

Incidence of marginal ulcer 1 month and 1 to 2 years after gastric bypass: A prospective consecutive endoscopic evaluation of 442 patients with morbid obesity

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Background: Marginal ulcer (MU) is an occasional complication after gastric bypass. We studied the incidence of this complication by a prospective routine endoscopic evaluation. 441 morbidly obese patients were studied prospectively. There were 358 women and 97 men, with mean age 41 years and mean BMI 43 kg/m². An endoscopic evaluation was performed in all 1 month after surgery, which was repeated in 315 patients (71%) 17 months after surgery, independent of the presence or absence of symptoms. Patients were submitted either to laparotomic resectional gastric bypass (360 patients), employing a circular stapler-25 or to laparoscopic gastric bypass (81 patients), in whom a hand-sewn anastomosis was performed. One month after surgery, 15 patients (4.1%) of the 360 laparotomic gastric bypass and 10 (12.3%) of the 81 laparoscopic gastric bypass presented an "early" marginal ulcer ($p < 0.02$). Seven patients among the 25 with MU were asymptomatic (28%). Endoscopy was repeated 17 months after s