

## Laparoscopic Adjustable Gastric Banding: 7-year results in Taiwan

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**Objectives:** Laparoscopic adjustable gastric banding (LAGB) is a pure restrictive bariatric surgery. We had reported our short-term results of LAGB in Taiwan. In this study, we report the long-term results of LAGB in Taiwan. **Materials and Methods:** From January 2002 to June 2010, 246 consecutive patients with morbid obesity underwent LAGB in our department. Mean age was 32.1 years and mean BMI 39.8 Kg/m<sup>2</sup>. The demographic data and post-operative results were recorded. **Results:** All procedures were performed laparoscopically with no conversion to open surgery. The major and minor complication-rate was 0% and 3% respectively. Mean BMI from 39.8 Kg/m<sup>2</sup> to 35.4, 36.3, 34, 33, 31, 30.7 and 32.6 at 1, 2, 3, 4, 5, 6 and 7 years respectively, with 80% follow-up. Revision rate was 13% (33/246). The most common cause of revision bariatric surgery was failed to lose adequate weight (20/32, 62.5%), poor quality of life (5/32, 15.6%), and band slippage (3/32, 9.3%). **Conclusion:** LAGB is safe and effective in weight reduction and improvement of quality of life. However, a late surgical re-intervention rate of 13% was observed with conversion to another bariatric procedure was 8%.