

**SUNY DOWNSTATE MEDICAL CENTER
DEPARTMENT OF PHARMACY**

Therapeutic Interchange Protocol for Proton Pump Inhibitors

TABLE 1. Oral PPI Therapeutic Dosage Conversion

Formulary Agent	Non-Formulary Agents			
Lansoprazole (Prevacid®) Dose to be substituted	Pantoprazole (Protonix®) Dose prescribed	Esomeprazole (Nexium®) Dose prescribed	Omeprazole (Prilosec®) Dose prescribed	Rabeprazole (Aciphex®) Dose prescribed
15 mg			10 mg	
30 mg	40 mg	20 mg	20 mg	20 mg
45 mg			30 mg	
60 mg	80 mg	40 mg	40 mg	40 mg
75 mg			50 mg	
90 mg	120 mg	60 mg	60 mg	60 mg

TABLE 2. Intravenous PPI Therapeutic Conversion

Formulary Agent	Non-Formulary Agent
Lansoprazole (Prevacid) Dose to be substituted	Pantoprazole (Protonix) Dose prescribed
30 mg	40 mg
<u>GI Bleed</u> *: 60 mg IV bolus, then continuous infusion at 6 mg/hr**	<u>GI Bleed</u> *: 80 mg IV bolus, then continuous infusion at 8 mg/hr

*Continuous infusion of PPI for active GI bleeding is not a FDA indication.

**Mixed 60 mg of lansoprazole IV in 100 mL of normal saline or D5W and infuse over 1 hour for the initial bolus. A second admixture of 60 mg of lansoprazole IV in 100 mL should be prepared and infused at 6 mg/hr (10 mL/hr).