DIDACTIC TOPICS

**Anesthesiology**
- Airway Obstruction
- Conditions Requiring Local anesthesia
- Acute and chronic pain
- Blood loss (requiring blood transfusion & fluid management)

**ENT**
- Otitis media/externa
- Tonsillitis
- Sinusitis
- Neck mass-cancer, thyroid, adenopathy
- Vertigo

**Ophthalmology**
- Conjunctivitis
- Diabetic retinopathy
- Glaucoma

**Surgery**
- Gall bladder disease
- Hernias
- Appendicitis
- Breast disease-cyst/cancer
- Colon cancer
- Bowel obstruction
- GI bleeding
- Anorectal disease (hemorrhoids/fissures/abscess)
- Fluid & electrolyte balance
- Total Peripheral Nutrition (TPN)

**Dermatology**
- Acne
- Contact dermatitis
- Skin Cancer
- Eczema
- Actinic keratosis
- Warts
- Tinea & onychomycosis

**Family Medicine**
- Sinusitis/rhinitis/URI
- Otitis media
- Hypertension
- Diabetes
- Low Back Pain

**Geriatrics**
- Dementia/delirium/depression
- Osteoarthritis
- Hypertension
- Osteoporosis
- Diabetes
- Urinary incontinence/UTI
- Polypharmacy
- Benign prostatic hypertrophy (BPH) prostate cancer
- Sexual dysfunction/erectile dysfunction
- Falls

**Physical Medicine**
- Stroke

**Pediatrics**
- Growth and development
- Asthma and cystic fibrosis
- Febril child
- Otitis media
- Newborn jaundice
- Diarrhea/gastrointestinal disturbances
- Upper respiratory tract infections/bronchitis/pharyngitis
- Common rashes
- Well child care/immunizations
- Child abuse
- Meningitis

**Psychiatry/Psychology**
- Depression
- Anxiety disorders & panic attacks
- Schizophrenia
- Bipolar disorder
- Personality disorders
- Dementia
- Substance abuse, alcohol withdrawal
- Obsessive-compulsive disorder
- Eating disorders
- Attention deficit hyperactivity disorder
- Chronic pain

**Emergency Medicine**
- Resuscitation/cardiac arrest (ABC’s)
- Major/multiple trauma (including C spine fractures)
- Chest Pain/angina/acute myocardial infarction
- Vomiting (including hematemesis)/diarrhea/dehydration
- Cardiovascular accidents
- Acid-base disorders (including diabetic keto-acidosis)
- Management of overdose
- Acute respiratory distress/asthma/COPD
- Shock
- Assessment of low back pain
- Diagnosis and initial management of minor trauma
### Radiology
- Diagnostic approach to interpretation of
  - Chest x-rays
  - Abdominal x-rays
  - Extremity x-rays

### Managed Care Concepts
- Healthcare payers and payment systems
- Cost control methods
- Cost containment and utilization management
- Clinical practice guidelines

### Internal Medicine
#### Cardiology
- High blood pressure
- Chest pain (cardiac & non-cardiac etiologies)
- Dysrhythmia
- Cardiomyopathy
- CHF (functional assessment & management)
- CAD
- Dyslipidemia
- Murmurs (diagnostic workup)
- Syncope (cardiac & non-cardiac)

#### Circulatory
- Anemia

#### Endocrine

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### Gastrointestinal
- Diverticulitis/diverticulosis
- Hepatitis
- Colon Cancer
- Abdominal pain
- Diarrhea
- Gallbladder disease
- GERD
- Inflammatory bowel disease
- Irritable bowel disease
- Pancreatitis
- Peptic Ulcer disease

### Genitourinary
- Renal failure
- Fluid/electrolyte imbalance

### Heart
- Hypertension
- Congestive heart failure

### Lung
- COPD
- Asthma
- Pneumonia

### Neurology
- Stroke
- Altered mental status (coma, Encephalopathy, etc.)
- Seizures (including epilepsy)
- Headache (migraine, etc.)
- Syncope

### Pulmonology
- Acute bronchitis
- Asthma
- COPD/emphysema
- Lung Cancer
- Pneumonia
- Pulmonary embolism
- Respiratory failure
- Sleep apneas
- Chronic cough

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