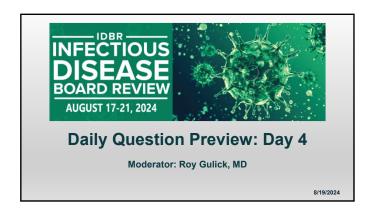
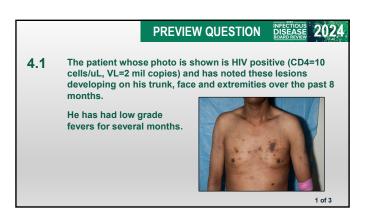
Moderator: Roy Gulick, MD





PREVIEW QUESTION

PREVIEW QUESTION

DISPASE

2024

4.1

For your differential diagnosis, what besides Kaposi sarcoma would be the most likely cause of these lesions and their associated fever?

A) HHV-6

B) CMV

C) Cryptococcus neoformans

D) Bartonella

E) Rhodococcus

PREVIEW QUESTION
DISEASE
2024

4.1 For your differential diagnosis, what besides Kaposi sarcoma would be the most likely cause of these lesions and their associated fever?

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PREVIEW QUESTION

28-year-old man with HIV on TDF/emtricitabine +
atazanavir/ritonavir for 2 years with HIV RNA <50 cps/ml and
CD4 200s→300s presents for routine follow-up; labs reveal
HIV RNA 68 cps/ml and CD4 352.

What do you recommend?

A) Obtain genotype
B) Obtain genotype
B) Obtain genotype
C) Repeat HIV RNA at next visit
D) Change regimen to TAF/emtricitabine/bictegravir to
improve adherence

PREVIEW QUESTION

DISEASE
2024

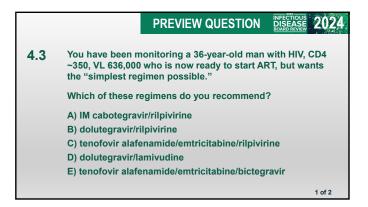
4.2 28-year-old man with HIV on TDF/emtricitabine +
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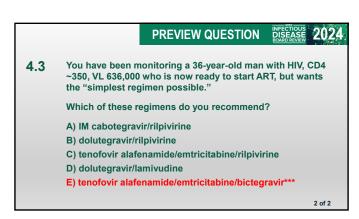
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Moderator: Roy Gulick, MD





4.4 •34 yo MSM receiving CAB IM q 2 months for pre-exposure prophylaxis for last 6 months

•Asymptomatic

•HIV Ag/Ab test negative

•Routine screening: HIV RNA 6.1 c/ml

PREVIEW QUESTION

DESCRIPTION

2024

4.4 Which of the following ARV resistance mutations is most likely in this setting?

A) S147G

B) N155H

C) Y143R

D) E92Q

E) K65R

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PREVIEW QUESTION

PREVIEW QUESTION

PRECIOUS 2024

4.5

A 22-year-old man presents with fever, mouth pain, and skin rash. PE reveals 3 small oral ulcers and diffuse macular rash. Labs show WBC 3K, platelets 89K, monospot negative, RPR NR, HIV antibody negative, HIV RNA 1,876,000 cps/ml.

Which statement is correct?

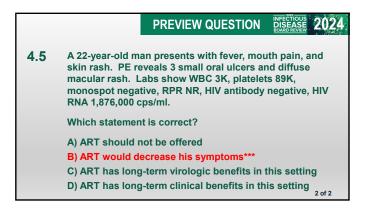
A) ART should not be offered

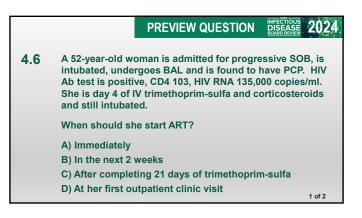
B) ART would decrease his symptoms

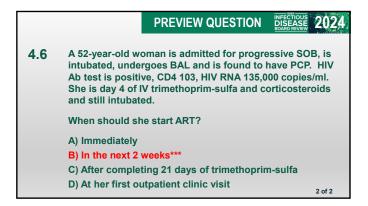
C) ART has long-term virologic benefits in this setting

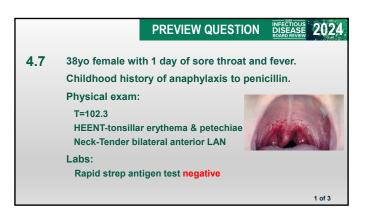
D) ART has long-term clinical benefits in this setting

Moderator: Roy Gulick, MD





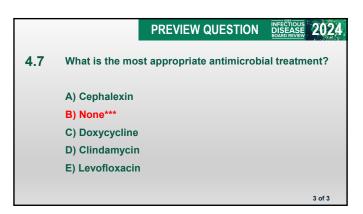




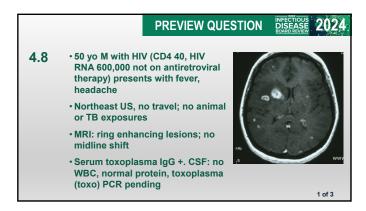
PREVIEW QUESTION
DISEASE 2024

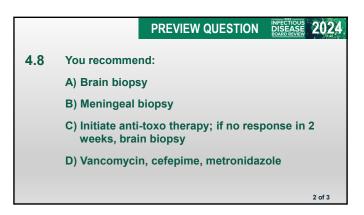
4.7 What is the most appropriate antimicrobial treatment?

