

PC1 / PC2 (FM/IM) ROTATION-SPECIFIC OBJECTIVES

Cardiovascular System

- Cardiomyopathy- dilated, hypertrophic, restrictive
- Congestive heart failure
- Hypotension- orthostatic / postural
- Other forms of heart disease- acute and subacute bacterial endocarditis
- Vascular disease- acute rheumatic fever, arterial embolism/thromboembolism, peripheral vascular disease, thrombophlebitis

Dermatological System

- Eczematous eruptions- dyshidrosis, lichen simplex chronicus
- Verruciform lesions- seborrheic keratosis, actinic keratosis
- Hair and Nails- alopecia areata, androgenic alopecia, paronychia
- Other- burns, hidradenitis suppurativa, melasma, vitiligo, vasculitis
- Appropriate dressing and wound treatments based on wound type
- Desquamation- Stevens-Johnson syndrome, toxic epidermal necrolysis, erythema multiforme, erythema nodosum
- Vesicular bullae- bullous pemphigoid
- Scalded skin syndrome

Endocrine:

- Diseases of the Parathyroid gland- hyperparathyroidism, hypoparathyroidism
- Diseases of the adrenal glands- Cushing's syndrome, corticoadrenal insufficiency, pheochromocytoma
- Diseases of the Pituitary gland- acromegaly/gigantism, dwarfism, diabetes insipidus, adenoma, hirsutism, gynecomastia

Eyes, Ears, Nose and Throat

- Ear disorders- mastoiditis, Meniere's disease, acoustic neuroma
- Mouth/throat disorders- epiglottitis, oral leukoplakia, peritonsillar abscess, parotitis, sialadenitis

Gastrointestinal System/Nutrition

- Liver- cirrhosis
- Pancreas- acute/chronic pancreatitis
- Rectum- anal fissure, anorectal abscess/fistula, fecal impaction, pilonidal disease, polyps
- Hernia- hiatal, incisional, inguinal, umbilical, femoral (not in here but prob should be)
- Other- peritonitis
- Esophagus- esophagitis, motor disorders, strictures, varices, Mallory-Weiss tear

Hematological

- Leukemia, Lymphoma
- Sickle cell disease/trait
- DIC
- Polycythemia vera

- Von Willebrand's
- Bleeding disorders
- Thalassemia
- ITP
- Multiple myeloma
- G6PD Deficiency

Infectious Disease

- Viral- Epstein-Barr, herpes simplex, HIV, influenza, human papilloma virus, varicella-zoster, pneumocystis
- Other - salmonellosis, shigellosis, tetanus, toxoplasmosis, botulism
- Spirochetal disease- Lyme borreliosis (Lyme disease), Rocky Mountain Spotted Fever, syphilis
- Cholera
- Sepsis / Systemic inflammatory response syndrome

Musculoskeletal System

- Disorders of the forearm/elbow/wrist/hand- trigger finger, olecranon bursitis
- Disorders of the shoulder- calcification tendonitis
- Disorders of the back/spine- ankylosing spondylitis, cauda equina, kyphosis/scoliosis
- Disorders of the hip- aseptic necrosis, trochanteric bursitis
- Disorders of the knee- bursitis
- Disorders of the leg/foot/ankle- bunions, hammer toes
- Infectious- osteomyelitis, septic arthritis
- Other- ganglion cyst, Baker's cyst, Morton's neuroma, TMJ

Neoplastic disorders

- GU- Prostate, Testicular, Renal Cell, Bladder, Breast
- GI- mouth, esophagus, stomach, liver, gallbladder, pancreas, rectal
- Heme- Lymphoma, Leukemia
- Pulmonary
- Endocrine- Thyroid, Pituitary
- Neuro- Brain
- Skin- basal cell carcinoma, melanoma, squamous cell carcinoma

Neurological Disease

- Diseases of the peripheral nerves- Bell's palsy, Guillain-Barre syndrome, myasthenia gravis
- Movement disorders- essential tremor, Huntington's disease, Parkinson's disease
- Seizure disorders- generalized convulsive disorder, generalized nonconvulsive disorder, status epilepticus, absence
- Other- Alzheimer's disease, multiple sclerosis, nystagmus, chronic regional pain syndrome (CRPS), Cerebral palsy

Ophthalmological

- Vision change- retinal detachment, retinal artery occlusion
- Infectious- dacryocystitis, orbital cellulitis, iritis, uveitis
- Other- strabismus, foreign body, corneal abrasion/ulcer, pterygium

Pulmonary:

- Restrictive pulmonary diseases
- Pleural effusion
- Other pulmonary diseases- foreign body aspiration, pulmonary emboli, sleep apnea, solitary pulmonary nodule, cor pulmonale, sarcoidosis

Renal

- Acid base disorders- metabolic & respiratory acidosis/alkalosis
- Dehydration
- Glomerulonephritis
- Nephrotic syndrome
- Polycystic kidney disease
- Hydronephrosis
- Hypo/hyponatremia, hypo/hyperkalemia, hypo/hypercalcemia
- Hypomagnesemia

Rheumatologic

- Fibromyalgia, gout/pseudogout, rheumatoid arthritis, polyarteritis nodosa, SLE, polymyalgia rheumatica
- Polymyositis
- Reactive arthritis
- Scleroderma
- Sjogren's syndrome
- Paget's disease

PC1/2 DIAGNOSTICS

Students will be expected to appropriately **recommend, interpret** the findings, and **recognize the indications/clinical significance** of the following diagnostic studies. In addition students will be expected to discern appropriate **management** (including counseling and informed consent) when *abnormalities* are found in the following routine tests, and recognize the **potential complications** for each:

- ANA
- Arterial Blood Gases
- Anti-CCP Antibody
- Rheumatoid Factor

PC1/2 AQUIFER CASES

PC1 or PC2- whichever rotation you have 1st

1. Family Med 1: 45 year old woman wellness visit
2. Family Med 2: 55 year old man wellness visit
3. Family Med 6: 57 year old woman diabetes care visit
4. Family Med 8: 54 year old man with elevated blood pressure
5. Internal Med 15: 50 year old man with cough and nasal congestion
6. Internal Med 16: 45 year old man who is overweight

See appendix E for suggestions of additional cases to complete.

PC1 or PC2- whichever rotation you have 2nd

1. Family Med 4: 19 year old woman with sports injury
2. Family Med 7: 53 year old man with leg swelling
3. Family Med 28: 58 year old man with shortness of breath
4. Internal Med 2: 60 year old woman with chest pain
5. Internal Med 8: 55 year old man with chronic disease management
6. Internal Med 34: 55 year old man with low back pain

See appendix E for suggestions of additional cases to complete.

END OF PC1 / PC2 ROTATION-SPECIFIC OBJECTIVES