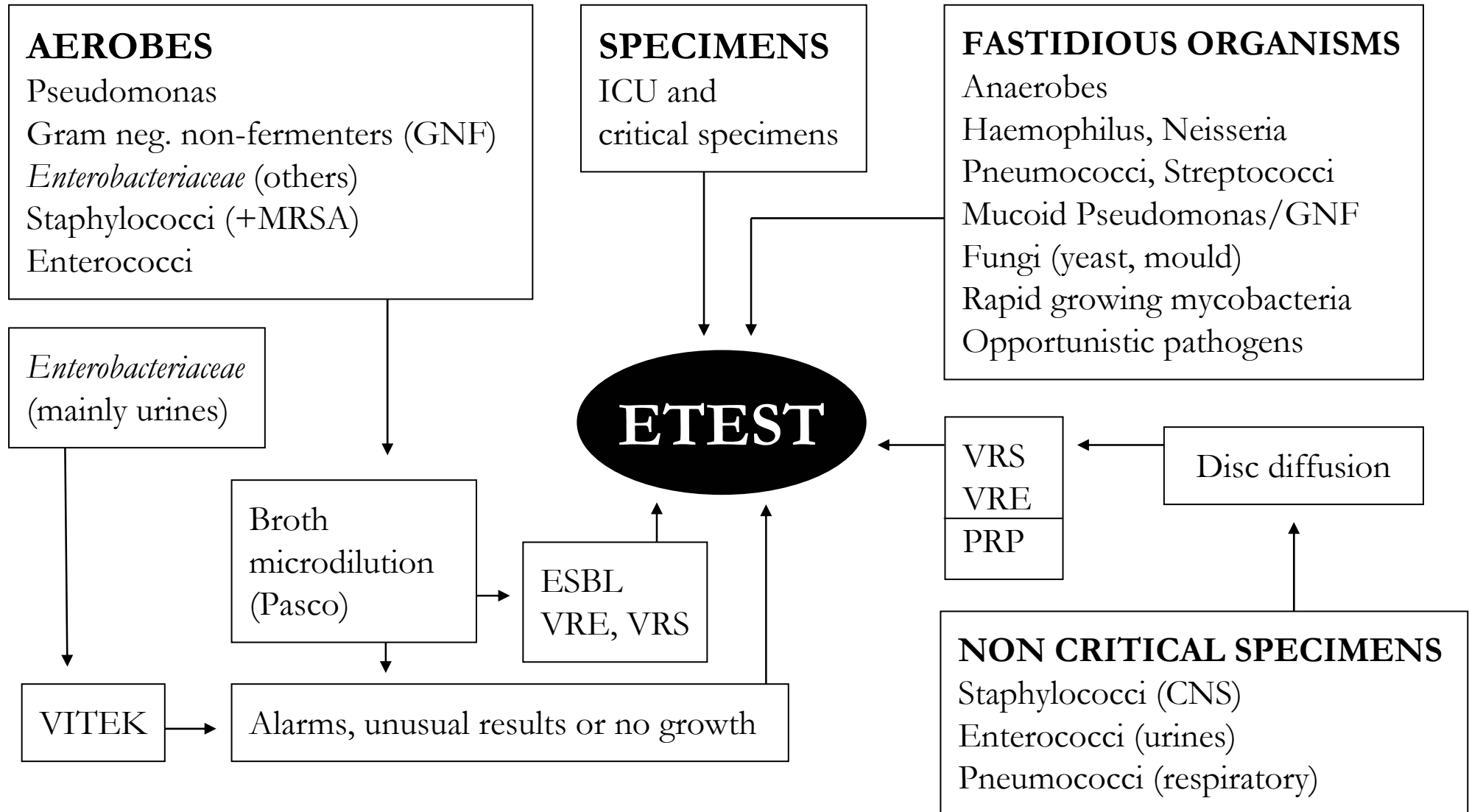


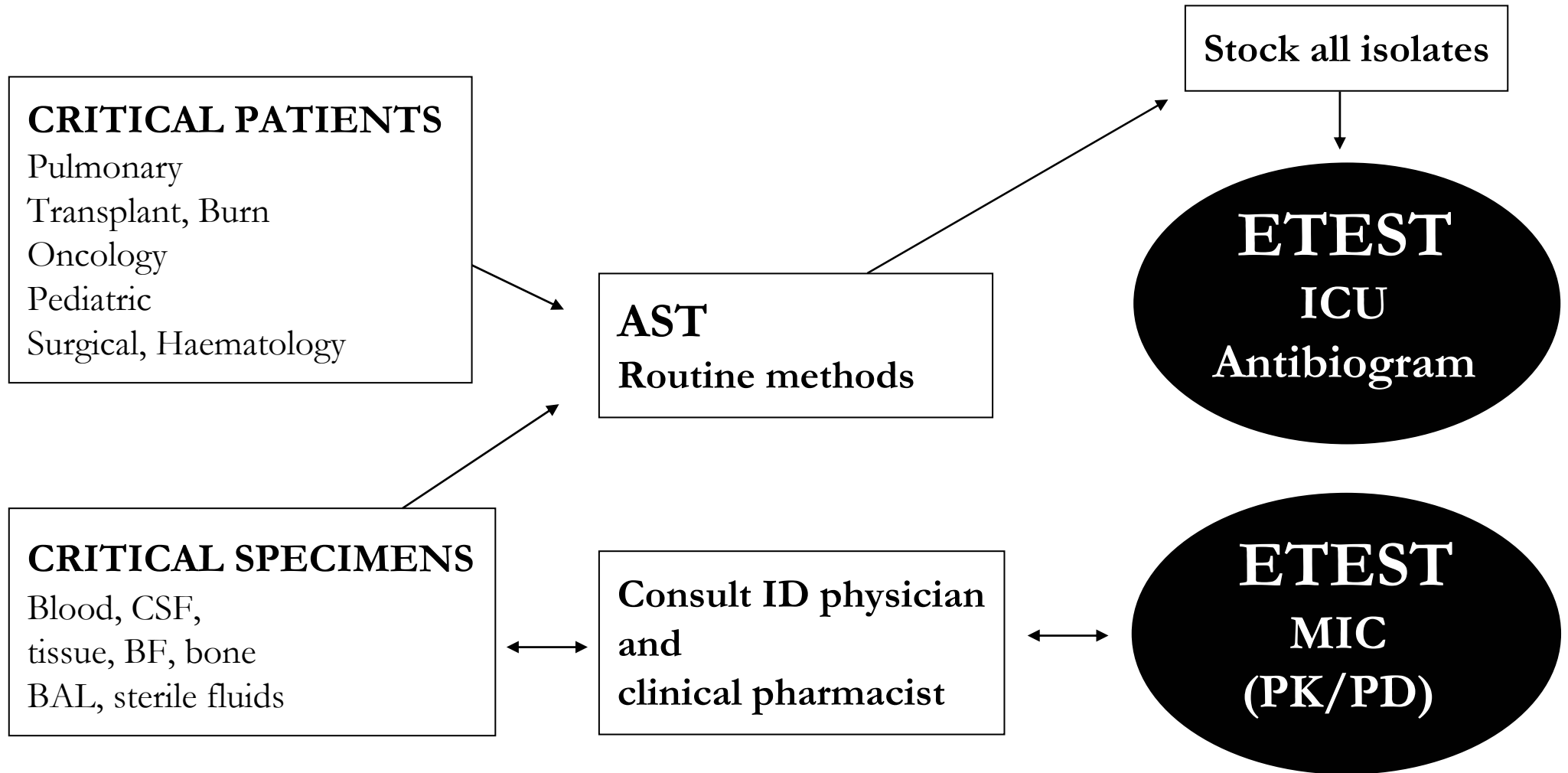
Resistance Testing Challenges Facing the Clinical Laboratory Today: The Memorial Hermann Hospital Solution

Audrey Wanger, Ph.D., Assoc. Prof.
University of Texas Medical School
Memorial Hermann Hospital
Houston, Texas

