

By the conclusion of this session, participants should be able to: 1) Describe the importance of EES in the treatment of skull base tumors with invasion of the cavernous sinus. 2) Discuss the advent of endoscopic technologies and techniques that facilitates tumor resection with minimal neurological deficit compared to open approaches to the cavernous sinus. 3) Identify an effective treatment in the management of cavernous sinus tumor.

Upper: Preop MRIs with contrast show a tumor occupying the whole CS and expanding the medial wall of the CS towards the midline displacing the pituitary stalk and compressing the pituitary gland (arrow). Lower: Immediate postop MRIs with contrast demonstrate an extensive evacuation of the right CS with small residual remaining attached the lateral wall of the CS (arrowheads), lateral to the paraclinoidal segment of the ICA. The pituitary stalk and gland have been decompressed (arrow) and returned in a more natural location