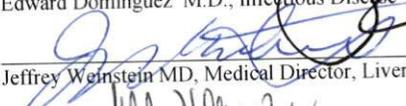
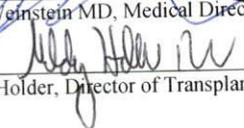


 <b>The Transplant Institute</b> METHODIST DALLAS <b>Methodist Dallas Medical Center</b>	<b>Title:</b> Fungal Prophylaxis Protocol	<b>Effective Date:</b> 02/19/2003
	<b>Section:</b> Liver	
<b>Approved by:</b>  Lori Kautzman, M.D., Surgical Director, Liver Transplant  Edward Dominguez M.D., Infectious Disease Transplant Services  Jeffrey Weinstein MD, Medical Director, Liver Transplant  Melody Holder, Director of Transplant Clinical Operations	<b>Revision Date(s):</b> 10/22/2015; 7/23/2019; 03/22/2022; 04/01/2025	<b>Next review Date:</b> 04/2028

**Purpose:** To ensure uniform post liver transplant fungal prophylaxis

**Policy:**

1) For patients with the following **high-risk factors** for invasive fungal infection, antifungal prophylaxis should be **considered:**

- *Re-transplantation*
- *Renal Failure requiring renal replacement therapy*
- Fulminant hepatic failure as indication for transplant
- Intra-abdominal re-exploration within the 30 days of transplant
- Pre Transplant broad-spectrum antibiotics within 30 days of transplant
- Transfusion of > 20 units of PRBCs perioperatively
- Hospital or ICU stay (any duration) within seven days prior to transplant
- Transplant Operative duration > 10-hours
- Reoperation within 30 days of transplant
- *Candida* colonization in the perioperative period
- MELD  $\geq$  35

Options for antifungal prophylaxis include:

- Fluconazole 200 mg PO or IV daily
- Micafungin 100 mg IV daily
- Abelcet 5 mg/kg IV daily (only with consultation with Transplant Infectious Disease)
- Voriconazole 200 mg PO or IV BID (*If there is risk for mold. Risk factors are italicized*)

**The duration of antifungal prophylaxis should be 30 days but may be extended in certain cases in consultation with Transplant Infectious Disease**

2) Patients with low-risk of fungal infection may be observed without antifungal prophylaxis. In this setting, one of the following may be used to prevent oral candidiasis for 30 days:

- Mycelex 1 troche PO ac and hs
- Nystatin 5 ml PO swish and swallow ac and hs

Note: See Immunosuppression Protocol for guidance on immunosuppression monitoring after discontinuation of antifungal medications. Reduce Prograf dose by 50% if therapeutic with initiating Voriconazole as well as other antifungals such as Fluconazole and Itraconazole.