



SSG CASE REVIEW | Trans-sulcal Surgical Approach with Video Colloid Cyst

Clinical Presentation

The patient is a 58 year-old male presenting to the ED with drop attacks and loss of consciousness. A head CT showed ~1cm colloid cyst located in the third ventricle.

Surgical Management

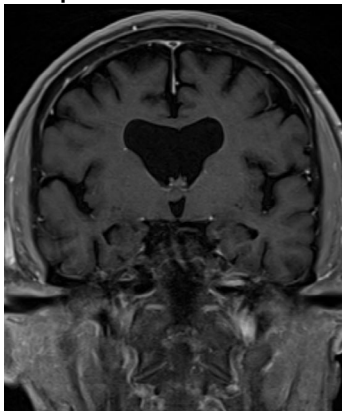
A trans-sulcal surgical approach was selected with a goal of gross total resection. A right frontal trajectory was planned via Kocher's point to access the lateral ventricle. It was determined the distance from bone to target was approximately 56mm, so a 60mm tubular retractor was chosen for access. Navigation confirmed the location of the sheath relative to the lesion so that the choroid plexus and foramen of Monro were in view. With suction and forceps, a bi-manual technique allowed the foramen of Monro to be opened and the colloid cyst visualized. Forceps were used to remove the cyst en bloc and hemostasis was managed post-removal with a gentle irrigation flush.

Total surgical time was reported at 67 minutes with resection taking 11 minutes.

Clinical Course & Outcomes

A post-operative head CT confirmed gross total resection was achieved. The patient woke-up intact and had his EVD removed on post-op day 1. Two days were spent in the ICU before being released to the next level of care.

Pre-Operative MRI



Pre-Operative CT



Post-Operative CT



Post-Operative CT



Watch the Video



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