

NEUROSURGICAL ATLAS

이용자 가이드



NEUROSURGICAL ATLAS

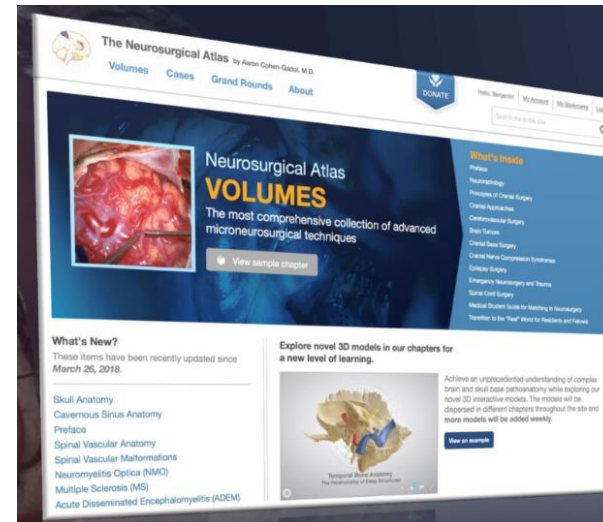
www.neurosurgicalatlas.com

Neurosurgical Atlas

The Neurosurgical Atlas는 신경외과의 기술적 우수성을 촉진하는 선구자이자 글로벌 리더입니다. 신경외과 교육 및 연구를 위한 세계에서 가장 큰 비영리 단체이며, 70,000명 이상의 회원과 130만 명의 웹 사이트 이용자를 보유하고 있습니다. 각 비디오와 챕터는 복잡한 뇌 수술의 안전하고 효율적인 수행을 위한 필수 레퍼런스입니다.

**** 주제분야: 신경외과, 이비인후과, 방사선과, 마취과 및 내분비학 등**

LEADERSHIP IN NEUROSURGICAL EDUCATION AND RESEARCH



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- ✓ 3D VR 모델



1

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Important changes to the *Neurosurgical Atlas*. [Learn more.](#)

- 1) 메인 메뉴
- 2) 키워드 검색창 (통합 검색 제공)

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Neurosurgical Atlas Volumes

- Preface **Free**
- Microsurgical Mastery: Passion for Technical Excellence
- ▣ Non-Technical Skills in Neurosurgery
- ▣ Neuroradiology
- ▣ Operative Neuroanatomy
- ▣ Principles of Cranial Surgery **Free**
- ▣ Cranial Approaches **Free**
- ▣ Cerebrovascular Surgery
- ▣ Brain Tumors
- ▣ Cranial Base Surgery
- ▣ Cranial Nerve Compression Syndromes
- ▣ Epilepsy Surgery
- ▣ Emergency Neurosurgery and Trauma
- ▣ Spinal Cord Surgery
- ▣ CSF Diversion Procedures
- ▣ Medical Student Guide for Matching in Neurosurgery **Free**
- ▣ Transition to the "Real" World for Residents and Fellows
- ▣ Trending Articles in Neurosurgical Journals

■ 총 526+ Chapters로 구성되어 있으며 각 Chapter를 클릭하여 상세 내용을 조회 할 수 있습니다

- 5,000개 이상의 일러스트레이션 원본 (*독점)
- 600개 이상의 독점 수술 이미지 (*독점)
- 기초 신경외과 기술에 대한 50~100개의 비디오 영상
- 매년 30~50개의 챕터 업데이트

1

Neurosurgical Atlas Volumes

Preface **Free**

Microsurgical Mastery: Passion for Technical Excellence

⊕ Non-Technical Skills in Neurosurgery

⊕ Neuroradiology

⊕ Operative Neuroanatomy

⊕ Principles of Cranial Surgery **Free**

⊕ Cranial Approaches **Free**

⊕ Cerebrovascular Surgery

⊕ Brain Tumors

⊕ Cranial Base Surgery

⊕ Cranial Nerve Compression Syndromes

⊕ Epilepsy Surgery

⊕ Emergency Neurosurgery and Trauma

⊕ Spinal Cord Surgery

⊕ CSF Diversion Procedures

⊕ Medical Student Guide for Matching in Neurosurgery **Free**

⊕ Transition to the "Real" World for Residents and Fellows

⊕ Trending Articles in Neurosurgical Journals

Preface **Free**

2



Bookmark

The physician must be able to tell the antecedents, know the present, and foretell the future—must mediate these things, and have two special objects in view with regard to disease, namely, to do good or to do no harm.

