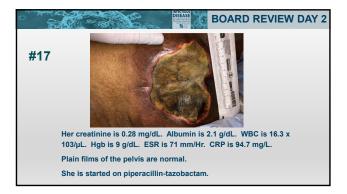
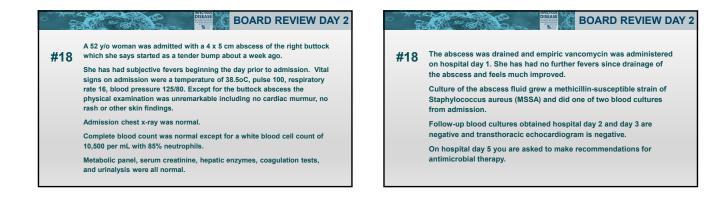


Speaker: Drs. Pavia (Moderator), Aronoff, Chambers, Nelson, and Trautner





BOARD REVIEW DAY 2



BOARD REVIEW DAY 2	BOARD REVIEW DA
#18 Which is your recommendation?A) No further antimicrobial therapy is needed, since source control has been established	#19 A 72-year-old man with type 2 diabetes mellitus, stage II chronic kidney disease (CKD), and a history of mild aortic stenosis is admitted to the hospital with fever, dysuria, and urinary frequency.
B) Continue vancomycin to complete a 7-day course	His temperature is 38.9oC, pulse regular at 110 beats per minute, and blood pressure 145/95 mm Hg.
C) Continue vancomycin to complete a 14-day course D) Switch to cefazolin to complete a 7-day course	His lungs are clear; a 3/6 systolic ejection murmur is heard at the right upper sternal boarder.
E) Switch to cefazolin to complete a 14-day course	

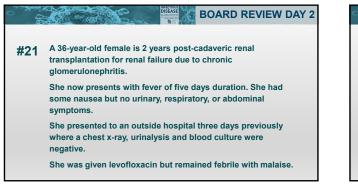
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#19	Laboratory tests are notable for hemoglobin 12 g/dl, white blood cell count 13,500 per mm3 (80% polymorphonuclear cells), serum glucose 340 mg/dl, serum creatinine 1.7 mg/dl, and urinalysis with 3+ protein, 20-50 white cells per high power field, and 4+ glucose.
	Two blood cultures and a urine culture are positive for gentamicin-resistant Enterococcus faecalis.

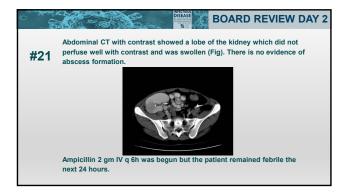
C CB	BOARD REVIEW DAY 2
#19	What antimicrobial regimen would you recommend for this patient?
	A) Daptomycin
	B) Ampicillin
	C) Ampicillin + ceftriaxone
	D) Vancomycin + streptomycin
	E) Ampicillin + streptomycin

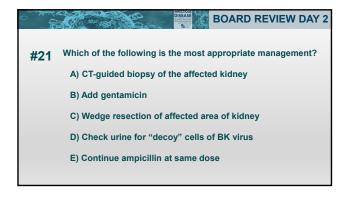
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#20	A 27-year-old man with a history of injection drug use and a prior episode of tricuspid valve endocarditis caused by methicillin-resistant Staphylococcus aureus (MRSA) is admitted with one week of fevers.
	A 3/6 systolic murmur is heard at lower left sternal border. Chest x-ray shows multiple peripheral infiltrates bilaterally.
	He says that during treatment of the prior endocarditis he had a bad reaction to vancomycin with fevers, a rash all over his body and swelling of his face.





