

Neurosurgery Grand Rounds
Course No. 21D16
Friday, August 7, 2020
7:00 - 8:00 a.m.

Harold Hamm Diabetes Center -Virtual Via Zoom

“Role of Neuro-anatomy in Surgical treatment of Complex Intracranial Pathologies”

Presented by:

Mustafa K. Baskaya, MD

Professional Practice Gaps: Distinguish the difference of surgical treatment with complex intracranial pathologies.

Learning Objectives: Upon completion of this session, participants will improve their competence and performance by being able to:

1. Evaluate imaging findings and diagnose of Complex Intracranial Pathologies.
2. Plan appropriate therapy in accordance with imaging findings of Complex Intracranial Pathologies.
3. Describe the potential approaches for Complex Intracranial Pathologies based on Neuro-anatomy.
4. Describe the preoperative evaluation and diagnostic work-up of patients with Complex Intracranial Pathologies.
5. Recall the surgical technique for the safe resection of Complex Intracranial Pathologies based on Neuro-anatomy.
6. Determine the pathophysiologic and anatomic aspects of Complex Intracranial Pathologies.
7. Describe the role of microsurgery along with adjunctive modalities in the overall management of patients with Complex Intracranial Pathologies in the modern era.
8. Explain how to make and apply a treatment plan for the Complex Intracranial Pathologies.
9. Appraise contemporary decision-making aspects of Complex Intracranial Pathologies management in the modern era.
10. Distinguish importance of ultra-microsurgery to preserve neurovascular structures.
11. Distinguish management strategies for patients with Complex Intracranial Pathologies.
12. Interpret current nuances and controversies in management of patients with Complex Intracranial Pathologies.

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