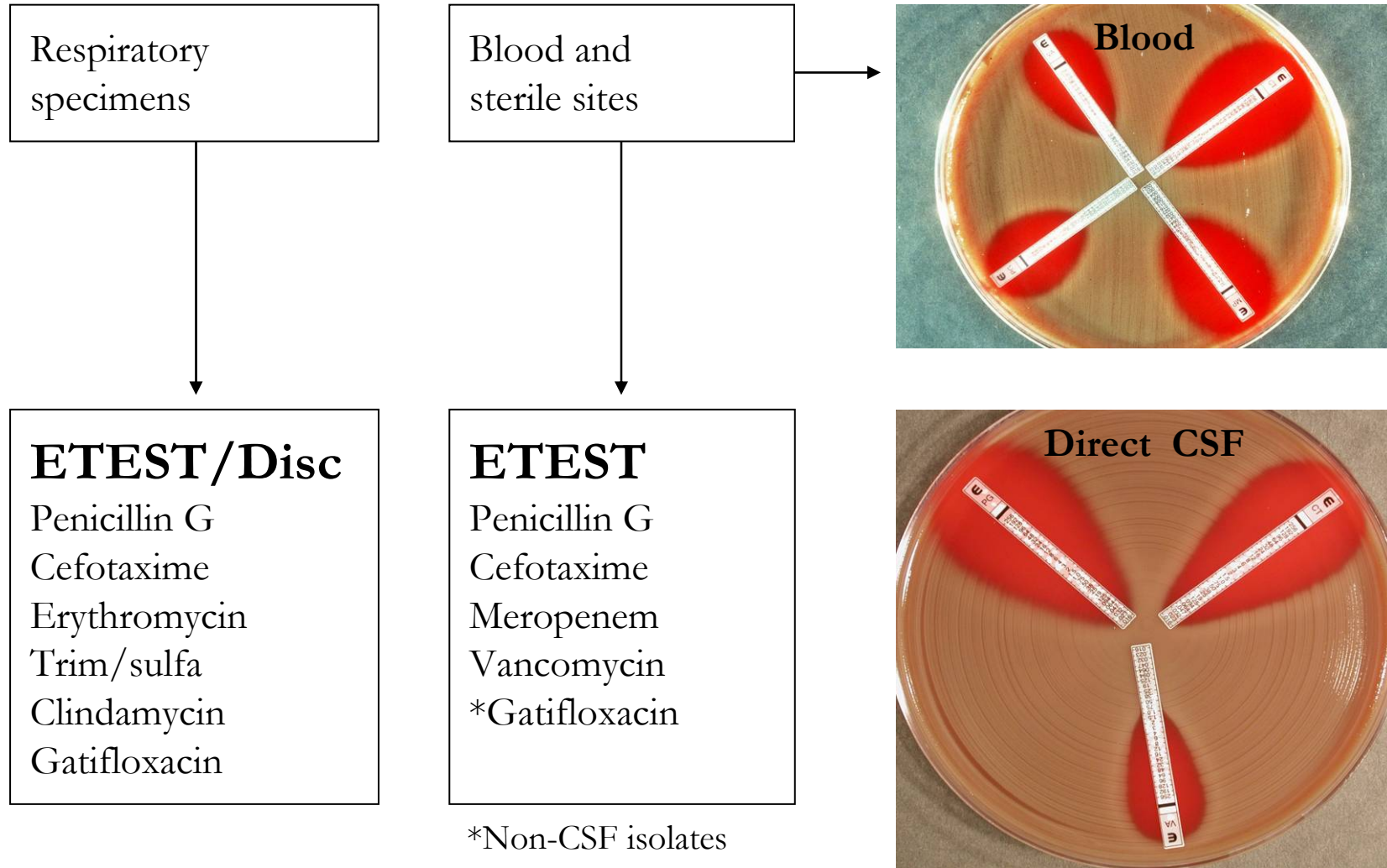
Susceptibility Testing Algorithm



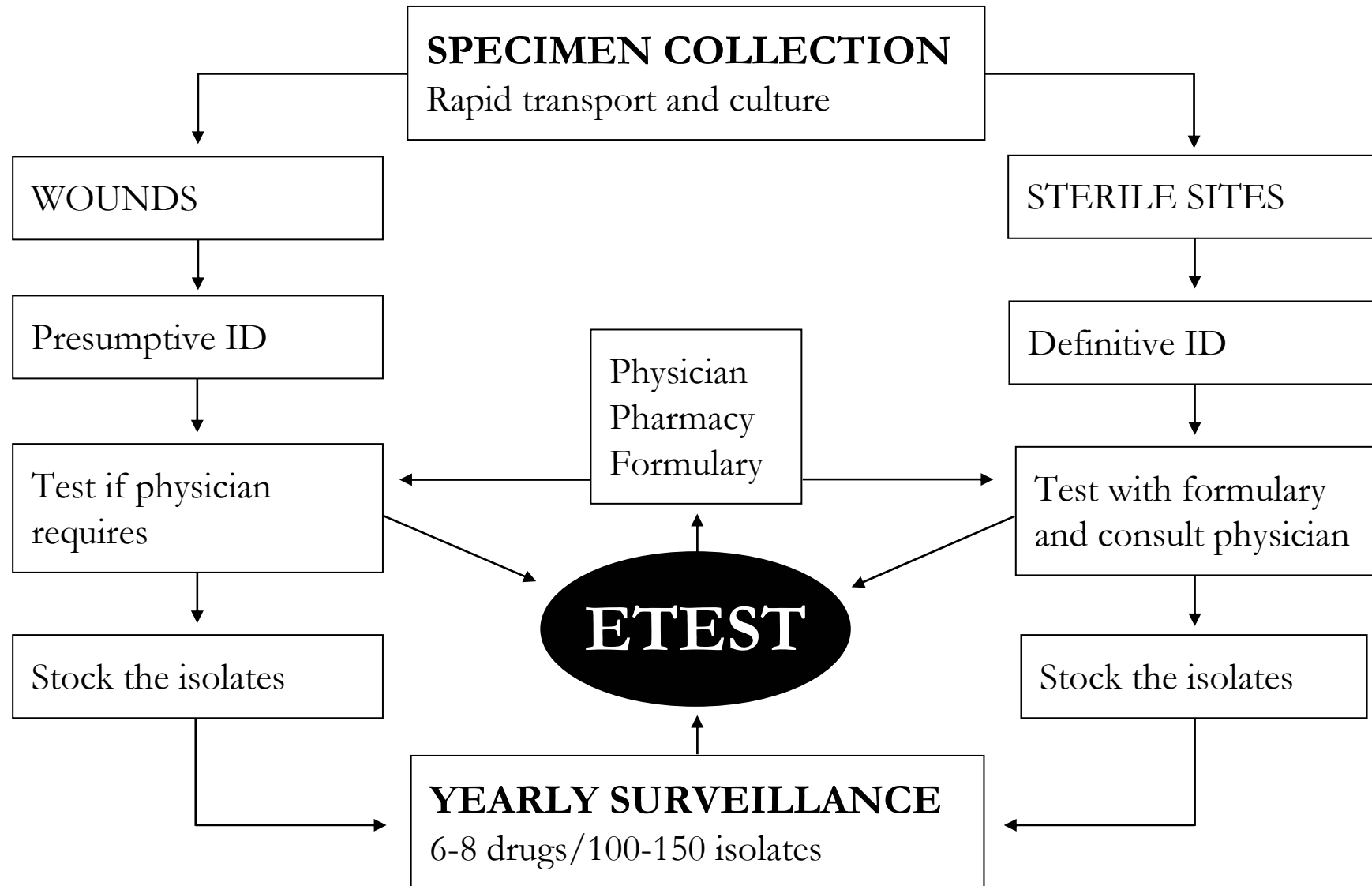
CCU Patient Algorithm



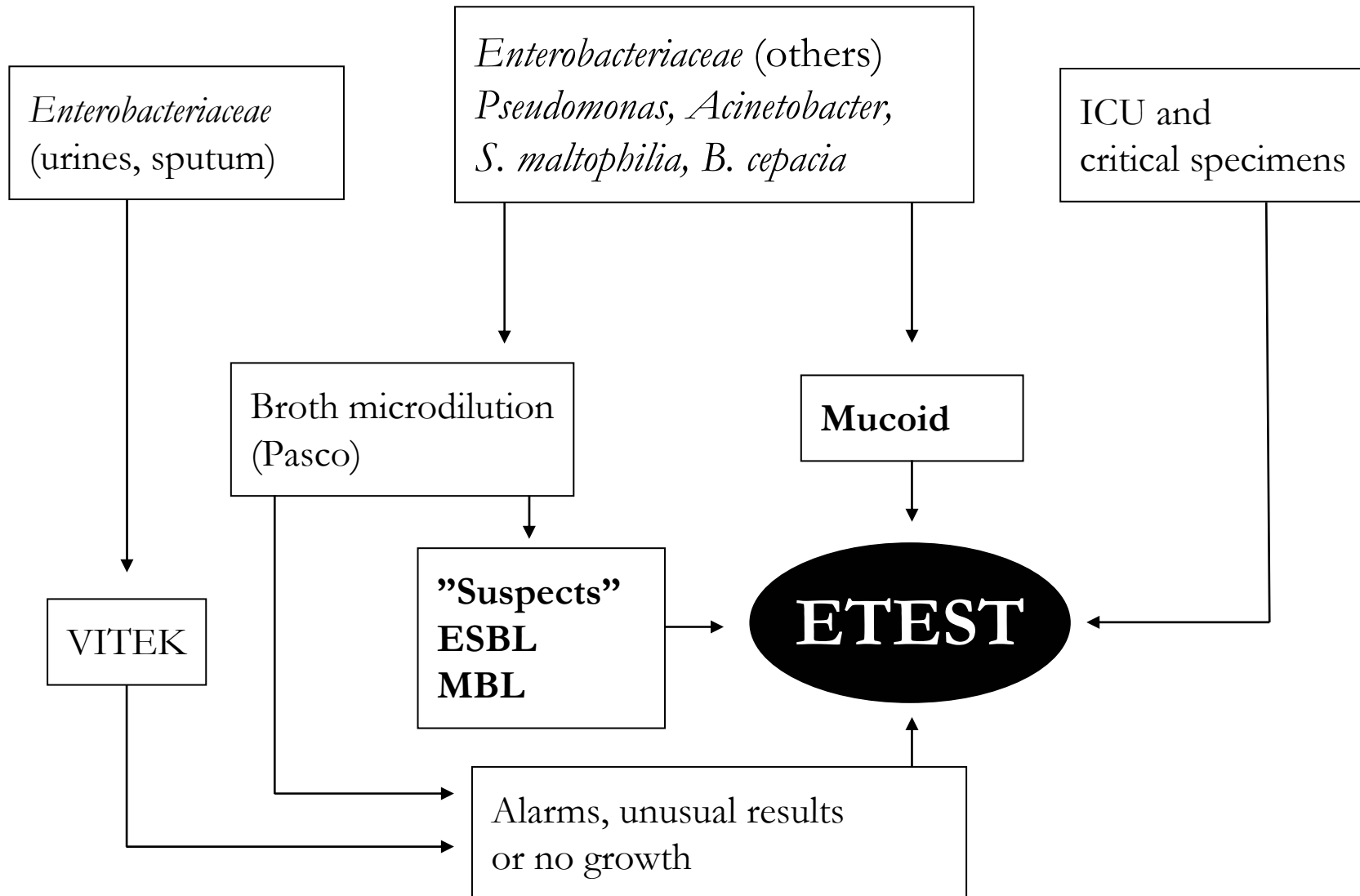
Pneumococci & Streptococci Algorithm



Anaerobe Algorithm



Gram Negative Algorithm



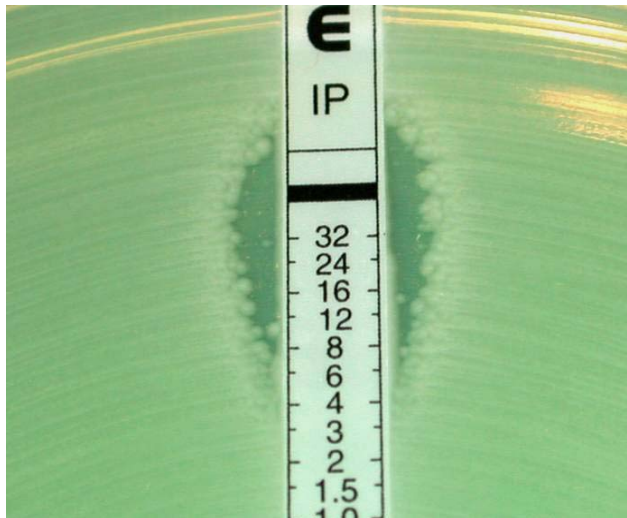
Gram Negative Non-Fermenter MIC Antibiogram

