

# **DO DEMOGRAPHICS AFFECT THE OUTCOME OF LAGB SURGERY? A RBWH EXPERIENCE.**

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## **Introduction**

The Royal Brisbane and Women's Hospital is the only hospital in Queensland which offers Bariatric surgery in a public setup. A literature review done suggests that not much has been mentioned about the outcome of bariatric surgery (LAGB) in regards to the distance of patient's residence from the hospital.

## **Aim**

The aim of this study is to find out if demographics, in terms of distance from the hospital affect the outcome of LAGB surgery in a public hospital.

## **Material and Methods**

We reviewed the records of 103 patients who underwent LAGB as their initial surgery for weight loss from January 2005 to April 2007 at the RBWH. Patients were divided into those staying within the 25 km mark from Brisbane city and those outside the mark.

## **Results**

33 patients were residing within the 25 km mark, 47 were residing outside. 23 of these patients who either had conversion to sleeve gastrectomy, referred to their local doctors for adjustment, complications requiring theatre visit or lost to follow up were excluded from the study. The mean weight loss in patients residing within 25 kms was 27 kg and those outside the mark was 25 kgs. Both groups had an average band adjustment of 3 times over a period of two years.

## **Conclusion**

This small study suggests that outcome of LAGB in a public hospital set up does not depend on the distance of residence of the patient from the hospital.