A) Cephalexin
B) None
C) Doxycycline
D) Clindamycin
E) Levofloxacin



Moderator: Roy Gulick, MD





4.8 You recommend:

A) Brain biopsy

B) Meningeal biopsy

C) Initiate anti-toxo therapy; if no response in 2 weeks, brain biopsy***

D) Vancomycin, cefepime, metronidazole

PREVIEW QUESTION

50-yo woman with HIV (CD4 20, HIV RNA 500,000) presents with fever and headache. Not on antiretroviral therapy (ART). Diagnosed with cryptococcal meningitis.

Started on induction therapy (liposomal amphotericin plus 5FC). When should she be started on ART?

A) Start ART at the same time as anti-fungal therapy
B) About 4 weeks after starting anti-fungal therapy
C) 6 months after starting anti-fungal therapy
D) After completing a full course of maintenance anti-fungal therapy

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PREVIEW QUESTION

PREVIEW QUESTION

A 39-year-old woman is admitted for fever for 3 weeks, associated with diffuse arthralgias involving the knees, wrists and ankles.

A severe sore throat was present during the first week of the illness but has resolved.

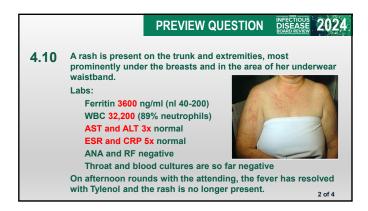
T=104.2° F.

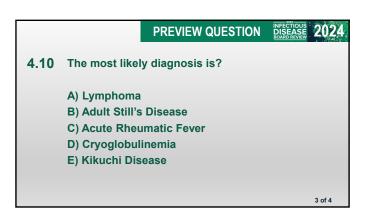
Tender cervical LAN appreciated.

Spleen tip is palpable.

Both knees are swollen & painful.

Moderator: Roy Gulick, MD

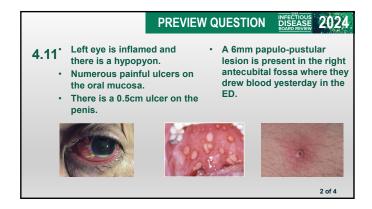


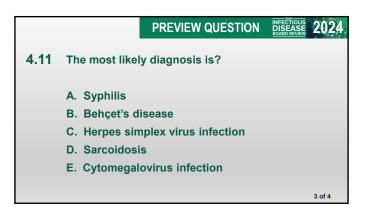




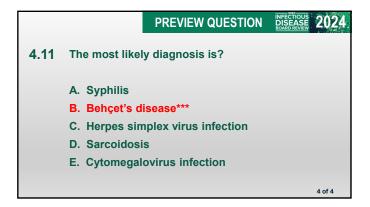
4.11 A 24-year-old man was referred by the ED for evaluation of ulcers of the mouth and penis. He was born in Japan and is in the U.S. to attend graduate school.

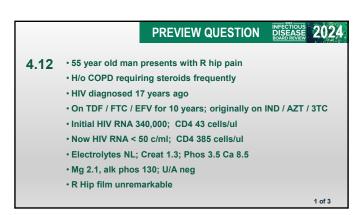
He has a history of recurrent painful oral ulcers for 3-4 years. Four days ago, he developed a painful ulcer on the penile shaft. He takes no medicines and denies sexual contact for the past 5 years.





Moderator: Roy Gulick, MD





4.12 Which of the following is the most likely underlying cause of his hip pain?

A) Osteonecrosis of Femoral Head
B) Fanconi's syndrome
C) Vitamin D deficiency
D) Tenofovir bone disease
E) Hypogonadism

PREVIEW QUESTION

DESCRIPTION

2024.

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A) Osteonecrosis of Femoral Head***

B) Fanconi's syndrome

C) Vitamin D deficiency
D) Tenofovir bone disease
E) Hypogonadism

4.13

•50-year-old man presents with a several day history of fever, headache, and personality change with progression to confusion

•On exam, temperature is 101°F; he is disoriented and unable to follow commands

•CT scan of the head without contrast is negative

•CSF analysis reveals a WBC of 80/mm3 (95% lymphs), glucose 70 mg/dL (serum 100 mg/dL), protein 120 mg/dL; Gram stain is negative

PREVIEW QUESTION DISEASE 2024

4.13 •Acyclovir is initiated
 •MRI with gadolinium reveals enhancement in the left temporal lobe
 •Results of initial cerebrospinal fluid (CSF) polymerase chain reaction (PCR) for HSV-1 and HSV-2 return negative
 •After 3 days, the patient is now oriented to name and follows simple commands

Moderator: Roy Gulick, MD

