

Use of Proton Pump Inhibitors in PEG tubes

MS Medicaid Preferred Drug List Effective 07-01-2015

Medication	PEG Use	Instruction for use	Age
PREFERRED			
ACIPHEX	No	N/A	N/A
NEXIUM capsules [‡]	Yes	NG: Open capsule and place intact granules into a 60 mL catheter-tip syringe; mix with 50 mL of water. Replace plunger and shake vigorously for 15 seconds. Ensure no granules remain in syringe tip. Do not administer if pellets dissolve or disintegrate. Use immediately after preparation. After administration, flush NG tube with additional water.	≥1 month
NEXIUM granules for suspension [‡]	Yes	NG/G: If using a 2.5 mg or 5 mg packet, first add 5 mL of water to a catheter-tipped syringe, then add granules from packet. If using a 10 mg, 20 mg, or 40 mg packet, first add 15 mL of water to a catheter-tipped syringe, then add granules from packet. Shake the syringe, leave 2-3 minutes to thicken. Shake the syringe and administer through NG or G tube (size ≥ 6 French) within 30 minutes. Refill the syringe with equal amount (5 mL or 15 mL) of water, shake and flush nasogastric/gastric tube.	≥1 month
PROTONIX granules for suspension [‡]	Yes	NG: Remove plunger from 60-mL catheter-tipped syringe; attach syringe to tube. Empty packet contents into syringe. Add 10 mL of apple juice. Gently shake syringe to empty contents into tube. Flush syringe and tubing with 10 mL of apple juice. Repeat flush at least 2 additional times or until no granules remain in syringe. Administer in a French size ≥16. Hold tubing upright during administration to prevent bending of tube.	≥5 years
Omeprazole RX capsules [†]	Yes	NG/OG: Open capsule and gently mix granules in acidic fruit juice. *Pour the mixture down the tube, flush tube with additional juice. Clamp tube for at least 1 hour.	≥1 year
NON-PREFERRED			
DEXILANT	No	N/A	N/A
Lansoprazole RX Capsules [‡] PREVACID RX [‡]	Yes	NG: Open capsule, mix intact granules into 40 mL of apple juice (no other liquids). Inject through the NG tube into the stomach. Flush with additional apple juice to clear the tube.	≥1 year
Lansoprazole ODT [‡] PREVACID SOLU-TAB [‡]	Yes	NG (≥ 8 French): Place a 15 mg tablet in a syringe and draw up 4 mL of water, or place a 30 mg tablet in a syringe and draw up 10 mL of water. Shake gently to allow for a quick dispersal. After the tablet is dispersed, inject through the NG tube into the stomach within 15 minutes. Refill the syringe with approximately 5 mL of water, shake gently, and flush the NG tube.	≥1 year
PREVACID delayed-release oral susp.	No	N/A	N/A

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Pantoprazole tablet	No	N/A	N/A
PRILOSEC granules for oral solution [‡]	Yes	NG/OG: Add appropriate amount of water to a catheter-tipped syringe; add contents of packet (2.5 mg = 5 mL; 10 mg = 15 mL). Immediately shake syringe; allow 2–3 minutes for suspension to thicken. Shake syringe again; administer contents. Administer within 30 minutes of reconstitution. Use an NG tube or gastric tube that is a size 6 French or larger; flush the syringe and tube with water.	≥1 year
PRILOSEC RX capsules [†]	Yes	NG/OG: Open capsule and gently mix granules in acidic fruit juice.*Pour the mixture down the tube, flush tube with additional juice. Clamp tube for at least 1 hour.	≥1 year
Omeprazole sod. bicarb. ZEGERID RX Capsules	No	N/A	N/A
ZEGERID powder for oral suspension [‡]	Yes	NG/OG: Mix well with 20 mL of water (do not use other liquids) and administer immediately. Flush tube with an additional 20 mL of water. Suspend enteral feeding for 3 hours before and 1 hour after administering	≥18 years

NG – nasogastric tube; OG – orogastric tube; G – gastric tube

*acidic fruit juice: apple, orange, cranberry, grape, pineapple, prune, tomato, and V8

[†]Medically accepted indication

[‡]FDA labeled indication

Compiled from package inserts from Dexilant; Prilosec; omeprazole (AvPAK, Lake Erie, Kaiser, McKesson, Watson, Altura, Apotex, Bryant Ranch, Cardinal, Dr. Reddy's, HJ Harkins, Kremers, Legacy, Lifeline, Mylan, NCS Healthcare, PD-RX, Physicians Total care, Preferred, Rebel, Sandoz, STAT Rx, Unit Dose, Dexcel, Ranbaxy); Aciphex; Prevacid; lansoprazole (Preferred, Sandoz, American Health, Mylan, UDL, Bryant Ranch, Dr. Reddy's, Physicians Total Care, Rebel, STAT Rx, TEVA, Takeda, Caremark, PD-Rx, Cardinal); Nexium; Zegerid; omeprazole and sodium bicarbonate (Par, Prasco, Santarus); and Protonix; pantoprazole (Macleods, AvKARE, REMEDYREPACK, STAT Rx, Cardinal, Contract Pharmacy, Wyeth, Actavis, American Health, Jubilant Cadista, Kremers, Mylan, NCS Healthcare, Physicians Total Care, Rebel, Sun Pharma, Teva, Torrent, UDL, Wockhardt, PD-Rx, Dr. Reddy's, Major, Lake Erie). **Additional information:** Wensel, TM. Administration of proton pump inhibitors in patients requiring enteral nutrition. P T. 2009 Mar;34(3):143-60. and Beckwith, MC, et al. A guide to drug therapy in patient with enteral feeding tubes: dosage form selection and administration methods. Hospital Pharmacy. 2004; 39(3):225-37.

Products included in this reference do not guarantee coverage by the Division of Medicaid. Please refer to the package insert for official FDA-labeled uses and updates. See the Mississippi Division of Medicaid website for the official [preferred drug list](#).