Of the Epidemics (400 B.C.), Hippocrates

Battle
indulge
afraid
duty. D

1) Chapters 별 클릭하여 조회

2) PDF 저장 버튼

3) 관련된 비디오 영상 자료 리스트

3

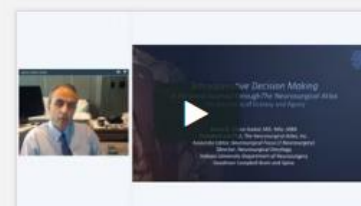
Related Videos



Preface: Atlas Introduction



Introduction to the Atlas



Evolution of Surgeon from Novice to Master Surgeon



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The screenshot shows the ATLAS Neurosurgical website interface. At the top, there is a navigation bar with the ATLAS logo and the text 'ATLAS | Neurosurgical'. To the right of the logo are several menu items: 'Volumes', 'Cases', 'Master Case Series', 'Neuroanatomy', and 'Donate'. Below these are 'Grand Rounds', 'About', 'Atlas Foundation', and 'For Libraries'. On the far right of the top bar are links for 'My Account', 'My Bookmarks', and 'Logout', along with a search box labeled 'Search the entire site'.

The main content area is divided into a left sidebar and a main panel. The sidebar, highlighted with a yellow border and labeled '1', contains a 'Free Content' section with a checkbox for 'Show Only Free Content' (42 items). Below this is a 'Filter by Topic' section with a list of topics and their counts: Brain Tumors (182), CSF Diversion Procedures (1), Cerebrovascular Surgery (272), Cranial Approaches (109), Cranial Base Surgery (152), Cranial Nerve Compression Syndrome (65), Emergency Neurosurgery and Cerebral Trauma (2), Epilepsy Surgery (9), Principles of Cranial Surgery (42), and Spinal Cord Surgery (13). At the bottom of the sidebar is a 'Video Cases Collections' section with links to 'Operative Video Cases', 'The Spetzler Collection', 'The Couldwell Collection', 'The Baskaya Collection', and 'The Rhoton Society Lectures'.

The main panel, labeled 'Operative Video Cases', features a header with a surgeon's profile picture and name: 'Surgeon: Aaron Cohen-Gadol'. Below this is a search bar labeled 'Search Operative Video Cases' with a magnifying glass icon, labeled '2'. Underneath the search bar, it says '628 Results'. The main content area displays a grid of video thumbnails, with the first one labeled 'Suprameatal Endosc...' and 'Trigeminal Schwann...'. A large orange text box, labeled '3', is overlaid on the video thumbnails, containing the following text:

- 1,000개 이상의 독점 Operative Case 비디오를 제공합니다.
- Atlas 설립자 Aaron Cohen-Gadol 박사의 수술 영상 사례 628건
- 소아과 및 척수 수술의 새로운 컬렉션을 포함하여 2023-2024년에 수백 개의 새로운 비디오 업데이트 예정

On the right side of the main panel, there is a list of three items: '1) 주제별 컬렉션별 리스트', '2) 키워드 검색창', and '3) 영상 자료 리스트'.



