Role of Dietary Habits in Efficacy of Bariatric Surgery - Study A

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Study protocol

Participants were scheduled to complete the field protocol at baseline (before surgery) and at approximately 2, 6, and 12 months after the sleeve gastrectomy. At the four time points, participants recorded in real-time what they ate by a smartphone app. Caloric intake and macronutrient composition of each food consumption was determined by a dietician. Timing of each food consumption was time-stamped by the smartphone app. Participants monitored their sleep/wake schedule by calling a voicemail system and keeping a sleep/wake diary. Body weight change from baseline to 12 months after the sleeve gastrectomy was extracted from their electronic medical record.

Statistical Analysis Plan

Percentage change in body weight from baseline to 1 year after surgery will be summarized for the overall study population using the mean and standard deviation or the median and interquartile range (IQR), as appropriate. Additional analyses will examine associations between dietary habits during the first postoperative year and weight-related outcomes using appropriate regression or correlation methods. The extent and pattern of missing data will be assessed, and appropriate methods for handling missing data will be considered.