


Assessment of the extent of previous endoscopic sinus surgery using the ACCESS score in patients with chronic rhinosinusitis referred to tertiary care rhinologic clinics


**Aim**

Quantify the extent of prior ESS in diffuse CRS patients referred for revision surgery using the ACCESS score




Retrospective multicenter study
6 tertiary rhinologic centers

Patients

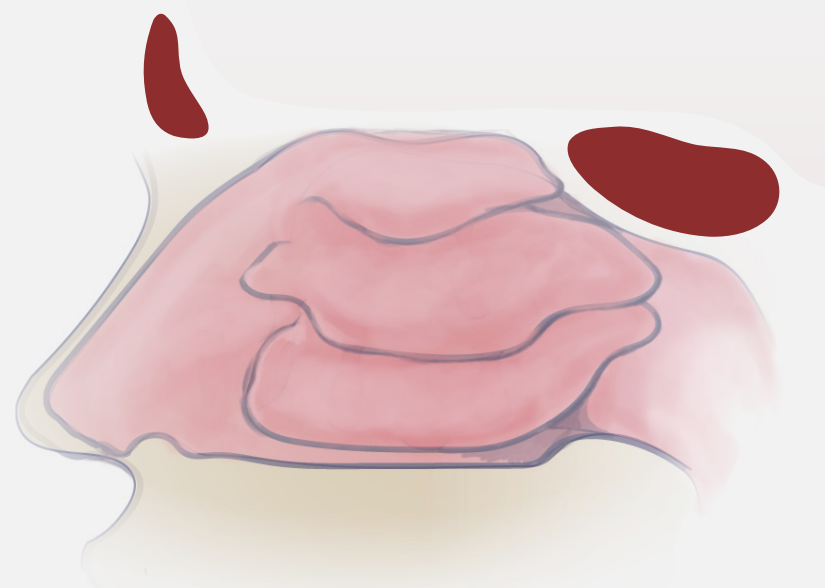


Diffuse CRS
≥1 prior ESS
Pre-revision CT available

Results

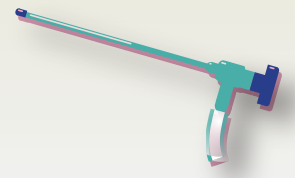


Median ACCESS score
12 (7-17)

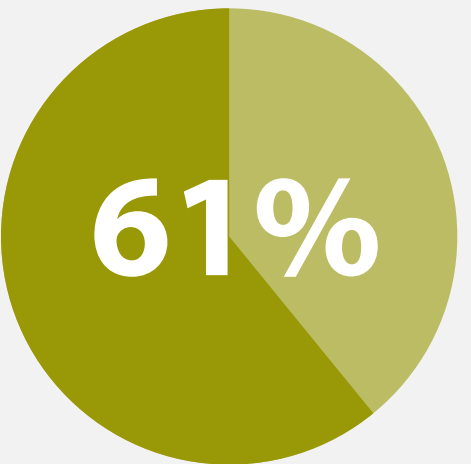


The frontal & sphenoid sinuses were the least adequately addressed by prior surgery

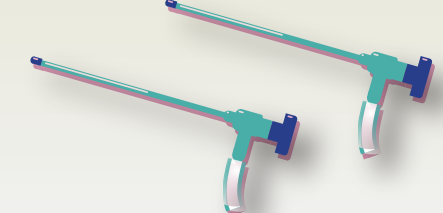
Number of prior ESS



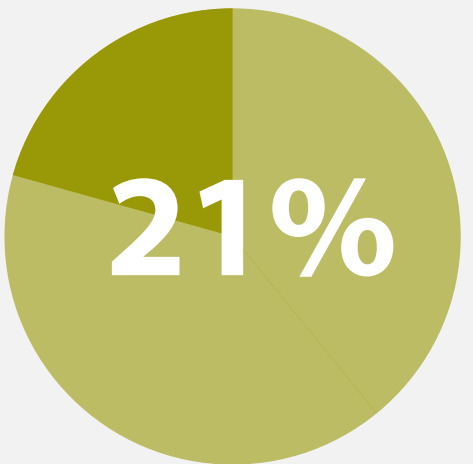
1



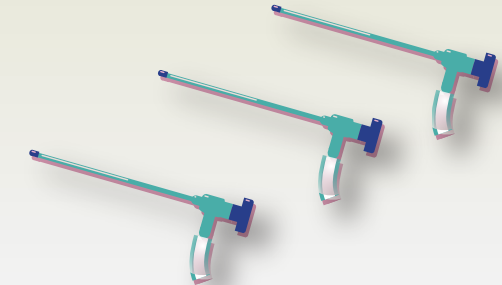
61%



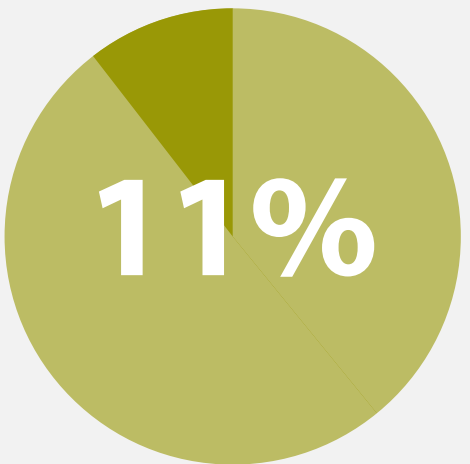
2



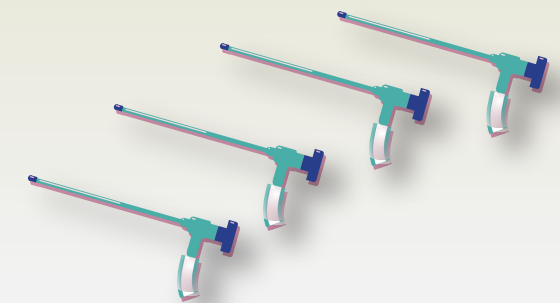
21%



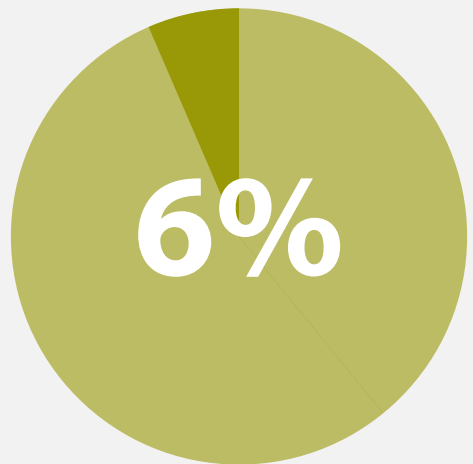
3



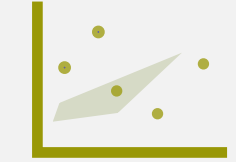
11%



≥4



6%



Multivariate linear regression analysis showed small changes in the patient's ACCESS score in relation to their number of previous surgeries (B=-1.273, p=0.025)

→ Large heterogeneity in prior ESS extent among revision CRS referrals, regardless of the number of previous surgeries