
GI and Nutrition Exam		

GENITOURINARY (6%)		
GU Tract Conditions		
1.	Benign prostatic hyperplasia	
2.	Congenital abnormalities	
3.	Cryptorchidism	
4.	Erectile dysfunction	
5.	Hydrocele/varicocele	
6.	Incontinence	
7.	Nephrolithiasis/uroolithiasis	
8.	Paraphimosis/phimosis	
9.	Testicular torsion	
Infectious/Inflammatory Conditions		
10.	Cystitis	
11.	Epididymitis	
12.	Orchitis	
13.	Prostatitis	
14.	Pyelonephritis	
15.	Urethritis	
Neoplastic Diseases		
16.	Bladder cancer	
17.	Prostate cancer	
18.	Renal cell carcinoma	
19.	Testicular cancer	
20.	Wilms tumor	
Renal Diseases		
21.	Acute renal failure	
22.	Chronic kidney disease	
23.	Glomerulonephritis	
24.	Hydronephrosis	
25.	Nephrotic syndrome	
26.	Polycystic kidney disease	
27.	Renal vascular disease	
Fluid and Electrolyte Disorders		

28.	Hypervolemia	
29.	Hypovolemia	
30. Acid/Base Disorders		
Genitourinary Exam		

HEMATOLOGIC (3%)		
Anemias		
1.	Anemia of chronic disease	
2.	Aplastic anemia	
3.	Folate deficiency	
4.	G6PD deficiency	
5.	Hemolytic anemia	
6.	Iron deficiency	
7.	Sickle cell anemia	
8.	Thalassemia	
9.	Vitamin B12 deficiency	
Coagulation Disorders		
10.	Clotting factor disorders	
11.	Hypercoagulable states	
12.	Thrombocytopenia	
13.	• Idiopathic thrombocytopenic purpura	
14.	• Thrombotic thrombocytopenic purpura	
Malignancies		
15.	Acute/chronic lymphocytic leukemia	
16.	Acute/chronic myelogenous leukemia	
17.	Lymphoma	
18.	Multiple myeloma	
Hematology Exam		

INFECTIOUS DISEASE (3%)		
Fungal Disease		
1.	Candidiasis	
2.	Cryptococcosis	
3.	Histoplasmosis	
4.	Pneumocystis	
Bacterial Disease		
5.	Acute rheumatic fever	
6.	Botulism	
7.	Chlamydia	
8.	Cholera	
9.	Diphtheria	
10.	Gonococcal infections	
11.	Salmonellosis	
12.	Shigellosis	
13.	Tetanus	
Mycobacterial Disease		
14.	Atypical mycobacterial disease	
15.	Tuberculosis	
Parasitic Disease		
16.	Helminth infestations	
17.	Malaria	
18.	Pinworms	
19.	Toxoplasmosis	
Spirochetal Disease		
20.	Lyme disease	
21.	Rocky Mountain spotted fever	
22.	Syphilis	
Viral Disease		

23.	Cytomegalovirus infections	
24.	Epstein-Barr virus infections	
25.	Erythema infectiosum	
26.	Herpes simplex	
27.	HIV infection	
28.	Human papillomavirus infections	
29.	Influenza	
30.	Measles	
31.	Mumps	
32.	Rabies	
33.	Roseola	
34.	Rubella	
35.	Varicella-zoster virus infections	
Infectious Disease Exam (coming soon)		

MUSCULOSKELETAL (10%)		
Disorders of the Shoulder		
1.	Fractures/dislocations	
2.	Soft tissue injuries	
Disorders of the Forearm/Wrist/Hand		
3.	Fractures/dislocations	
4.	Soft tissue injuries	
Disorders of the Back/Spine		
5.	Ankylosing spondylitis	
6.	Back strain/sprain	
7.	Cauda equine syndrome	
8.	Herniated nucleus pulposus	
9.	Kyphosis	
10.	Lower back pain	
11.	Scoliosis	
12.	Spinal stenosis	
Disorders of the Hip		
13.	Avascular necrosis	
14.	Development dysplasia	
15.	Fractures/dislocations	
16.	Slipped capital femoral epiphysis	
Disorders of the Knee		
17.	Fractures/dislocations	
18.	Osgood-Schlatter disease	
19.	Soft tissue injuries	
Disorders of the Ankle/Foot		
20.	Fractures/dislocations	
21.	Soft tissue injuries	
Infectious Diseases		
22.	Acute/chronic osteomyelitis	

23.	Septic arthritis	
Neoplastic Disease		
24.	Bone cysts/tumors	
25.	Ganglion	
26. Osteoarthritis		
27. Osteoporosis		
28. Compartment Syndrome		
Rheumatologic Conditions		
29.	Fibromyalgia	
30.	Gout/pseudogout	
31.	Juvenile rheumatoid arthritis	
32.	Polyarteritis nodosa	
33.	Polymyositis	
34.	Polymyalgia rheumatica	
35.	Reactive arthritis (Reiter syndrome)	
36.	Rheumatoid arthritis	
37.	Systemic lupus erythematosus	
38.	Systemic sclerosis (Scleroderma)	
39.	Sjögren syndrome	
Musculoskeletal Exam		

