

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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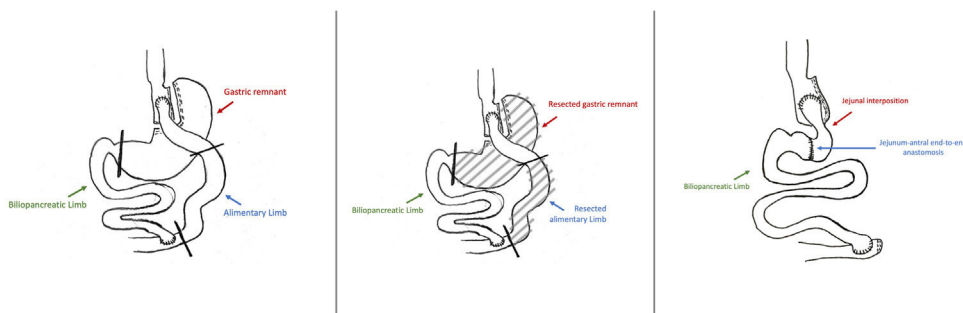


Fig. 1

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 jejunal 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 jejunal-antral anastomosis was performed (Fig. 1, Video) This jejuno-antral anastomosis is a much simpler procedure with less potential postoperative complications than gasto-gastric anastomosis.

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<https://doi.org/10.1016/j.ciresp.2022.02.013>

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

Funding

There were no grants provided for this study.

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).