Search Operative Video Cases



Filter by Topic

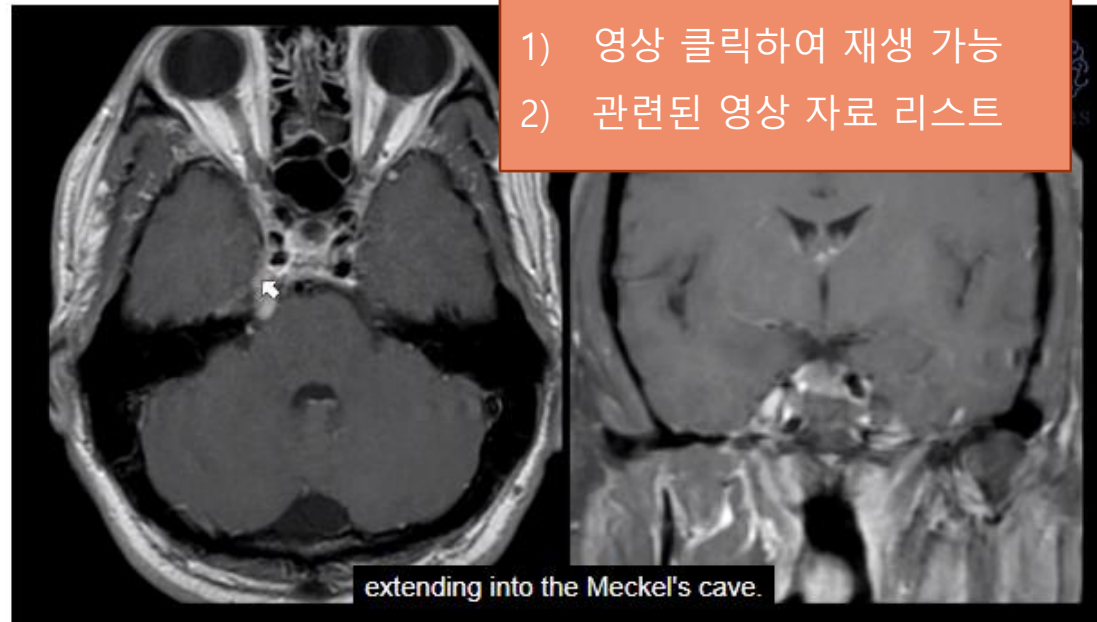
- Brain Tumors
- Cerebrovascular Surgery
- Cranial Approaches
- Cranial Base Surgery
- Cranial Nerve Compression Syndrome
- CSF Diversion Procedures
- Emergency Neurosurgery and Cerebral Trauma
- Epilepsy Surgery
- Preface
- Principles of Cranial Surgery
- Spinal Cord Surgery
- Video Cases Collections**
 - Operative Video Cases
 - The Spetzler Collection
 - The Couldwell Collection
 - The Baskaya Collection
 - The Rhoton Society Lectures

[Back to Operative Video Cases](#)

1 **Suprameatal Endoscopic Approach: Trigeminal Schwannoma**



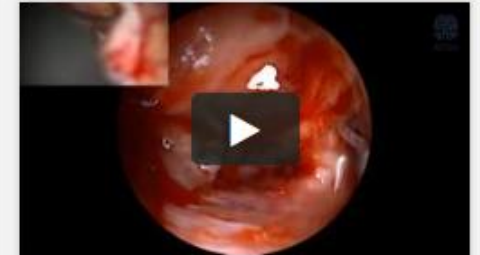
Surgeon: [Aaron Cohen-Gadol](#)



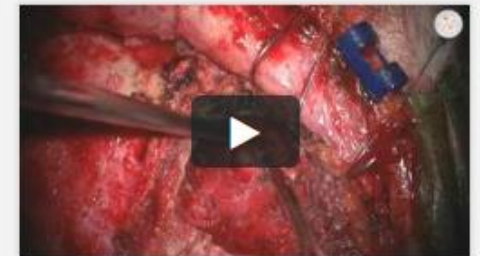
- 1) 영상 클릭하여 재생 가능
- 2) 관련된 영상 자료 리스트

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2 **Related Videos**



Suprameatal Endoscopic Approach: Trigeminal Schwannoma



Sphenoorbital Meningioma: Techniques for Resection



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Filter by Topic

- Brain Tumors 36
- Cerebrovascular Surgery 84
- Cranial Approaches 18
- Cranial Base Surgery 33
- Cranial Nerve Compression Syndrome 1
- Emergency Neurosurgery and Cerebral Trauma 1
- Spinal Cord Surgery 11
- Spinal Surgery 3

Video Cases Collections

- [Operative Video Cases](#)
- [The Spetzler Collection](#)
- [The Couldwell Collection](#)
- [The Baskaya Collection](#)
- [The Rhoton Society Lectures](#)

Master Case Series



Surgeon: Robert Spetzler



Surgeon: William Couldwell



Surgeon: Mustafa Baskaya



Surgeon: The Rhoton Society

■ 권위있는 신경외과 의사들의 마스터 케이스 시리즈 비디오(144개 이상 제공)

