



13921-Review

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Name of journal: World Journal of Gastrointestinal Endoscopy

ESPS Manuscript NO: 13921

Columns: Review

Endoscopic therapy for weight loss: Gastropasty, duodenal sleeves, intragastric balloons, and aspiration

Nitin Kumar

**Abstract**

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A new paradigm in the treatment of obesity and metabolic disease is developing. The global obesity epidemic continues to expand despite the availability of diet and lifestyle counseling, pharmacologic therapy, and weight loss surgery. Endoscopic procedures have the potential to bridge the gap between medical therapy and surgery. Current primary endoscopic bariatric therapies can be classified as restrictive, bypass, space-occupying, or aspiration therapy. Restrictive procedures include the USGI Primary Obesity Surgery Endolumenal procedure, endoscopic sleeve gastropasty using Apollo OverStitch, TransOral Gastropasty, gastric volume reduction using the ACE stapler, and insertion of the TERIS restrictive device. Intestinal bypass has been reported using the EndoBarrier duodenal-jejunal bypass liner. A number of space-occupying devices have been studied or are in use, including intragastric balloons (Orbera, Reshape Duo, Heliosphere BAG, Obalon), Transpyloric Shuttle, and SatiSphere. The AspireAssist

13

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### Endoscopic treatment of obesity

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gastroplasty (Mason's operation), sleeve gastrectomy alone or with duodenal switch ....  
Finally, the insertion of an intragastric balloon may be predictive for testing ...

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The existing endoscopic therapies are space occupying intragastric balloons, duodenal barrier sleeves, caloric removal via gastric tube, and botulinum ... Surgical therapies for weight loss have been much ... Banded Gastroplasty both increase satiety by decreasing .... an aspiration event the day after balloon placement.

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作者: BK Abu Dayyeh

balloon,"bypass sleeve,"gastroplasty," and "aspiration therapy." Technology ... Current approaches to therapeutic weight loss include lifestyle modification ... troplasty, duodenal switch, and biliopancreatic diversion. Despite its .... solution filled, dual intragastric balloon system with 2 bal- .... Endoscopic Sleeve Gastroplasty.

### Endoscopic treatment of obesity

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New endoscopic methods for weight loss may be valuable in the treatment of .... gastroplasty (Mason's operation), sleeve gastrectomy alone or with duodenal switch .... Finally, the insertion of an intragastric balloon may be predictive for testing ...  
缺少字词: aspiration

### Endoscopy for Primary Treatment of Obesity - Practical ...

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Surgical therapies for weight loss have been much more effective and ... Laparoscopic Adjustable Gastric Band and Vertical Banded Gastroplasty both ... Further developments in intragastric balloons were made and currently the most .... Duodenal bypass sleeves