P. aeruginosa (mucoid), *B. cepacia*, *Acinetobacter* spp,

S. maltophilia

E TEST

Ceftazidime
Cefepime
Gatifloxacin
Tobramycin
Pip/tazo
Imipenem
Minocycline

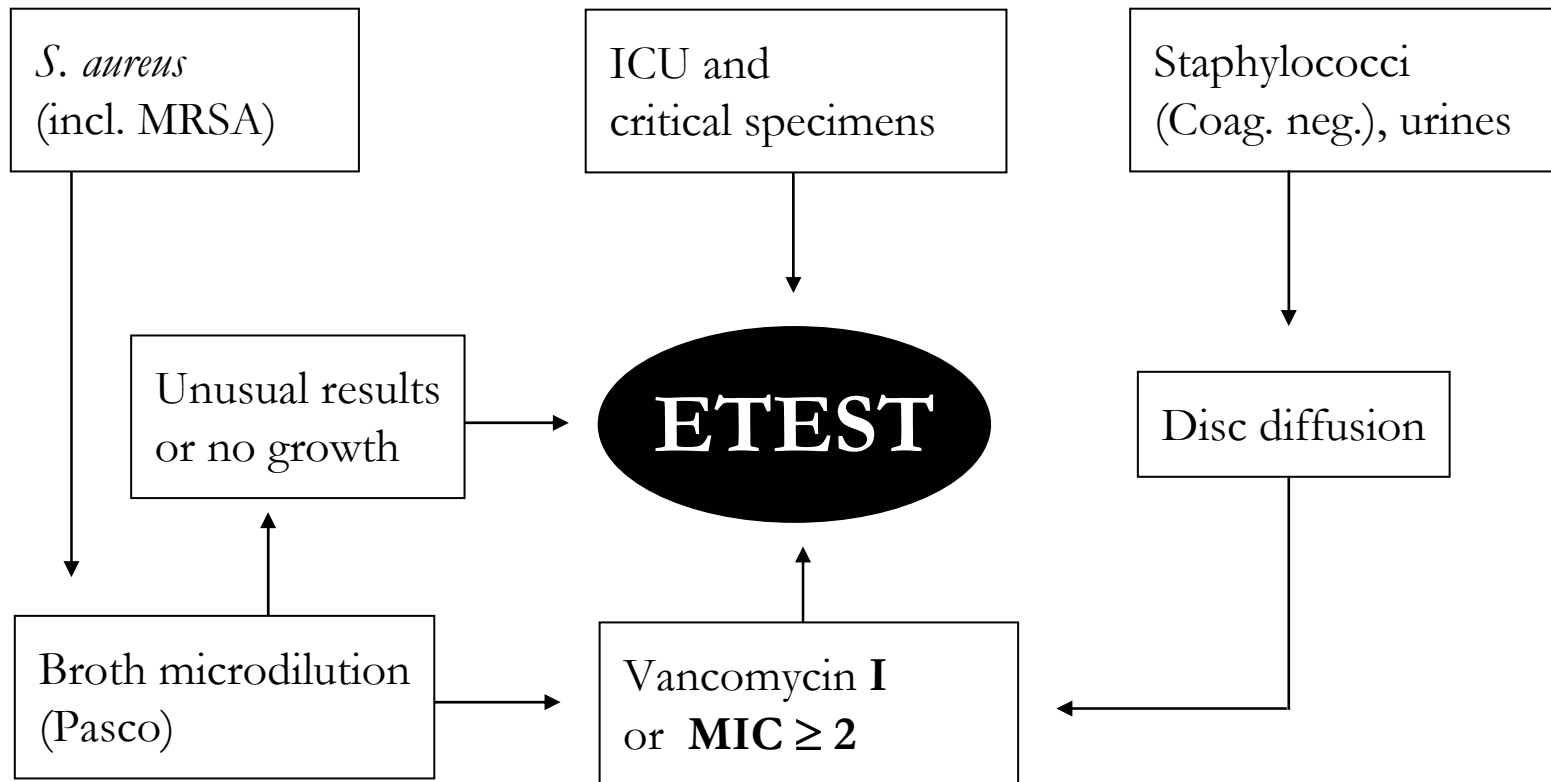


E TEST

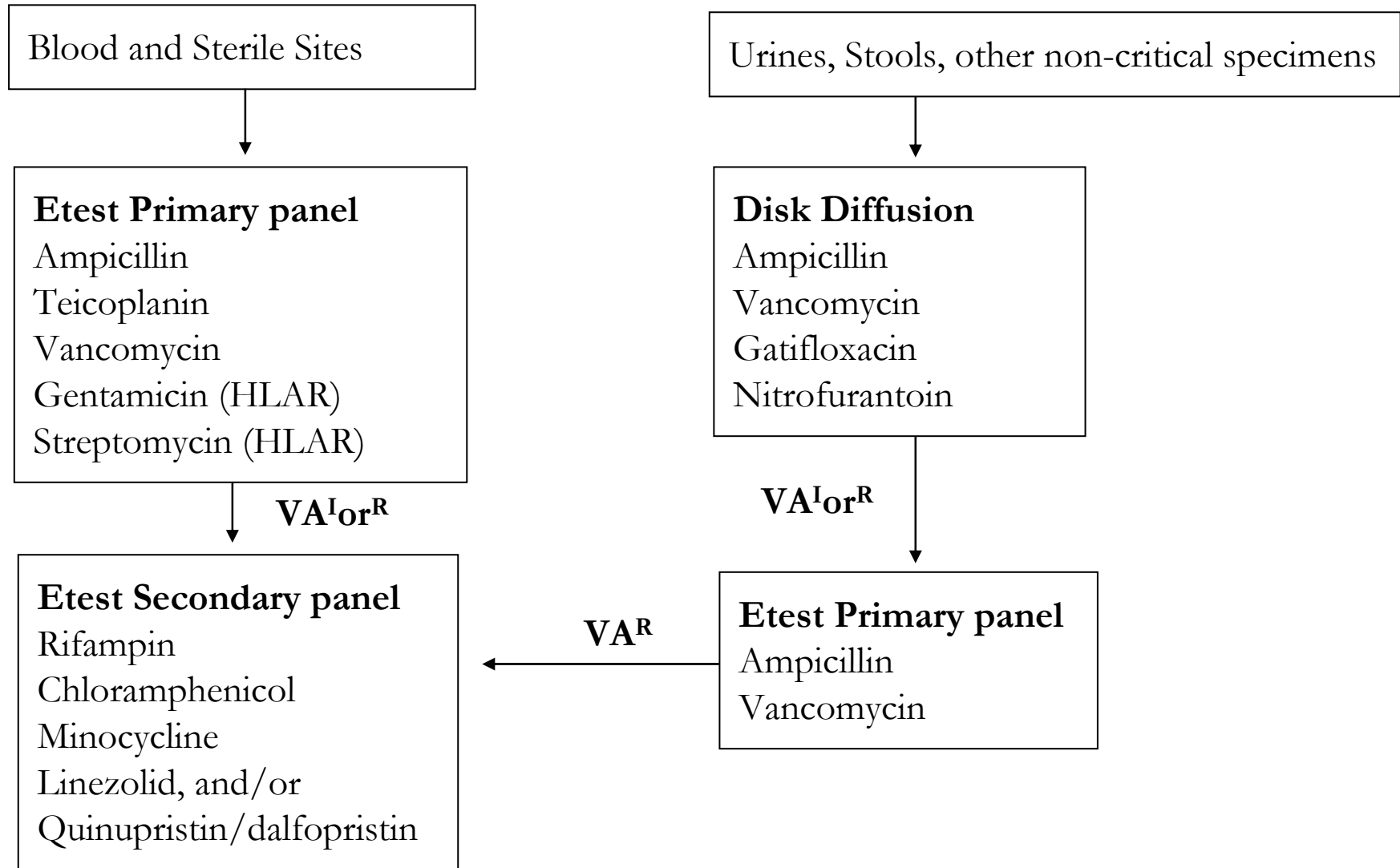
Cefepime
Gatifloxacin
Ceftazidime
Trim/sulfa