	NEUROLOGIC (6%)	
	Diseases of Peripheral Nerves	
	1. Complex regional pain syndrome	
	2. Peripheral neuropathies	
	Headaches	
	3. Cluster headache	
	4. Migraine	
	5. Tension headache	
	Infectious Disorders	
	6. Encephalitis	
	7. Meningitis	
	Movement Disorders	
	8. Essential tremor	
	9. Huntington disease	
	10. Parkinson disease	
	Vascular Disorders	
	11. Cerebral aneurysm	
	12. Intracranial hemorrhage	
	13. Stroke	
	14. Transient ischemic attack	
	Other Neurologic Disorders	
	15. Altered level of consciousness	
	16. Cerebral palsy	
	17. Concussion	
	18. Dementias	
	19. Delirium	
	20. Guillain-Barré syndrome	
	21. Multiple sclerosis	

	22. Myasthenia gravis	
	23. Postconcussion syndrome	
	24. Seizure disorders	
	25. Status epilepticus	
	26. Syncope	
	27. Tourette disorder	
	Neurologic Exam	

PSYCHIATRY (6%)		
Anxiety Disorders		
1.	Generalized anxiety disorder	
2.	Panic disorder	
3.	Phobias	
4.	Post-traumatic stress disorder	
5. Attention-Deficit/Hyperactivity Disorder		
6. Autistic Disorder		
Eating Disorders		
7.	Anorexia nervosa	
8.	Bulimia nervosa	
9.	Obesity	
Mood Disorders		
10.	Adjustment	
11.	Bipolar	
12.	Depressive	
13.	Dysthymic	
14. Personality Disorders		
Psychoses		
15.	Delusional disorder	
16.	Schizophrenia	
17. Somatoform Disorders		
Substance Use Disorders		
18.	Abuse	
19.	Dependence	
20.	Withdrawal	
Other Behavior/Emotional Disorders		
21.	Acute reaction to stress	
22.	Child/elder abuse	

23.	Conduct disorders	
24.	Domestic violence	
25.	Grief reaction	
26.	Suicide	
Psychiatry Exam		

	PULMONARY (12%)	
	Infectious Disorders	
	1. Acute bronchitis	
	2. Acute bronchiolitis	
	3. Acute epiglottitis	
	4. Croup	
	5. Influenza	
	6. Pertussis	
	7. Pneumonias	
	8. • Bacterial	
	9. • Viral	
	10. • Fungal	
	11. • HIV-related	
	12. Respiratory syncytial virus infection	
	13. Tuberculosis	
	Neoplastic Disease	
	14. Carcinoid tumors	
	15. Lung cancer	
	16. Pulmonary nodules	
	Obstructive Pulmonary Disease	
	17. Asthma	
	18. Bronchiectasis	
	19. Chronic bronchitis	
	20. Cystic fibrosis	
	21. Emphysema	
	Pleural Diseases	
	22. Pleural effusion	
	23. Pneumothorax	
	Pulmonary Circulation	
	24. Cor pulmonale	
	25. Pulmonary embolism	

	26. Pulmonary hypertension	
	Restrictive Pulmonary Disease	
	27. Idiopathic pulmonary fibrosis	
	28. Pneumoconiosis	
	29. Sarcoidosis	
	Other Pulmonary Disease	
	30. Acute respiratory distress syndrome	
	31. Hyaline membrane disease	
	32. Foreign body aspiration	
	Pulmonary Exam	

	REPRODUCTIVE (8%)	
	Disorders of the <u>Uterus</u>	
	1. Dysfunctional uterine bleeding	
	2. Endometrial cancer	
	3. Endometriosis	
	4. Leiomyoma	
	5. Prolapse	
	Disorders of the Ovary	
	6. Cysts	
	7. Neoplasms	
	Disorders of the Cervix	
	8. Cancer	
	9. Cervicitis	
	10. Dysplasia	
	11. Incompetent	
	Disorders of the Vagina/Vulva	
	12. Cystocele	
	13. Neoplasm	
	14. Prolapse	
	15. Rectocele	
	16. Vaginitis	
	Menstrual Disorders	
	17. Amenorrhea	
	18. Dysmenorrhea	
	19. Premenstrual syndrome	
	20. Menopause	
	Disorders of the Breast	
	21. Abscess	
	22. Cancer	
	23. Fibroadenoma	
	24. Fibrocystic disease	

	25. Gynecomastia	
	26. Galactorrhea	
	27. Mastitis	
	28. <u>Pelvic Inflammatory Disease</u>	
	29. <u>Contraceptive Methods</u>	
	30. <u>Infertility</u>	
	<u>Uncomplicated Pregnancy</u>	
	31. Normal labor/delivery	
	32. Prenatal diagnosis/care	
	<u>Complicated Pregnancy</u>	
	33. Abortion	
	34. Abruptio placentae	
	35. Cesarean section	
	36. Dystocia	
	37. Ectopic pregnancy	
	38. Fetal distress	
	39. Gestational diabetes	
	40. Gestational trophoblastic disease	
	41. Hypertension disorders in pregnancy	
	42. Multiple gestation	
	43. Placenta previa	
	44. Postpartum hemorrhage	
	45. Premature rupture of membranes	
	46. Rh incompatibility	
	Reproductive Exam	