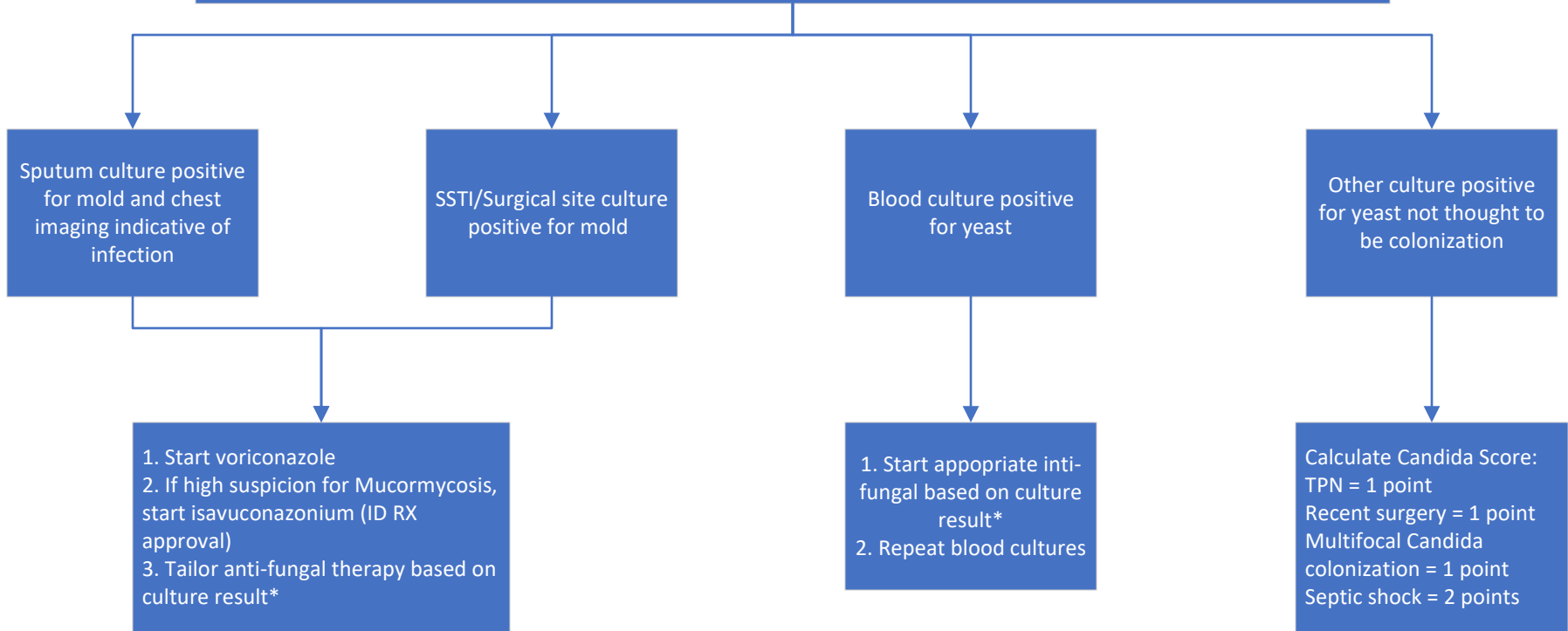


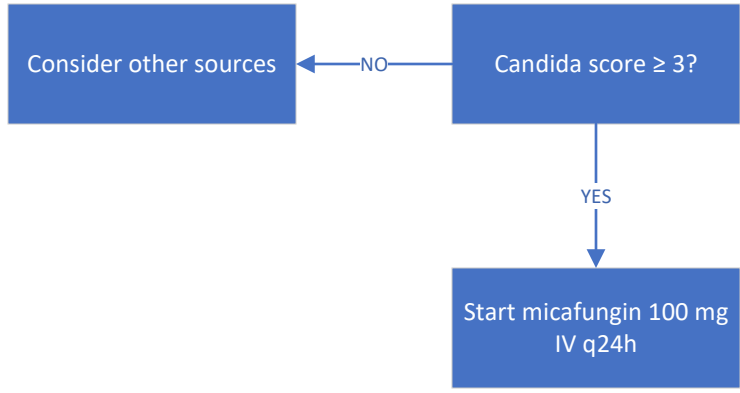
Known or suspected fungal infection



Antifungal Drugs & Dosing

1. Micafungin 100 mg IV q24h
2. **Fluconazole 800 mg IV x1, then 400 mg IV q24h (may transition to po)
3. Voriconazole 6mg/kg IV q12h x2 doses, then 4 mg/kg daily (may transition to po)
4. Isavuconazonium 372 mg IV q8h x6 doses, then 372 mg daily (may transition to po)
5. Amphotericin B Lipid Complex 5mg/kg IV daily over 2 hours
 - Premedicate with diphenhydramine 25 mg and acetaminophen 1000 mg to prevent infusion-related reactions
 - highly nephrotoxic – consider 500 ml fluid bolus before and after administration
 - infusion can be extended over 12-24 hours if needed based on tolerability

**requires renal dose adjustment



*Common susceptibility patterns for fungal species. Tailor anti-fungal therapy based on culture result.

Species	Fluconazole	Micafungin	Amphotericin B	Voriconazole	Isavuconazonium
<i>C. albicans</i>	S	S	S	S	-
<i>C. tropicalis</i>	S	S	S	S	-
<i>C. parapsilosis</i>	S	I to R	S	S	-
<i>C. krusei</i>	R	S	S to I	S	-
<i>C. glabrata</i>	S (dose-dependent) to R	S	S to I	S (dose-dependent) to R	-
<i>C. lusitaniae</i>	S	S	S to R		-
<i>Aspergillus sp</i>	R	R	S	S	S
<i>Mucor sp</i>	R	R	S	R	S
<i>Rhizopus sp</i>	R	R	S	R	S