

RETROSPECTIVE ANALYSIS OF 386 CASES OF SLEEVE GASTRECTOMY AS REGARDS RESOLUTION OF METABOLIC SYNDROME

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SUMMARY

386 consecutive cases of patients with BMI over 33 who underwent laparoscopic sleeve gastrectomy primarily for resolution of metabolic syndrome were included in the study.199 of these were females and 187 males.patients were in the age group between 17 years and 71 years.All patients included were south Asians,predominantly from south india.patients were in class 1 class 2 and class 3 obesity.

The predominant disease was Diabetes Mellitus type 2(276 suffering from it).Hypertension hypercholesrolemia,Polycystic Ovarian syndrome,Obsturctive sleep apnoea were also analysed.

All patients were followed up for a minimum period of 1 year before being included in the analysis.

BMI fall over the period was also analysed.

The results shoed a marked reolution of diabetes,significant resolution of hypertension and polycystic ovarian syndrome.However the resolution of hypercholesterolemia was not significant in our study.

We conclude that laparoscopic sleeve gastrectomy is an excellent procedure for metabolic syndrome resolution.