IV Proton Pump Inhibitor (PPI) Shortage Memo- Adults
Updated November 2015

What? Due to a change in the national shortage for IV pantoprazole, the shortage has become critical again for Methodist. Therefore, the previous CPOE alert asking prescribers to use alternative therapy will be re-implemented.

1. As an alternative to IV pantoprazole push q day orders, prescribers should consider PO pantoprazole therapy or IV famotidine therapy.
2. As an alternative to IV pantoprazole infusion, prescribers should consider IV famotidine bolus plus drip.
   a. The recommended dosing is as follows: Famotidine 20 mg IV Push bolus now followed by famotidine continuous infusion 40 mg/24 hours (1.7 mg/hr).
   b. Pharmacy preparation of the drip: Famotidine 40 mg in NS 250 mL piggyback (0.16 mg/mL). Store under refrigeration with an expiration date 9 days from time the product was compounded. A PharmNet IV set has been created for the drip.

When: Effective November 2, 2015

Why: The sole supplier of IV Protonix (current formulary PPI) has this medication on shortage due to increased demand. The duration of the shortage is expected to last at least through January of 2016. In addition, though not on formulary, IV Nexium is also not readily available in the supply chain. Therefore, the above action plan will be implemented.

References:

2. Trissel’s Handbook on Injectable Drugs.