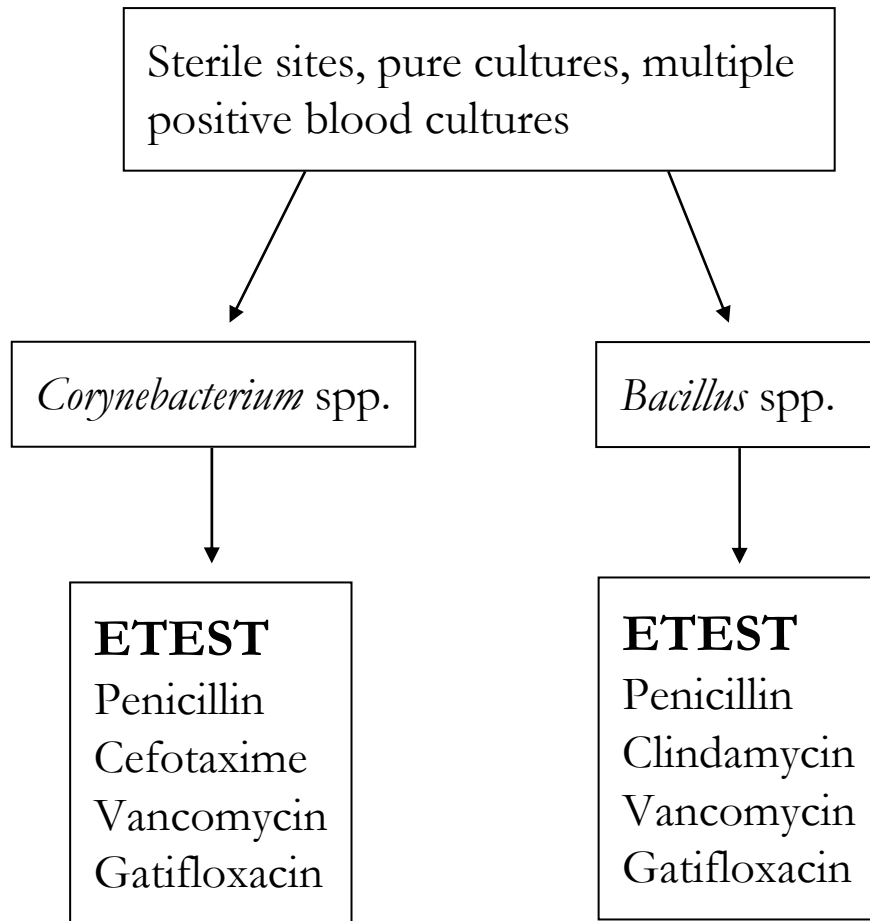
Staphylococci Algorithm



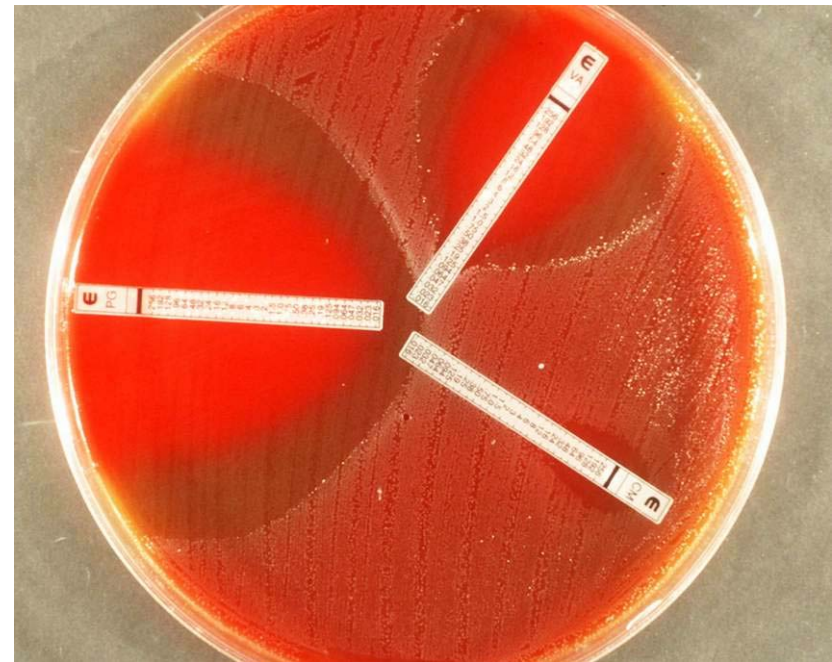
Enterococci Algorithm



Gram Positive Bacilli Algorithm

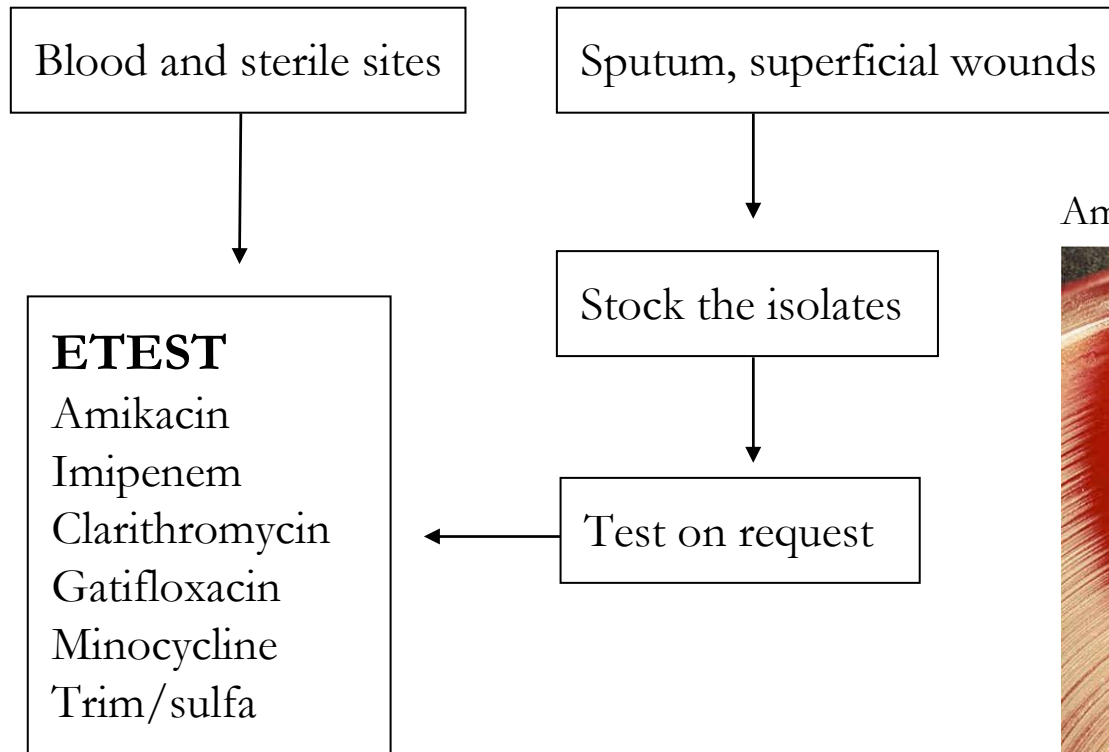


Bacillus spp.

