Weight Loss Surgery by The Denver Center for Bariatric Surgery Can Now Improve Heart Health

Recent studies have supported weight loss surgery improving the health of the heart in bariatric surgery patients in Denver Colorado.

Denver, CO (PRWEB) August 17, 2012 -- A recent study introduced at the annual American Society for Metabolic & Bariatric Surgery meeting illustrates that the benefits experienced by patients include reduction of cardiac disease risks.

Researchers evaluated 182 patients for factors before and after gastric surgery. They followed patients for up to seven years after procedures. Physicians found that bariatric surgeries not only produce satisfactory results but also provide enduring benefits by reducing elements that contribute to heart disease.

Prior to surgery, the average patient had a body mass index or BMI of 47. Physicians consider a BMI of 30 obese. One-third of the patients had diabetes, one-half exhibited hypertension and one-fourth required cholesterol-lowering medication. Seven years after surgery, patients on average, lost over 80 pounds and reduced their BMI profile by an average of 13 points. Laboratory assessments revealed that total cholesterol levels dropped by 10 points. Patients also increased their high-density lipoproteins or HDL by 40 percent while reducing LDL low-density lipoproteins. Triglyceride levels decreased by 55 percent. Studies also indicated that the inflammation marker known as C-reaction protein dropped 80 percent.

Lap Band

Denver Bariatrics Center offers four different laparoscopic procedures. The Lap Band Colorado bariatric procedure entails making a small incision over the abdominal area and inserting an elastic like band around the upper portion of the stomach. The procedure separates the upper and lower sections of the organ, which decreases stomach capacity and slows the digestive process, which subsequently prolongs the feeling of fullness. A small inflatable port lies just beneath the skin. Through this port, physicians inject or extract saline solution, which increases or decreases the band tightness. This options offers the fastest recovery time.

Roux-en-Y Gastric Bypass

The Roux-en-Y procedure reduces the size of the stomach to a one- or two-ounce pouch. After minimizing the size of the stomach, surgeons attach a portion of intestine to the pouch. The other end of the bowel connects to the intestinal system. Though bypassing the majority of the stomach, food still mixes with enzymes from the liver, pancreas, stomach and intestines. The Denver bariatric surgery eliminates hunger by reducing allowable food capacity. After the procedure, patients experience little to no appetite for up to 12 months.

Gastric Sleeve

Weight loss surgery in Denver options include gastric sleeve also known as a sleeve gastrectomy. This procedure entails reducing the size of the stomach to that of a cylindrical pouch having a capacity of approximately four ounces. The natural valves and connections between the stomach with the esophagus and intestine remain intact. After this weight loss surgery, patients lose on average 50 to 75 percent of unwanted weight. Patients choosing this gastric surgery option must realize the procedure is not reversible.
Consideration as a candidate for bariatric surgery requires having a BMI of 40. Physicians also accept patients having medical conditions related to obesity and a BMI of 35. Potential clients cannot have untreated metabolic conditions and some diagnoses may pose too great a health risk and prevent surgical options.

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