

COMPARABLE EXCESS WEIGHT LOSS (EWL) USING THE NEW GENERATION SWEDISH ADJUSTABLE GASTRIC BAND-SAGB VC

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Background

The Swedish Adjustable Gastric band is an effective treatment for morbid obesity. Recently the band has been modified (SAGB VC) to incorporate a larger capacity inflatable cuff; flexible, pre-curved shape for ease of insertion; wider adjustment range and the ability of the band to be unlocked/relocked if required.

Aim

To assess the efficacy of the SAGB VC.

Method

From October 2007 the new generation SAGB VC replaced the SAGB QuickClose in our clinic. Data was retrospectively collected from January 2005 to September 2008 and analysed according to the type of band inserted. Group 1 had the SAGB QuickClose and group 2 the SAGB VC. All patients were followed up by our multidisciplinary team.

Results

There were 1088 patients in group 1 and 315 patients in group 2. Both groups were comparable in terms of age, sex and initial weight and BMI (Table 1).

	SAGB	SAGB-VC
Age (yrs)	45 ± 12	44 ± 12
Sex (f/m)	80%:20%	73%:27%
Initial weight (kg)	123 ± 56	123 ± 26
Initial BMI (kg/m ²)	44 ± 19	44 ± 24
EWL (%)		
3 months (n)	25 ± 16 (1088)	23 ± 12 (315)
6 months (n)	32 ± 15 (769)	31 ± 14 (119)
9 months (n)	37 ± 16 (529)	41 ± 16 (20)

There was no significant difference in EWL% between the two bands at 3, 6 or 9 months follow up (Table 1). Also, complication rates were comparable between the two bands.

Conclusion

Technical improvements in the new SAGB VC band have allowed easier insertion of the band without compromising efficacy, provided that all patients are followed by a multidisciplinary team.