Search



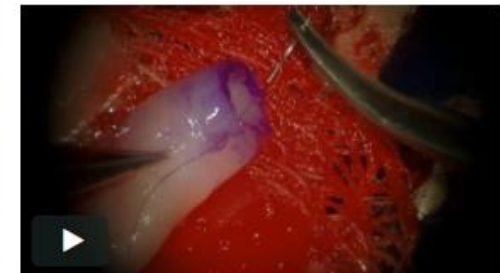
317 Results



Resection of GBM of the Medulla Oblongata with Intraoperative Subcortical Stimulation and Mapping



Application of a New Fenestrated Clip (Yaşargil T-bar clip) for Treatment of Fusiform M1 Aneurysm



Overcoming Vessel Mismatch During STA to Radial Artery M2 Interposition Grafting



Filter by Topic

- Anterior Cranial Fossa 143
- Brainstem 313
- Cerebellopontine Angle and Posterior Fossa 227
- Cerebellum 218
- Cerebrovascular Anatomy 641
- Cerebrum 420
- Endonasal 241
- Foramen Magnum and Jugular Foramen 122
- Head and Neck Anatomy 248
- Middle Cranial Fossa and Cavernous Sinus 307
- Orbit 107
- Sella, Parasellar and Paraclival 341
- Skull Anatomy 264
- Spinal Cord 27
- Spine 56
- Temporal Bone 257
- Ventricular Anatomy 203

Neuroanatomy

The Neuroanatomy section of the Atlas is one of the most comprehensive and interactive modules in the world. When you click on any structure within e other sections of the Atlas will

Search

Search Neuroanatomy

1751 Results



Lateral View of a Left-Sided Deep White Matter Dissection of the Mesiotemporal Lobe, Diencephalon and Brainstem



Anterior Perspective of Dissected Cerebrum and Brainstem



Coronal Section of the Right Hemisphere through the Hypothalamus



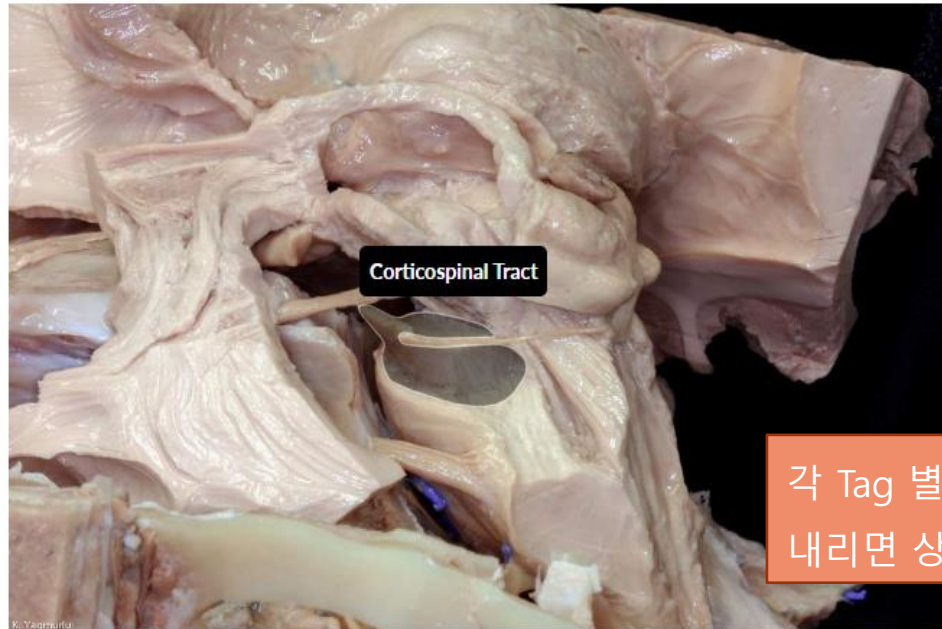
■ Neuroanatomical images 제공 (1,759개 이상 제공)

Neuroanatomy 섹션은 세계에서 가장 포괄적이고 사용자 친화적인 신경해부학적 지식을 제공합니다. 뇌의 각 구조에 태그가 지정되고 사용자가 상호 작용적으로 강조할 수 있으며 아틀라스의 다른 내용과 연결되어 공간적 방향과 복잡한 작동 관계에 대한 깊이 있는 이해를 제공합니다. 이러한 상호 작용 기능은 아틀라스만의 독점적이고 독특한 기능입니다.

