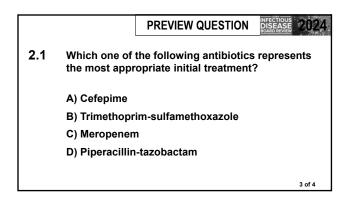


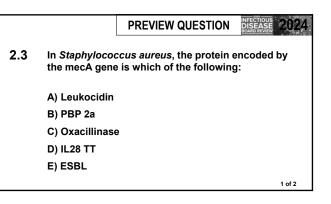
	PRE	PREVIEW QUESTION		
	Antibiotic	MIC	Interpretation	
2.1	Amikacin	>8 µg/mL	S	
	Aztreonam	16 µg/mL	R	
	Cefazolin	>16 µg/mL	R	
	Cefotetan	2 µg/mL	S	
	Cefepime	4 µg/mL	R	
	Ceftazidime	>16 µg/mL	R	
	Ceftriaxone	32 µg/mL	R	
	Ciprofloxacin	1 µg/mL	R	
	Ertapenem	0.5 µg/mL	S	
	Gentamicin	2 µg/mL	R	
	Meropenem	0.5 µg/mL	s	
	Piperacillin/tazobactam	8/4 µg/mL	S	
	Tobramycin	2 µg/mL	S	
	Trimethoprim/sulfamethoxazole	0.5/4 µg/mL	S	2 of 4

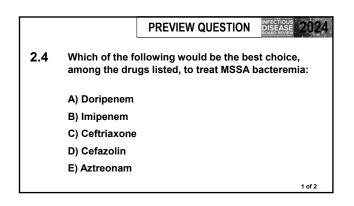


	PREVIEW QUESTION			
2.2	•24-year-old male with acute myelogenous leukemia			
	Absolute neutrophil count = 0 cells/mL			
	<ul> <li>Acute onset fevers and respiratory distress</li> </ul>			
	Multifocal pneumonia			
	<ul> <li>P. aeruginosa recovered from bronchoalveolar lavage fluid</li> </ul>			
	<ul> <li>Susceptibilities on next slide</li> </ul>			
	1 of 4			

	PREVIEW QUEST	
Antibiotic	MIC	Interpretation
Amikacin	> 8 µg/mL	R
Aztreonam	> 16 µg/mL	R
Cefepime	> 16 µg/mL	R
Ceftazidime	> 16 µg/mL	R
Ciprofloxacin	> 2 µg/mL	R
Colistin	2 µg/mL	1
Gentamicin	> 8 µg/mL	R
Meropenem	16 µg/mL	R
Piperacillin/tazobactam	> 64/4 µg/mL	R
Tobramycin	> 8 µg/mL	R
	sa with "difficult-to-treat resistant ctam and fluoroquinolone agents	

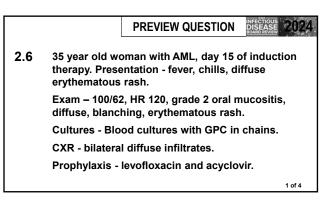
	PREVIEW QUESTION DESERVER 2024
2.2	Which one of the following antibiotics is <u>least</u> likely to be effective against DTR- <i>P. aeruginosa</i> infections?
	A) Ceftolozane-tazobactam
	B) Ceftazidime-avibactam
	C) Meropenem-vaborbactam
	D) Imipenem-cilastatin-relebactam
	3 of 4

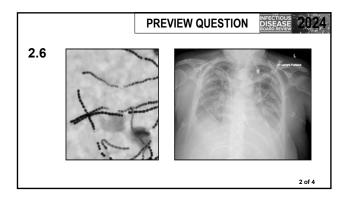


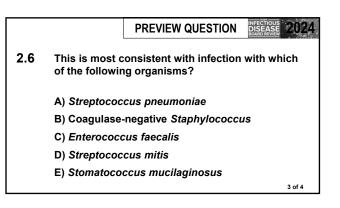


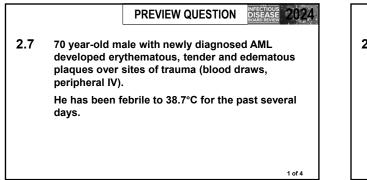
			24	
2.5	An 14-year-old female presents to your office with sore throat, fever, and malaise, with lymphadenopathy and pharyngitis on physical exam.			
	Her heterophi negative.	le antibody test (Monospot) is		
	In addition to serology.	other tests, you order EBV-specific		
		1 of	3	

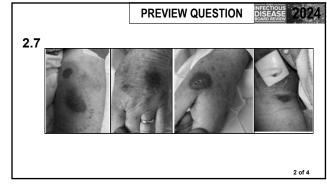
.5	Which EB	•	•	•	
	a diagnos	is of acute	e infectiou	is mononu	icleosis?
	Response	VCA IgM	VCA lgG	EBNA IgG	EA IgG
	Α	+	+	+	+
	В	+	+	-	+
	С	-	+	+	+
	D	-	-	+	-