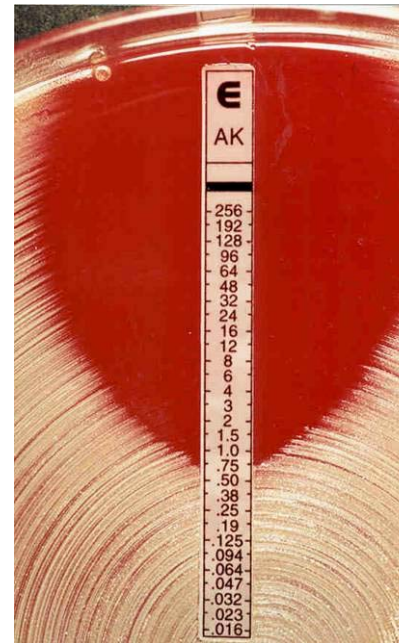


Septic arthritis specimen

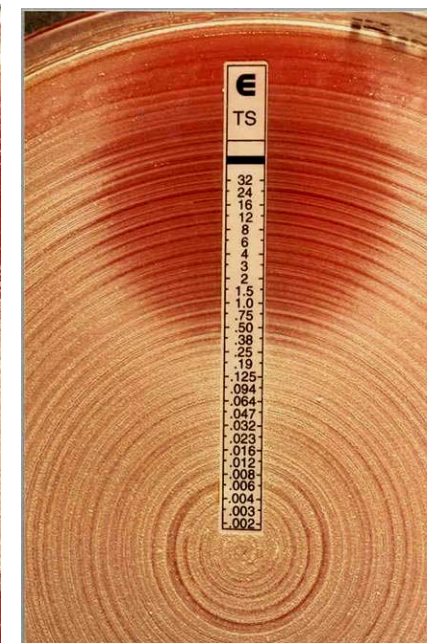
Rapid Growing Mycobacteria Algorithm



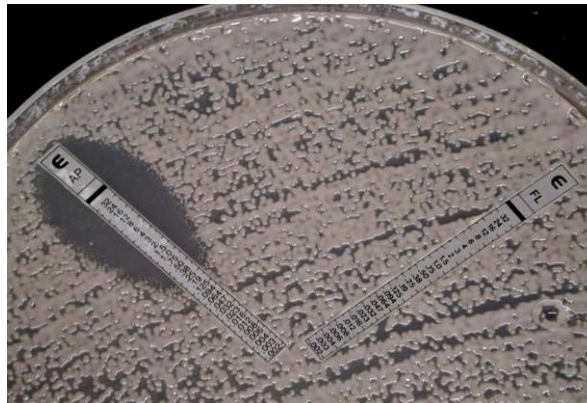
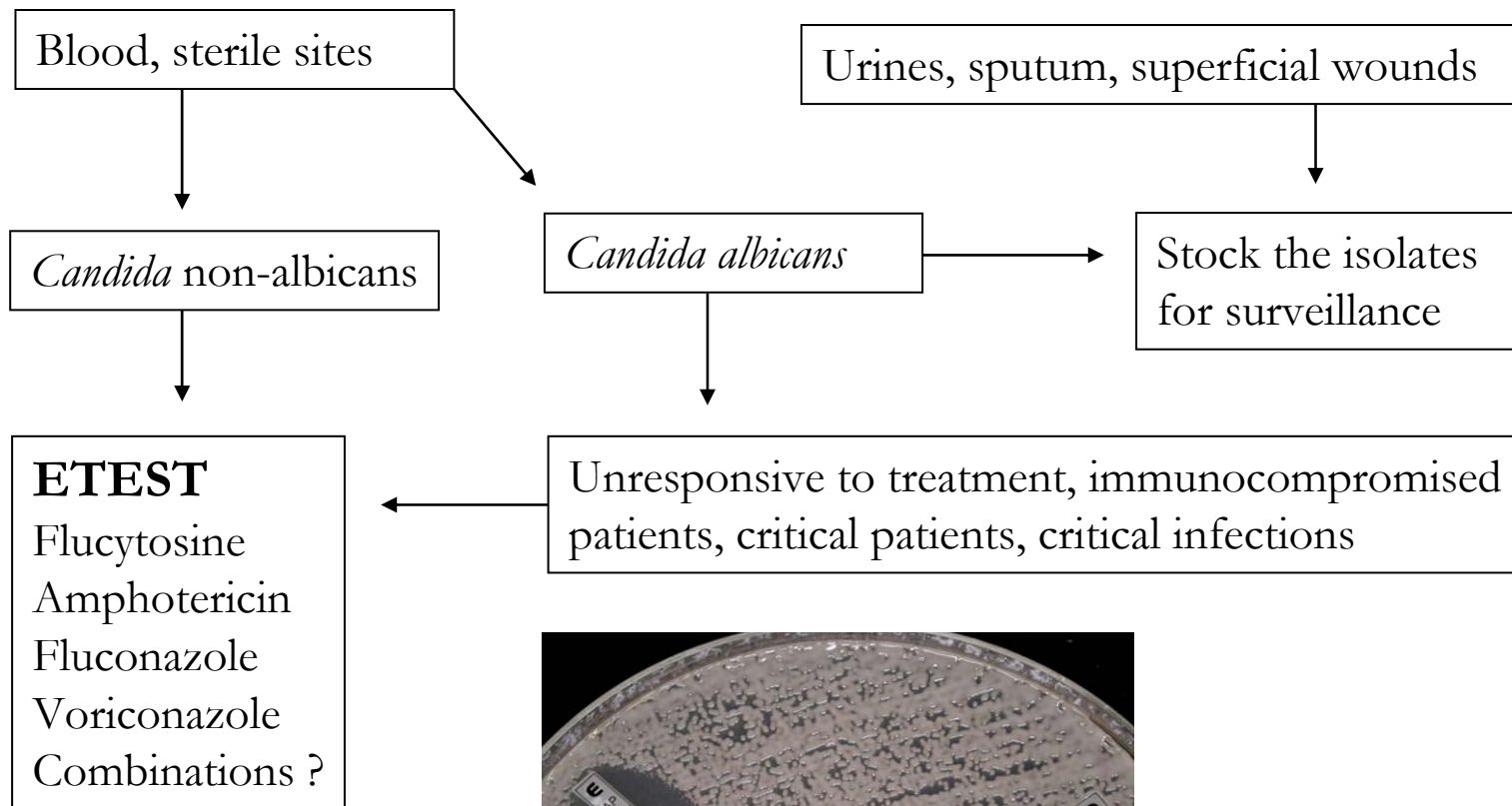
Amikacin MIC 0.75



Trim/sulfa MIC 0.38



Yeast Algorithm



Recurrent
Cryptococcal
meningitis