

## Aquifer Orientation Modules

### ~ Maine/QU LIC (Longitudinal Integrated Clerkship)

#### Required

**Culture in Healthcare** – exploring potential biases, establishing rapport, using LEARN model

- 2-year-old male with pneumonia and probable empyema – pneumonia with a pleural effusion

**Diagnostic Excellence:** errors in diagnosis, how to avoid/ how to mitigate; communication

- 10-year-old male with chronic abdominal pain – domestic violence and childhood functional abdominal pain
- 84-year-old female with sepsis – Clostridium difficile colitis

#### **DX Mini-Case**

- Internal Medicine – 79-year-old male with dementia and delirium (last case in the list)

#### **High Value Care**

- 45-year-old male – The importance of clinical reasoning.
  - a. Imaging of back pain; shared decision making
- 25-year-old female – Making diagnostic testing count.
  - b. DVT/PE/CHF and D-dimer/US/BNP; testing threshold
- 78-year-old female – High value care in the inpatient setting.
  - c. Inpatient rounds on 3 patients; preventable infections; guidelines; students as advocates for HVC
- 66-year-old female – Redefining value at end of life.
  - d. End of life care conversations; palliative care; hospice
- 16-year-old female – Statistics and clinical decision making.
  - e. Sore throat; testing and treatment EBM decisions; abx conversations

### **Oral Presentation Skills**

- Introduction and Primer: focused, problem based inpatient presentation
- What is Pertinent: identifying pertinent information based on varying chief concerns
- Assessment and Plan Exercise: assessment and plan x 3; models and common mistakes
- 4-month-old male with trouble breathing: build oral presentation step by step w/ clinical reasoning

### **Student Learning Resource**

- Cultural Awareness
  - a. Community culture; culturally effective care; doctor-patient interaction; health beliefs; health status and disparities; medical culture
- The Physician's Role
  - b. Delivering bad news; motivational interviewing; role of the primary care provider; the medical interview; the provider's perspective (including self-reflection tool)

### Optional

#### **Clinical Practice Guidelines** – hypertension

#### **Culture in Healthcare** – exploring potential biases, establishing rapport, using LEARN model

- 6-year-old female with seizures – benign partial epilepsy of childhood
- 2-year-old male with fever and headache – TB meningitis

#### **Diagnostic Excellence:** errors in diagnosis, how to avoid and how to mitigate; communication

- Two females with iron-deficiency anemia – colon cancer and menorrhagia
- 35-year-old male with abdominal pain – acute cholecystitis s/p cholecystectomy with iatrogenic bowel injury and sepsis
- 16-year-old female with pelvic pain – ovarian torsion
- 12-day-old male infant with bloody stool – malrotation with midgut volvulus

### **DX Mini-Case**

- Pediatrics - 3 day old with neonatal sepsis
- OB GYN – 32-year-old woman in labor, going off your shift
- Internal Medicine – 75-year-old female with SOB
- OB GYN – 17-year-old female with vaginal pain, needs interpreter
- Internal Medicine – 21-year-old female with SOB and wheezing

### **High Value Care**

- 65-year-old female – Adult preventive care and value.
  - Wellness screening; pt requested additional tests; shared decision making
- 80-year-old female – Medications and value.
  - Medication nonadherence and costs; teach back method
- 65-year-old male – Paying for value: Insurance Part 1
  - Cost and coverage of care; terminology; ACA; ACO's
- 7-year-old female – Rooting out waste.
  - Choosing testing based on EBM; harms of overtesting
- 5-month-old female and 4-year-old male – Value of vaccines.
  - Pedi vaccine schedules and how to approach anti-vaxxers
- 17-year-old female – High value care reproductive health care.
  - Contraception counseling and EBM screening
- 17-year-old female – Paying for value: Insurance Part 2.
  - Medicaid vs private payor coverage; high value imaging and prescribing

### **Student Learning Resource**

- Caring for Children and Youth with Special Health Care Needs
  - Child advocacy; community resources; continuity and transitions; educational services; guidelines for conducting a medical interview (including LEARN); helping families cope
- Medical Home
  - Patient- and family-centered partnership; role of the family; the medical team
- Navigating the Healthcare System
  - Financing health care; what is durable medical equipment; the medical statement and letter of medical necessity
- On Language
  - Language and communication; translation, interpretation and legal requirements; person-first language