Helping Taper off a Proton Pump Inhibitor

For those patients who have made positive lifestyle changes and may not need continued chronic acid suppression, it can be difficult to come off PPIs since they often cause rebound hyperacidity even if the underlying condition has resolved. Below is a chart showing symptoms of dyspepsia in ASYMPTOMATIC people given 40 mg of pentoprazole for 6 weeks. Rebound dyspepsia lasted 10-14 days (Ref #1)

Plan:

1. Focus on nutrition. Common foods that should be avoided in those with GERD include: alcohol, caffeine (coffee), chocolate, cow's milk, animal fat and orange juice.

2. Slowly taper off the PPI over 2-4 weeks (the higher the dose, the longer the taper).

3. While the taper is being completed, use the following for bridge therapy to reduce the symptoms of rebound hyperacidity.
   - Encourage regular aerobic exercise.
   - Encourage a relaxation technique such as deep breathing. (This enhances vagal stimulation, encouraging digestion and aids adequate peristalsis. See: Handout on breathing exercises).
   - Acupuncture 1-2 times per week

---

PEARLS FOR CLINICIANS
University of Wisconsin Integrative Medicine
www.fammed.wisc.edu/integrative
Helping Taper off a Proton Pump Inhibitor

- Add one or more of the following:
  - Deglycyrrhizinated Licorice (DGL), 2-4 380 mg tablets before meals or Sucralfate (Carafate) 1 gm before meals.
  - Slippery Elm, 1-2 tbsp of powdered root in water or 400-500 mg capsules or 5 ml of a tincture TID to QID
  - A combination botanical product, iberogast® (Clown’s mustard, German chamomile, angelica root, caraway, milk thistle, lemon balm, celandine, licorice root and peppermint leaf). 1 ml TID

4. If the patient is successful, slowly taper off the above (except for positive nutritional changes, exercise and stress management). If symptoms return, start with one of the above or an H2-Blocker. If symptoms are still difficult to control, consider adding the PPI back.

5. Ideally it would be beneficial to avoid long-term acid suppression if possible since this can be associated with malabsorption of vitamin B12 and iron, increased risk of community acquired pneumonia, hip and spine fracture, and C. diff diarrhea.

References


* Neither the author nor the university has any financial ties or conflict of interest regarding the product recommended in this handout.

Handout created by David Rakel, MD, Assoc. Prof. & Director of the Integrative Medicine Program, Dept. of Family Medicine, University of Wisconsin-Madison. Adapted from a chapter on Gastroesophageal Reflux Disease. In: Rakel DP (Ed.) Integrative Medicine, 3rd Ed. Philadelphia, PA: WB Saunders; In print.

Date created: January 2011