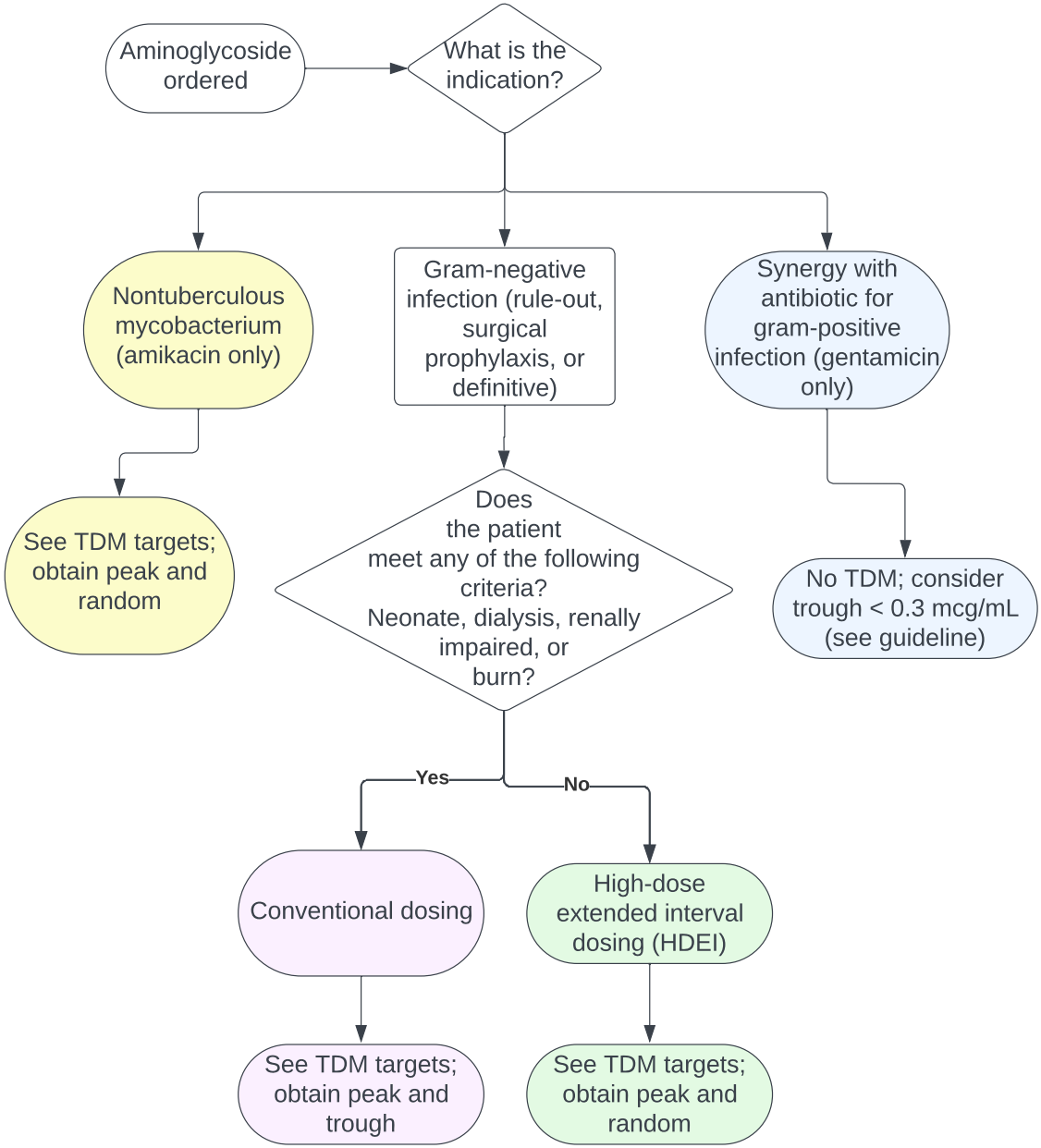
Aminoglycoside ordered
What is the indication?
Nontuberculous mycobacterium (amikacin only)
Gram-negative infection (rule-out, surgical prophylaxis, or definitive)
Synergy with antibiotic for gram-positive infection (gentamicin only)
See TDM targets; obtain peak and random
Does the patient meet any of the following criteria? Neonate, dialysis, renally impaired, or burn?
No TDM; consider trough < 0.3 mcg/mL (see guideline)
Yes
No
Conventional dosing
High-dose extended interval dosing (HDEI)
See TDM targets; obtain peak and trough
See TDM targets; obtain peak and random