

Endoscopic transsphenoidal surgery yields high surgical cure rate (78%). There was no correlation between tumor volume and surgical cure, and little impact of cavernous sinus invasion. When compared to published data, these results suggest that endoscopy yields better outcomes than microscopy for acromegaly. K-score did not predict pre-operative GH or IGF-1 levels, suggesting that cavernous invasion does not directly influence serum measures of these values.