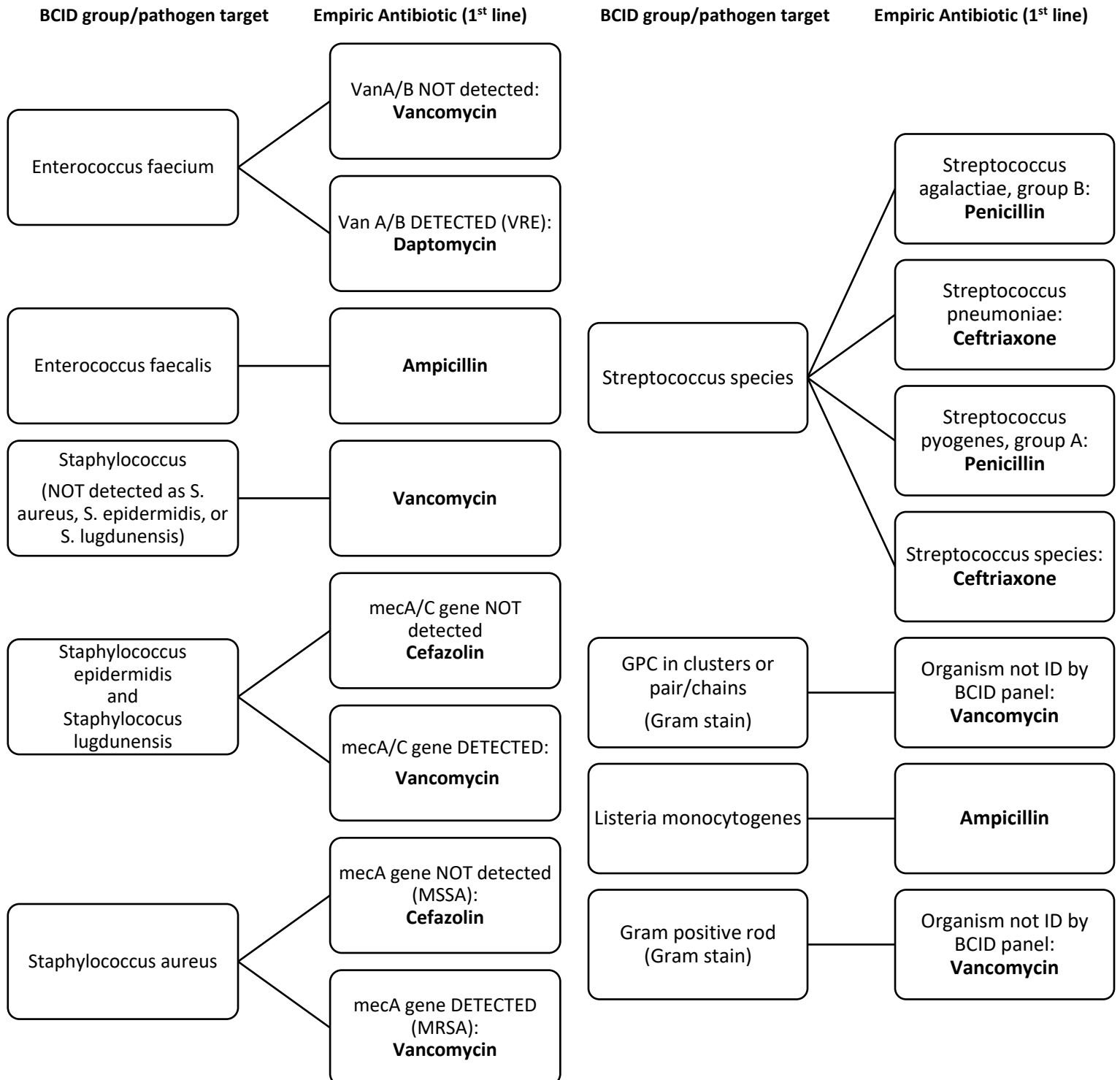


BioFire Blood Culture Identification (BCID) Empiric Treatment Pathway for Adults

Empiric antibiotic recommendations, along with BCID results, are intended to provide a general guidance for therapy based upon the DUH antibiogram and to minimize unintended consequences to the patient. Questions? Page 970-GERM or the Antimicrobial Stewardship Evaluation Team (ASET) Pharmacist at 970-6666.

Updated with new BCID2 targets and reporting. NOTE – For Staphylococcus, Streptococcus, and Enteric Gram Negative bacteria, both the group and the specific pathogen will be reported if applicable.

GRAM POSITIVE ORGANISMS



GRAM NEGATIVE ORGANISMS

BCID group/pathogen target	Empiric Antibiotic (1 st line)	BCID group/pathogen target	Empiric Antibiotic (1 st line)
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Acinetobacter baumannii*,#	Ampicillin-sulbactam	Salmonella*,#	Ceftriaxone
Enterobacter cloacae complex*,#	Cefepime	Bacteroides fragilis	Piperacillin/Tazobactam
Escherichia coli*,#	Ceftriaxone	Haemophilus influenzae	Ceftriaxone
Klebsiella oxytoca*,#	Cefepime	Neisseria meningitidis	Ceftriaxone
Klebsiella pneumoniae*,#	Ceftriaxone	Pseudomonas aeruginosa*,#	Cefepime
Klebsiella (Enterobacter) aerogenes*,#	Cefepime	Stenotrophomonas maltophilia	Consult ID
Proteus spp.*,#	Ceftriaxone	Enteric Gram Negative bacteria (NO species target detected) *,#	Cefepime
Serratia marcescens*,#	Ceftriaxone	Gram negative rods (non-enteric) (NO group OR species target detected) *,#	Piperacillin/Tazobactam Consider ID consult

YEAST

Candida spp.	Micafungin^t and consult ID
Cryptococcus	Amphotericin^t, flucytosine, and consult ID
Yeast; not on BCID panel	Micafungin^t and consult ID

MDRO Gram-Negative

* IF **CTX-M** DETECTED (ESBL) -- use **Meropenem^t**

If carbapenem resistance (CRE) gene (**KPC, NDM-1, OXA-48-like, IMP, VIM**) DETECTED -- **Consult ID**

^t ID-Restricted Drug