각 이미지를 클릭하면 세부 화면으로 이동됩니다.



Lateral View of a Left-Sided Deep White Matter Dissection of the Mesiotemporal Lobe, Diencephalon and Brainstem



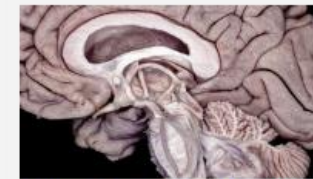
Tags

- Anterior Commissure
- Corticospinal Tract**
- Foramen Of Monro
- Inferior Colliculus
- Middle Cerebellar Peduncle
- Oculomotor Nerve
- Optic Tract
- Pineal Gland
- Stria M
- Substantia Nigra
- Superior Cerebellar Peduncle
- Superior Colliculus
- Thalamus
- Tri
- Trochlear Nerve



Images with Highlights

17 for "Corticospinal Tract"



Medial Perspective of partially dissected Brainstem, Diencephalon and Cerebellum



Sagittal Perspective of Nasal

각 Tag 별 부위를 바로 확인 할 수 있으며, 스크롤을 내리면 상세 설명 내용을 확인 할 수 있습니다.

Lateral view of a left-sided deep white matter dissection of the mesiotemporal lobe, diencephalon and brainstem. The anterior commissure (AC) is a bundle of white matter that is shaped like a bicycle handlebar and interconnects the bilateral temporal lobes and olfactory structures. The AC travels laterally, ventral to the anterior limb of the internal capsule and globus pallidus in "Gratiolet's canal" and posterior to the uncinata fasciculus and terminates in the temporal pole.

Free Content

Show Only Free Content 19

Filter by Topic

- Brain Tumors 41
- Cerebrovascular Surgery 56
- Cranial Approaches 12
- Cranial Base Surgery 59
- Cranial Nerve Compression Syndrome 7
- Emergency Neurosurgery and Cerebral Trauma 1
- Epilepsy Surgery 6
- Miscellaneous Topics 10
- Oral Boards 6
- Pediatric Neurosurgery 8
- Principles of Cranial Surgery 2
- Professional Advancement 12
- Spinal Cord Surgery 4
- Spinal Surgery 20
- Transition to the "Real" World for Residents and Fellows 18

Filter by Partner

- AANS Operative Grand Rounds 136
- Intraoperative Fluorescence for Aneurysms and Tumors 2
- Journal of Neurosurgery 5
- MEDTRONIC 1

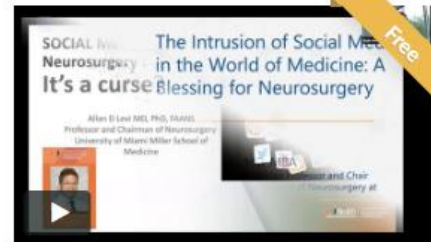
Grand Rounds/Virtual OR Series

Search

Search Grand Rounds

220명 이상의 신경외과 전문의가 참여하는 Grand Rounds 웨비나 (236개 이상 제공)

250 Results



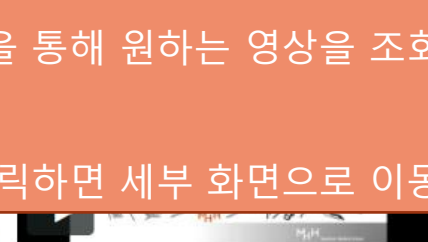
Social Media: Friend or Foe for a Neurosurgeon

Brian Hoh, Allan Levi



Unwrapping a Not-for-Profit Healthcare System: Building a New Neurosciences Program

Michael McDermott



The Neurosurgery – Neuroanatomy Research Axis: Future Perspectives to Study Synaptic Transmission

Maximilian Lenz



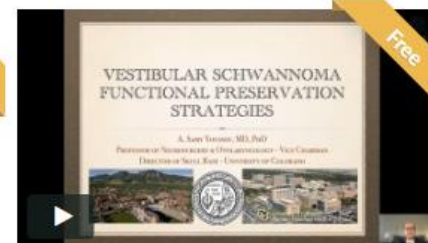
Surgery of Mesencephalic Brainstem Tumors

Miguel A. Arraez



Giant Pituitary Macroadenoma: Endoscopic Surgical Management and its Pitfalls

Sirajeddin Belkhair



Vestibular Schwannoma: Functional Preservation Strategies

A. Samy Youssef

주제별 파트너별로 분류되어 있으며, 키워드 검색을 통해 원하는 영상을 조회할 수 있습니다.

