

UNDERSTAND YOUR PCR REPORT

Pathogens commonly associated with infections are indicated.

Drug options are listed by their corresponding number in the MedsMatrix. Additional drug information is provided including **common side effects, possible interactions and whether renal or hepatic dosage adjustments are necessary.**

ONECHOICE® PLUS includes the ability to input and edit clinical information which **updates MedsMatrix in real time. Users can interact with the icons** to see which genes and allergies specifically affect the drug, what pregnancy category the drug falls into, live NIH resistance statistics and access reference materials. Detailed drug information includes reference dosing and adjustments.



Laboratory Result Analysis

Powered by **ARKSTONE** Antimicrobial Stewardship

Report ID XXXXXXXXXX Patient XXXXXXXX DOB XXXXXXXX Collected XXXXXXXX
Source Wound Swab Provider Pllc, Sagis Resulted XXXXXXXX Received XXXXXXXX

MEDSMATRIX™	1	2	3	4	5	6	7	8	9	10	11	12
Enterococcus faecalis	✓	✓	✱	✓	✱	✓	✓	✓	✓	✓	✓	
Staphylococcus aureus	✱	✓	✱	✓	✓	✱	✱	✓	✱	✱		✓

✓ Known Activity ✓ Variable Activity ✱ Not for pediatric use ✱ Precluded by drug allergy ✱ Possible resistance detected

1 Amoxicillin Clavulanate Dosing Req ☒ Renal ☐ Hepatic Side Effects Rash Interactions Allopurinol Adverse Reaction ARKSCORE LO 2 HI	2 Linezolid Dosing Req ☐ Renal ☐ Hepatic Side Effects Myelosuppression Interactions SSRI's Adverse Reaction ARKSCORE LO 4 HI	3 Omadacycline Dosing Req ☐ Renal ☐ Hepatic Side Effects Tooth Discoloration/ Nausea Interactions Cations Adverse Reaction ARKSCORE LO 1 HI
4 Delafloxacin Dosing Req ☒ Renal ☐ Hepatic Side Effects Tendinitis Interactions Cations Adverse Reaction ARKSCORE LO 5 HI	5 Vancomycin IV ^{IV} Dosing Req ☒ Renal ☐ Hepatic Side Effects Red Man Syndrome Interactions Nephrotoxic agents Adverse Reaction ARKSCORE LO 4 HI	6 Ampicillin/Sulbactam ^{IV} Dosing Req ☒ Renal ☐ Hepatic Side Effects Eosinophilia Interactions Allopurinol Adverse Reaction ARKSCORE LO 3 HI
7 Piperacillin/Tazobactam ^{IV} Dosing Req ☒ Renal ☐ Hepatic Side Effects Thrombocytopenia Interactions Methotrexate Adverse Reaction ARKSCORE LO 4 HI	8 Daptomycin ^{IV} Dosing Req ☒ Renal ☐ Hepatic Side Effects Myopathy Interactions Statins Adverse Reaction ARKSCORE LO 4 HI	9 Ertapenem ^{IV} Dosing Req ☒ Renal ☐ Hepatic Side Effects DRESS syndrome Interactions Valproic acid Adverse Reaction ARKSCORE LO 3 HI
10 Meropenem ^{IV} Dosing Req ☒ Renal ☐ Hepatic Side Effects Diarrhea Interactions Valproic acid Adverse Reaction ARKSCORE LO 3 HI	11 Amoxicillin Dosing Req ☒ Renal ☐ Hepatic Side Effects Rash Interactions Allopurinol Adverse Reaction ARKSCORE LO 1 HI	12 Trimethoprim-Sulfamethoxazole Dosing Req ☒ Renal ☐ Hepatic Side Effects Hyperkalemia Interactions ACE inhibitors Adverse Reaction ARKSCORE LO 2 HI



Scan or click to visit **ONECHOICE® PLUS** and see 9 additional treatment options online

Easy to understand icons identify antimicrobial activity level as well as **allergy, resistance, pregnancy and pediatric** implications.

MedsMatrix uses proprietary algorithms to **prioritize the most preferred drugs**, and list them in order of effectiveness, from left to right. Mitigating factors such as resistance, pregnancy and allergies are indicated where they affect a particular option. This gives healthcare providers a comprehensive tool to choose the most effective and safest treatment options for their patients.

Adverse Reaction Arkscore demonstrates the safety profile of each drug. The lower the score the safer the drug, and less risk associated with the use of that drug. The higher the score the more potential for adverse events and risks to the patient associated with the antibiotic.



Click or Scan and Experience OneChoice PLUS



* Dosing and duration of treatment based on adult patient, with no medical history, normal BMI, renal and hepatic functions, and minimal time required to treat simple infections. Treatment is directed at common pathogens noted above, and the most commonly associated antibiotic resistance based on genes detected. Resistance is variable and drug failure is possible. Additional microbiology workup and treatment modification may be needed.
† For education purposes only. This is not a diagnosis. Clinical correlation and physician judgement required when making diagnosis or treatment decisions. Recommendations based on lab results, and limited to specimen source, organisms, resistance, allergies, and ICD10 codes. Patient has not been examined nor their medical history reviewed.
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