

Image of the month

Use of the Branco-Zorrón Switch in a case of hyperinsulinemic hypoglycemia after Roux en Y gastric bypass



El Switch de Branco-Zorrón como opción técnica para el tratamiento de la hipoglucemia hiperinsulinémica después de Bypass gástrico en Y de Roux

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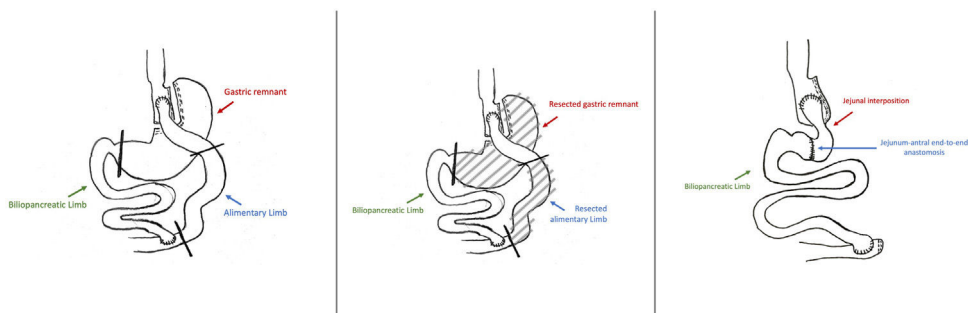


Fig. 1

Post-bariatric surgery hypoglycemia is a rare and challenging complication. Restoration of the normal anatomy with gastro-gastric anastomosis has been tried with risk of weight regain. We present jejunum interposition permitting nutrient flow through pylorus and duodenum ('Branco-Zorrón Switch') restoring the normal gastrointestinal hormonal mechanisms, while maintaining weight control. Surgery started with identification of the gastro-jejunosomy and all limbs measuring: alimentary limb: 90 cm; biliopancreatic limb: 90 cm and common limb: 275 cm. Excluded stomach was resected, preserving 3 cm of distal antrum; then, resection of the alimentary limb from 20 cm of the gastro-jejunosomy down to the Y-jejuno-jejunal anastomosis and finally an handsewn end-to-end jejunum-antral anastomosis was performed (Fig. 1, Video) This jejunum-antral anastomosis is a much simpler procedure with less potential postoperative complications than gastro-gastric anastomosis.

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¹ Javier Osorio and Claudio Lazzara contributed equally to this study.

After 9 months follow-up, patient had no further hypoglycemic episodes and did not experienced food intolerance, nor any other complications.

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Appendix A. Supplementary data

Supplementary data associated with this article can be found, in the online version, at [doi:10.1016/j.ciresp.2022.02.013](https://doi.org/10.1016/j.ciresp.2022.02.013).