

### Abstract

High blood pressure is commonly associated with obesity. This study looked at the impact between weight loss surgery, weight loss and blood pressure. A retrospective chart review of patients with gastric bypass or gastric banding was evaluated for the presence of high blood pressure. Of those reviewed, 35.8% had pre-surgical high blood pressure. Those with high blood pressure were divided into three groups: group one had follow up at 10-14 months post surgery; group two had follow up at 24-36 months post surgery; and group three had follow up at both 10-14 months and 24-36 months post surgery. Results indicated blood pressure resolution and improvement rates at 97% for group one, 100% for group two, and 92 – 97% for group three. Statistical significance was found for each data point, showing similarities to other research looking at weight loss surgery and blood pressure status.