

a. Case study requirements:

- i. Include the chief complaint, demographics, previous medical history (PMHx), previous surgical history (PSHx), allergies, lifestyle, history of present illness (HPI).
- ii. Analyze associated risk factors/demographics that contribute to the chief complaint and differential diagnoses
- iii. List three common differential diagnoses for the chief complaint, including pathophysiology and rationale, from the topic area identified on the CEA exam.
- iv. Discuss how the three differential diagnoses differ from each other in occurrence, pathophysiology, and presentation. Your discussion should compare and contrast these diagnoses rather than listing them.
- v. Describe relevant testing required to diagnose/evaluate the severity of the three differential diagnoses.
- vi. Present applicable national guidelines related to diagnosis and diagnostic testing for the differential diagnoses.

Chief Complaint- KH, a 22-year-old sexually active female, presents to the clinic with a new onset of frequent urination and suprapubic discomfort

Demographics-

Name: Katy Harris

Age: 22 years

Sex: Female

Occupation: Store Clerk

Marital Status: Single, no children

Race/Ethnicity: Hispanic

Lifestyle: Active (exercises regularly, non-smoker, no recreational drug use, and consumes alcohol socially)

Previous Medical History: none

Surgical history: none

Sexual history: Active with 2 partners

Chronic conditions: None