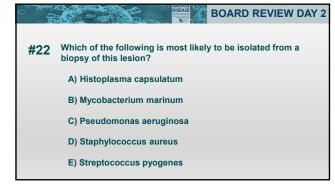
en v	BOARD REVIEW DAY 2
#21	Current medications included mycophenolate, sirolimus and prednisone 20 mg.
	 Examination found a fever of 39.2°C grade 1 systolic ejection murmur over the left sternal border, and a non-tender transplanted kidney in the right lower quadrant. Renal ultrasound of the transplanted kidney was normal.
	 Urine culture grew 100,000 colonies of E. faecalis, susceptible to ampicillin.
	 Urinalysis found 100 WBC per hpf, nitrate and protein negative.
	WBC was 10,700. Creatinine 1.3 mg/dl





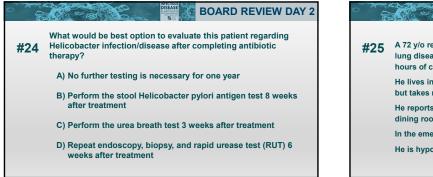


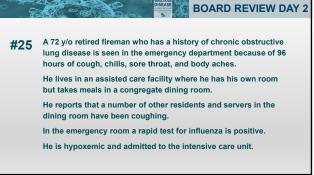


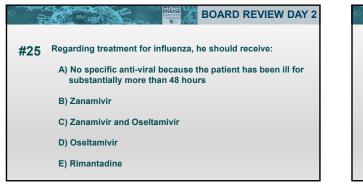


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#23	The hypervirulent strain of C. difficile designated North American Pulse Field 1 (NAP1), 027 by PCR ribotyping, and BI by restriction endonuclease analysis (REA) is characterized by which of the following?
	A) Patient mortality in excess of 50% within 30 days
	B) Recurrent C. difficile infection rates of over 35%
	C) High level toxin A and B production
	D) Vancomycin resistance
	E) Fidaxomicin resistance



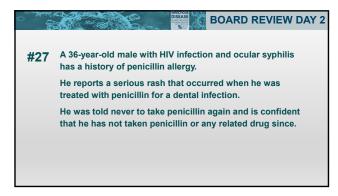


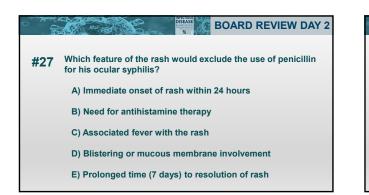




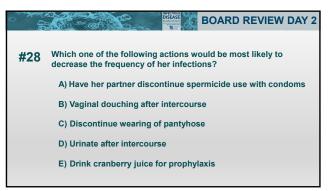


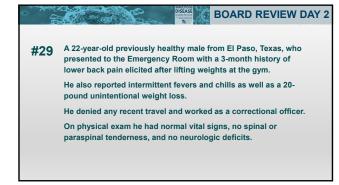


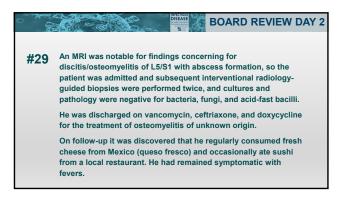




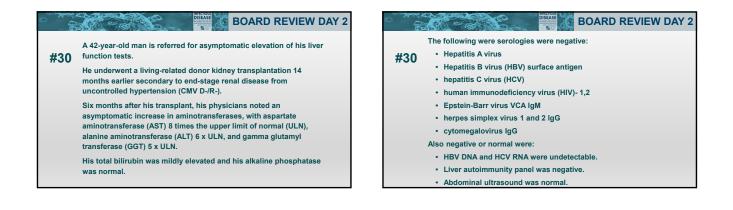












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#30	He denied alcohol consumption. He recently returned from living the past year in Germany and is an avid consumer of sausage.
	His immunosuppressive regimen included tacrolimus, mycophenolate mofetil, and prednisolone.
	His liver function tests have continued to be elevated over the past 9 months despite changes in his immunosuppressive regimen and antihypertensive medications.
	His physical examination was unremarkable.
	His BMI was 20 kg/m2. No scleral icterus was noted and no stigmata of cirrhosis were noted.
	A liver biopsy demonstrated lobular hepatitis without fibrosis.

