CT Enterography: Why is it the Modality of Choice?

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- CT enterography is a relatively new technique that combines the improved spatial resolution and temporal resolution of MDCT with a large volume of ingested contrast material.
- The neutral oral contrast agent is used to maximize visualization of the bowel wall.
- A variety of neoplastic and inflammatory diseases including Crohn’s disease will show alteration of the normal bowel wall enhancement.
- A variety of neutral oral contrast agents are available. Some may be better in terms of bowel distension.
- Advantages of CT enterography over MR include wide availability, quick scan times, submillimeter near-isotropic voxel size that lend themselves to excellent quality multiplanar reconstructions, cost, and consistent scan quality.
- Disadvantages of CT enterography include radiation dose and utilization of iodinated contrast agents.
- This talk will discuss these issues and show examples of CT enterography.