

# Module Case Topics

## PROGRAM MODULES

### Choosing Wisely (25 cases)

Pre-op CXR, no clinical concern

Pre-op CXR, 73yo

Headache, history of malignancy

Migraine headache

Uncomplicated headache

3 wk Rhinosinusitis

Rhinosinusitis - Chemotherapy

Recurrent Rhinosinusitis

2wk Hx Low Back Pain

History of lumbar laminectomy

Paraspinal muscles wo radiation

Lung Cancer Screening

Lung Cancer Screening

PE, Wells 1.5, D-Dimer Neg

PE, current pancreatic cancer

Adnexal cyst

Adnexal Cyst

Adnexal Cyst, postmenopausal

Ped Head Injury - Neuro signs

Cranial nerve palsy

Pediatric Appendicitis

Ped Febrile Seizures

Pediatric Seizure First Occurrence

Renal Colic New Onset

Renal Colic, Hx of Renal Stones

### Internal Medicine (21 cases)

PE, Wells 1.5, D-Dimer Neg

PE, right effusion and atelectasis

Aortic Dissection

Low Probability CAD

Diabetic foot ulcer

Diabetic Foot

AAA

Chronic pulmonary disease

Interstitial lung disease

COPD versus CHF

Acute cholecystitis

Pancreatitis

Gallstones

Stroke

Lung Cancer Screening

Lung Cancer Screening

Thyroid Nodule

MRI Safety Implanted Devices

Metformin Lactic Acidosis

IV Contrast

Contrast allergies premedication

Surgery (20 cases)

Pre-op CXR, no clinical concern

Pre-op CXR, 73yo

Acute cholecystitis

Pancreatitis

Gallstones

Biliary colic

Small Bowel Obstruction

Acute diverticulitis

Acute Appendicitis

Colon Cancer

Upper GI Bleeding

Trauma (Whole body scan)

Trauma (Whole body scan)

Breast Screening - no family history

Breast Screening - Palpable abnormality

Aortic Dissection

Thyroid Nodule

Cost of Imaging

IV Contrast

Contrast allergies premedication

Family and Community Medicine (27 cases)

Pre-op CXR, no clinical concern

Pre-op CXR, 73yo

3 wk Rhinosinusitis

Rhinosinusitis - Chemotherapy

Recurrent Rhinosinusitis

Adnexal cyst

Adnexal Cyst

Adnexal Cyst, postmenopausal

2wk Hx Low Back Pain

Paraspinal muscles wo radiation

History of lumbar laminectomy

Headache, history of malignancy

Migraine headache

Uncomplicated headache

AAA

Biliary colic

Acute Female Pelvic Pain

Renal Colic New Onset

Renal Colic, Hx of Renal Stones

Lung Cancer Screening

Lung Cancer Screening

Breast Screening, No Prior History

Breast Screening - no family history

Gadolinium NSF

Breast Screening - Palpable abnormality

Radiation Safety Lifetime Risk

Contrast Screening

OB/GYN (16 cases)

Pre-op CXR, no clinical concern

Pre-op CXR, 73yo

Adnexal cyst

Adnexal Cyst

Adnexal Cyst, postmenopausal

Abnormal uterine bleeding

Abnormal uterine bleeding

Endometrial strip ,abnormal vaginal bleeding

Pelvic inflammatory disease

Infertility, Recurrent pregnancy loss

Pelvic pain

Breast Screening - no family history

Breast Screening, No Prior History

Breast Screening - Palpable abnormality

Radiation Safety

Radiation Exposure

Neurology (19 cases)

Headache, history of malignancy

Migraine headache

Uncomplicated headache

Ped Febrile Seizures

Ped Head Trauma, Neuro signs

Pediatric Seizure First Occurrence

2wk Hx Low Back Pain

History of lumbar laminectomy

Paraspinal muscles wo radiation

Cauda equina syndrome

Alzheimer's

Multiple Sclerosis

Meningitis

Traumatic Brain Injury

Cerebral infarction

Normal pressure hydrocephalus

Gadolinium NSF

MRI Safety Implanted Devices

Head CT with contrast

<p>Pediatrics (12 cases)</p> <p>Ped Febrile Seizures</p> <p>Pediatric Seizure First Occurrence</p> <p>Ped Head Injury - Neuro signs</p> <p>Cranial nerve palsy</p> <p>Pediatric Appendicitis</p> <p>Bronchiolitis</p> <p>Pediatric Pyloric Stenosis</p> <p>Pediatric Intussusception</p> <p>Ankle, Ottawa Rules Neg</p> <p>Ankle, Ottawa Rules Pos</p> <p>Radiation Safety</p> <p>Radiation Safety Lifetime Risk</p>	<p>Psychiatry (10 cases)</p> <p>AMS Stroke</p> <p>Alzheimer's</p> <p>AMS Tumor</p> <p>AMS Unknown Etiology</p> <p>Normal pressure hydrocephalus</p> <p>AMS Trauma</p> <p>Cost of Imaging</p> <p>Contrast Screening</p> <p>Head CT with contrast</p> <p>Radiation Exposure</p>
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**SPECIALTY MODULES**

<p>COVID-19</p> <ul style="list-style-type: none"> <li>• Role of imagining in COVID-19</li> <li>• ACR recommendations for COVID-19</li> <li>• Imaging for baseline pulmonary status</li> </ul>	<p>Health Equity: Life in Black and White</p> <p>This collection of questions can be completed individually, discussed with a study group, run as a seminar, and/or incorporated into a curriculum. Much of this material comes alive and is enriched through discussion.</p> <ul style="list-style-type: none"> <li>• Topics include: systemic racism, identity, privilege, microaggressions, and tone policing</li> </ul>
<p>Health Equity: Stereotyping Foster Health Disparities</p> <ul style="list-style-type: none"> <li>• Topics include: stereotyping and labeling patients</li> </ul>	<p>Health Equity in Lung Cancer Screening (Medical School Programs)</p> <ul style="list-style-type: none"> <li>• Topics include: communicating findings, patient “no show”, cost barriers, language barriers, gender in equity, “lost” patients</li> </ul>
<p>Health Equity in Breast Cancer Risk Assessment (Medical Student Programs)</p> <ul style="list-style-type: none"> <li>• Topics include: disparities based on age and race/ethnicity</li> <li>• Social determinants of health and health care inequities leading to breast cancer mortality disparities</li> </ul>	<p>Breast Screening in Transgender Patients (Medical School Programs)</p> <ul style="list-style-type: none"> <li>• Terminology</li> <li>• Outline breast factors unique to patients who identify as transgender.</li> <li>• Describe practical steps to making breast imaging more approachable, appropriate, and inclusive for transgender patients.</li> </ul>

Health Equity: Social Determinants in Abdominal Trauma  
(Medical School Programs)

- Topics include: communication, socioeconomic and demographic risk factors, negative factors impacting treatment