



Rx Update

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PANTOPRAZOLE INJECTION

Pantoprazole injection (Protonix I.V.[®]) is a proton pump inhibitor. It replaces lansoprazole injection, which has been discontinued by the manufacturer, as the injectable proton pump inhibitor available on UIHC Formulary.

Pantoprazole injection is a protocol drug at UIHC; it is restricted for use in patients who are taking nothing orally, nasogastrically, or enterally, including medications. The UIHC approved criteria for use include patients with erosive esophagitis, clinical signs of upper gastrointestinal bleeding prior to planned endoscopy, confirmed active or recent upper gastrointestinal bleed at high risk for rebleeding, or Zollinger-Ellison syndrome who are taking nothing orally.

The most common adverse effects of IV pantoprazole include injection site reactions (e.g., thrombophlebitis and abscess), headache, diarrhea, nausea, and dyspepsia.

The usual dose of pantoprazole injection for patients who are unable to take medications orally is 40 mg daily; **patients should be switched to oral/nasogastric proton pump inhibitor therapy as soon as it is clinically feasible.** The recommended dose for hypersecretory conditions (Zollinger-Ellison syndrome) is 80 mg every 8 to 12 hours. No dosage adjustment is necessary for patients with renal impairment, hepatic impairment, or undergoing hemodialysis.

Pantoprazole should be administered through either a dedicated line or through a y-site. When administered through a y-site, the line should be flushed both before and after administration of pantoprazole injection with either dextrose 5% injection, sodium chloride 0.9% injection, or Lactated Ringer's injection. Pantoprazole injection is administered by IV push as a 40 mg/ml solution over at least 2 minutes. It can also be diluted in 100 ml of NS or D5W and infused over 15 minutes.

MICROMEDEX – NEW INTERNET VERSION

Micromedex is a comprehensive, evidence-based, drug information database that is available for UIHC healthcare professionals at www.thomsonhc.com/hcs/librarian. We have recently changed from an intranet version to an internet version of Micromedex, which has a different appearance and different searching and results layout. The new internet version has the same content as before, but it additionally has pictures of capsules/tablets in the identification program (Identidex[®]), and you can directly compare medications by displaying the drug summaries side-by-side on the same screen. A link is provided to this site from the UIHC Formulary and Handbook and the Informm Patient Record (IPR) under Resources and Policies ⇒ UIHC Micromedex. There are a variety of databases available with this resource:

- **DrugDex[®]**
(drug evaluation monographs)
- **Physicians' Desk Reference[®] (PDR)**
(package insert information, including pictures)
- **Martindale[®]**
(foreign drug identification and monographs)
- **Drug-Reax[®]**
(drug interaction database)
- **Poisindex[®]**
(product toxicity information)
For poison management call the Poison Control Center
at 1-800-222-1222
- **Patient Leaflets (CareNotes[®])**
(drug leaflets and Aftercare instructions for patients)
- **Reprorisk[®]**
(pregnancy and breast feeding risk information)
- **MSDS[®]**
(material safety data sheets)
- **Identidex[®]**
(tablet and capsule identification by imprint code)
- **AltMedDex[®]**
(dietary supplements, herbals, alternative medicine)

If you need assistance using Micromedex, please call the Drug Information Center at 6-2600.