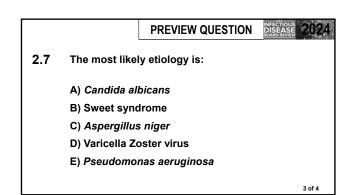


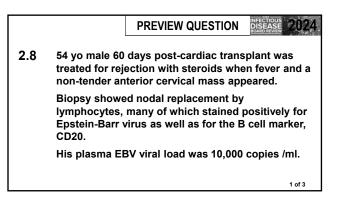


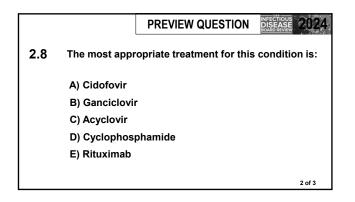


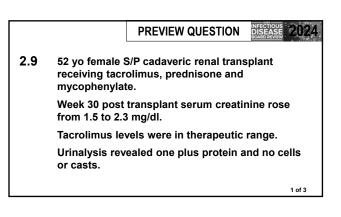


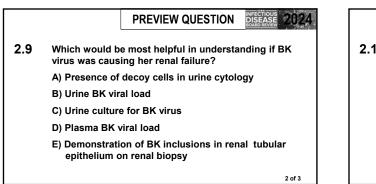


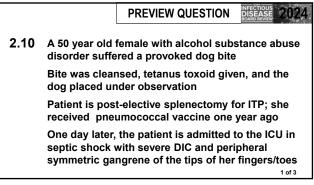


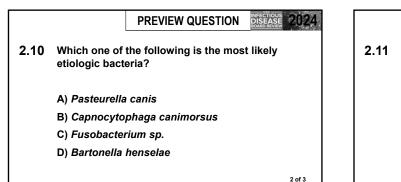


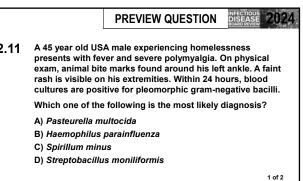




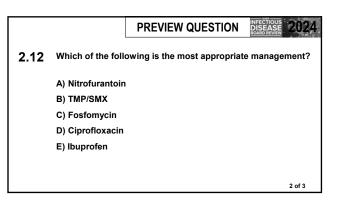


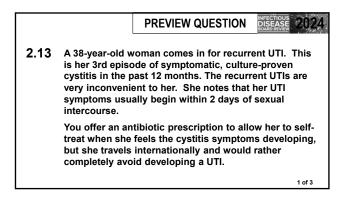


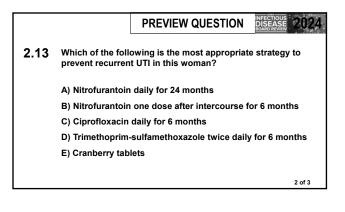




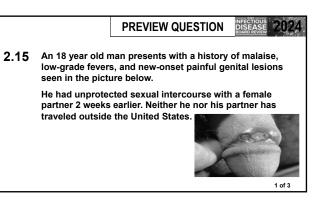
		PREVIEW QUESTION	INFECTIOUS DISEASE BOARD REVIEW
2.12	A 24-year-old woman is evaluated for cystitis symptoms of 3 days' duration. She reports no fever, chills, flank pain, or vaginal discharge. She had similar symptoms three months ago and was treated with trimethoprim-sulfamethoxazole, with relief of symptoms.		
	On physical exar unremarkable.	mination, vital signs and othe	r findings are
	On microscopic urinalysis, leukocytes are too numerous to count, erythrocyte count is 10/hpf, 4+ bacteria are present, and rare squamous epithelial cells are seen. Urine pregnancy test is negative.		
	hpf, high-powered field; TMP/S	SMX, trimethoprim/sulfamethoxazole	1 of 3







		PREVIEW QUESTION DISEASE 2024		
2.14	A 30 year old heart transplant has received acyclovir for the past 60 days for cutaneous HSV infection. The lesions are now progressive in spite of high-dose intravenous therapy.			
	The most likely cause for disease progression is a deficiency or alteration of:			
	A) Ribonucleotide reductase			
	B) Reverse transcriptase			
	C) Protease			
	D) Thymidine kinase			
	E) DNA polymerase			
		1 of 2		



# **QP2 – Question Preview: Day 2** *Moderator: Henry Masur, MD*

		PREVIEW QUESTION	INFECTIOUS DISEASE BOARD REVIEW	
2.15	Which of the following diagnostic tests is most likely to yield the specific diagnosis?			
	A) Serum RPR			
	B) Serum FTA-Abs			
	C) Darkfield microscopy			
	D) Glycoprotein	-G 1 serum antibodies		
	E) PCR on lesion	n swab		
			1 of 3	