



Name:
DOB:
Gender:
Facility:
Provider:

Panel: Wound
Sample ID:
Collection Date:
Reported Date:

Allergies/Notes:

DETECTED PATHOGENS

Enterococcus faecalis	Detected - Low	<10⁴ copies/mL	Gram-positive organism(s), commonly responsible for skin and soft tissue infections (SSTIs).
Staphylococcus aureus (MRSA)	Detected - High	>10⁶ copies/mL	

DETECTED RESISTANCE GENES

Erythromycin Resistance Methylase A,C (ErmA, ErmC (Pool))	Detected	Confers resistance to macrolides, lincosamides (clindamycin), and streptogramins. Expressed primarily by gram-positive organisms; very rarely associated with gram-negative organisms.
mecA	Detected	Confers resistance to penicillins, penicillin-BLI combinations, cephalosporins, carbapenems. Expressed only by staphylococcus spp.

PHARMD TREATMENT CONSIDERATIONS

Regimens based on organisms most likely to be pathogenic. Microbial load considered when available.

Medication	Dose/Duration	Renal Adjustment	Considerations
Linezolid (Zyvox)	600 mg PO BID x 7-14 d	None	Coverage for: Enterococcus faecalis, Staphylococcus aureus (MRSA) <ul style="list-style-type: none"> • \$52-70 for 14 day course (coupon pricing) • Increased risk of serotonin syndrome with concomitant use of serotonergic agents
OR			
Doxycycline (Vibramycin)	100 mg PO BID x 7-14 d	None	Coverage for: Enterococcus faecalis*, Staphylococcus aureus (MRSA) <ul style="list-style-type: none"> • \$10-26 for 14 day course (coupon pricing) • Take 2 hrs before or 6 hrs after taking antacids, calcium supplements, magnesium, or iron containing products
OR			
Minocycline (Minocin)	100 mg PO BID x 7-14 d	Do not exceed 200 mg/day in pts with renal impairment	Coverage for: Enterococcus faecalis*, Staphylococcus aureus (MRSA) <ul style="list-style-type: none"> • \$20-29 for 14 day course (coupon pricing) • Take 2 hrs before or 6 hrs after taking antacids, calcium supplements, magnesium, or iron containing products

* Displays variable activity vs pathogen

Reviewed by: Max Dudenkov, PharmD (PS57804)

Date: 10/16/2024



Have a question about a report? Scan the QR code to chat with a pharmacist or call 904-618-3554.

Powered by: **CHOICEPHARMD**

Disclaimer: Treatment considerations and therapeutic guidance is generated by ChoicePharmD, LLC and is not affiliated with the testing laboratory.

Wound Panel Collection: Wound swab, dry tissue specimen

Signs/Symptoms	Diagnoses	Common ICD-10 codes
Warmth Redness Swelling Edema Purulence Ulceration	Skin and soft tissue infection Abscess Carbuncle Furuncle Impetigo Diabetic foot ulcer Surgical site infection Bites (animal, human) Ecthyma	Necrotizing fasciitis Fournier gangrene Gas gangrene Tinea infections Water exposure illness
		E13.621 L89.893 Z86.31 L01.01 N76.4 L90.5 L02.11 S01.80XD L02.612 L02.212 S91.109D L03.032 L03.119 T14.8XXA L03.90 L08.9 B37.2 L03.115 L30.9 L02.91 L03.116 L81.4 L97.512 L85.3 L98.9

Tested Pathogens:

Core Pathogens

Bacterial:

Acinetobacter baumannii
Bacteroides Fragilis
Citrobacter freundii
Enterobacter aerogenes
Enterobacter cloacae
Enterococcus faecalis

Enterococcus faecium
Escherichia coli
Klebsiella oxytoca
Klebsiella pneumoniae
Morganella morganii
Proteus mirabilis

Proteus vulgaris
Pseudomonas aeruginosa
Serratia marcescens
Staphylococcus aureus
Streptococcus agalactiae (Group B)
Streptococcus pyogenes (Group A)

Additional Pathogens

Bacterial:

Bartonella henselae
Burkholderia cepacia, pseudomallei
Clostridium novyi
Clostridium perfringens
Clostridium septicum
Coagulase-negative staphylococcus (CoNS)
Corynebacterium spp
Cutibacterium (Propionibacterium) acnes
Finnegoldia magna
Fusobacterium Nucleatum,
Necrophorum
Haemophilus influenzae
Mycobacterium Fortuitum, Abscessus,

Chelonae
Mycoplasma hominis
Pasteurella Multicida
Peptoniphilus spp
Peptoniphilus asaccharolyticus
Peptoniphilus harei
Peptostreptococcus anaerobius
Prevotella bivia
Providencia stuartii
Staphylococcus epidermidis
Staphylococcus haemolyticus
Staphylococcus lugdunensis
Stenotrophomonas maltophilia
Streptococcus anginosus
Streptococcus pneumoniae
Vibrio parahaemolyticus

Vibrio vulnificus

Fungal:

Aspergillus spp
Candida Albicans
Candida auris
Candida Glabrata
Candida Krusei
Candida Parapsilosis
Candida Tropicalis
Fusarium solani

Viral:

Herpes simplex virus (HSV1)
Herpes simplex virus (HSV2)
Human herpesvirus 3 (HHV3) VZV

Defined as pathogens most commonly detected and most likely to be clinically significant for panel type. Medical literature (IDSA, Johns Hopkins Abx guide, CDC) along with clinical discretion was utilized to determine core pathogen lists.