각 영상을 클릭하면 세부 화면으로 이동됩니다.

Search Grand Rounds

Topics

- Brain Tumors
- Cerebrovascular Surgery
- Cranial Approaches
- Cranial Base Surgery
- Cranial Nerve Compression Syndrome
- Emergency Neurosurgery and Cerebral Trauma
- Epilepsy Surgery
- Miscellaneous Topics
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- Principles of Cranial Surgery
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- Spinal Surgery
- Transition to the "Real" World for Residents and Fellows

Partners

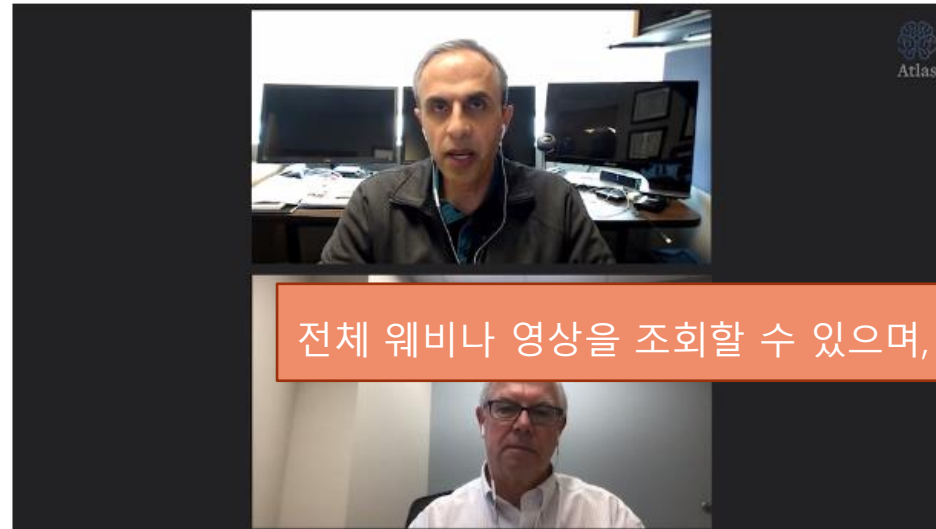
- AANS Operative Grand Rounds
- Intraoperative Fluorescence for Aneurysms and Tumors
- Journal of Neurosurgery
- MEDTRONIC

Back to Grand Rounds/Virtual OR Series

Surgical Management of Focal Brainstem Tumors in Children

Frederick Boop

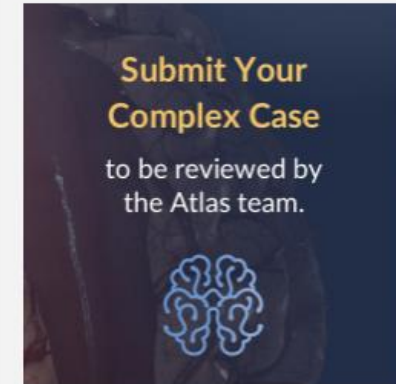
October 17, 2022



Transcript

- Colleagues and friends, thank you for joining us for another session of the Virtual OR. My name is Aaron Cohen. Our guest today is Dr. Rick Boop from Semmes Murphey. He is chairman emeritus at Semmes Murphey Neurosurgery. He's the current president of the ISPN. He is one of the most talented pediatric brain tumor neurosurgeons I've ever worked with. Today he's

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Subacute SDH Drainage via Burr Holes

Surgeon: [Aaron Cohen-Gadol](#)

03:24

Transcript

Let's discuss evacuation of subacute subdural hematomas via burr holes. This is

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Subacute SDH Drainage

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북마크 기능을 통해 언제든지 편리하게 해당 영상을 다시 확인 할 수 있으며, 영상마다 연관된 비디오자료를 추가로 확인 할 수 있습니다.

감사합니다.



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