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Use Of Gatekeeper In Obese Patients With Fecal Incontinence Before Bariatric Surgery Is It Improving The Results?

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Background: Gatekeeper is a bulking agent recently introduced for fecal incontinence, implants of polyacrylonitrile (4-6) implants are inserted in inter-sphincter space (Gatekeeper, THD) follow-up was at 2, 4, 8 months.

Aim: Aim is to evaluate efficacy of gatekeeper application in obese patient with fecal incontinence going to do bariatric surgery.

Materials & Methods: Twenty obese patients undergoing bariatric surgery are evaluated for fecal incontinence (FI), which provides clues to the etiology and severity of problem.

Complete History: Signs and symptoms for bowel movement, DD from other causes of fecal soiling incontinence scoring system based on Jorge Wetner Scoring.

Physical Examination/Investigations: Perineal/rectal/abdominal patients are subjected to different types of bariatric surgery. The subjects are divided into two groups: Group I subjected to gatekeeper (bulking agent) polyacrylonitrile prosthetic cylinders at intersphincteric space. Group II not subjected to gatekeeper.

Results: Patients in Group I are subjected to gatekeeper and have significantly improved the fecal incontinence signs and symptoms.

Conclusion: The use of gatekeeper in obese patients with fecal incontinence undergoing bariatric surgery has improved the incontinence postoperative.

Notes: