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Speaker	Boru Cristian Eugeniu under40 <input type="checkbox"/>
ARGOMENTO	Tecnologie emergenti in chirurgia bariatrica
<b>TITOLO DEL LAVORO</b>	<b>Concomitant hiatal hernia repair during bariatric surgery: does the reinforcement make the difference?</b>
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RELATORE	
INTRODUZIONE	Hiatal hernia repair (HHR) is still controversial during bariatric procedures, especially in case of laparoscopic sleeve gastrectomy (LSG). Aims: to report the long-term results of concomitant HHR, evaluating the safety and efficacy of posterior cruroplasty (PC), simple or reinforced with biosynthetic, absorbable Bio-A mesh (Gore, USA). Primary endpoint: PC's failure, defined as symptomatic HH recurrence, nonresponding to medical treatment and requiring revisional surgery.
METODI	The prospective database of 1876 bariatric operations performed in a center of excellence between 2011-2019 was searched for concomitant HHR. Intraoperative measurement of the hiatal surface area (HSA) was performed routinely.
RISULTATI	A total of 250 patients undergone bariatric surgery and concomitant HHR (13%). Simple PC (group A, 151 patients) was performed during 130 LSG, 5 re-sleeves and 16 gastric bypasses; mean BMI 43.4 ± 5.8 kg/m <sup>2</sup> , HSA mean size 3.4 ± 2 cm <sup>2</sup> . Reinforced PC (group B) was performed in 99 cases: 62 primary LSG, 22 LGB and 15 revisions of LSG; mean BMI 44.6 ± 7.7 kg/m <sup>2</sup> , HSA mean size 6.7 ± 2 cm <sup>2</sup> . PC's failure, with intrathoracic migration (ITM) of the LSG was encountered in 12 cases (8%) of simple vs. only 4 cases (4%) of reinforced PC (p=0.23); hence, a repeat, reinforced PC and R-en-Y gastric bypass (LRYGB) was performed laparoscopically in all cases. No mesh-related complications were registered perioperatively or after long-term follow-up (mean 50 months). One case of cardiac metaplasia without goblet cells was detected 4 years postoperatively; conversion to LRYGB, with reinforced redo of the PC was performed. The Cox hazard analysis showed that the use of more than four stitches for cruroplasty represents a negative factor on recurrence (HR = 8; p < 0.05).
DISCUSSIONE	An aggressive search for and repair of HH during any bariatric procedure seems advisable, allowing a low HH recurrence rates. Additional measures, like mesh reinforcement of crural closure with biosynthetic, absorbable mesh, seem to improve results on long term follow-up, especially in case of larger hiatal defects. In our experience, reinforcement of even smaller defects seems advisable in obese population.
BIBLIOGRAFIA	
Revisore	Non assegnato
Accettazione	Non ancora definito
Note	