

# **PCH Neurosurgery Case Conference 2024**

## **PCH Neurosurgery Case Conference 2024 -**

### **10/29/2024**

**October 29, 2024 – 7:00 AM**  
**Online**

#### **Overall Activity Objectives:**

- 1 Implement an advanced diagnostic approach for neurosurgical diseases and disorders by integrating cutting-edge knowledge, including the utilization of advanced imaging techniques and the incorporation of novel physiologically-based studies. This aims to broaden and enhance diagnostic options for improved understanding and management of neurosurgical conditions.
- 2 Integrate best-practice techniques for both surgical and nonsurgical management and assess the most current surgical and nonsurgical approaches for effectively managing a neurological disorders.
- 3 Appraise the most beneficial and least invasive imaging studies in the diagnostic workup of specific neurological disorders, integrating optimal techniques for imaging of particular disorders.
- 4 Integrate the most widely accepted surgical management techniques for a specific disorder and enhance proficiency in patient outcome measurements for the corresponding surgical procedure.
- 5 Demonstrate enhanced tumor control by consistently adhering to best-practice guidelines, resulting in improved patient outcomes.
- 6 Demonstrate improved patient outcomes after traumatic brain injury by consistently adhering to best-practice guidelines.
- 7 Illustrate alignment in pediatric neurosurgical treatment and management by incorporating current practices and adhering to established guidelines.

#### **Session Objectives:**

- 1 Implement an advanced diagnostic approach for neurosurgical diseases and disorders by integrating cutting-edge knowledge, including the utilization of advanced imaging techniques and the incorporation of novel physiologically-based studies. This aims to broaden and enhance diagnostic options for improved understanding and management of neurosurgical conditions.
- 2 Integrate best-practice techniques for both surgical and nonsurgical management and assess the most current surgical and nonsurgical approaches for effectively managing a neurological disorders.
- 3 Appraise the most beneficial and least invasive imaging studies in the diagnostic workup of specific neurological disorders, integrating optimal techniques for imaging of particular disorders.
- 4 Integrate the most widely accepted surgical management techniques for a specific disorder and enhance proficiency in patient outcome measurements for the corresponding surgical procedure.
- 5 Demonstrate enhanced tumor control by consistently adhering to best-practice guidelines, resulting in improved patient outcomes.
- 6 Demonstrate improved patient outcomes after traumatic brain injury by consistently adhering to best-practice guidelines.
- 7 Illustrate alignment in pediatric neurosurgical treatment and management by incorporating current practices and adhering to established guidelines.

#### **Accreditation Statement:**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of Arizona College of Medicine - Tucson and Phoenix Children's

Hospital The University of Arizona College of Medicine - Tucson is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Arizona College of Medicine - Tucson designates this Live Activity for a maximum of 1.00 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Relevant Financial Relationships Statement(s):**

University of Arizona College of Medicine - Tucson Office of Continuing Medical Education adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible entities (commercial interests). The CME office reviewers have nothing to disclose. All relevant financial relationships have been mitigated prior to the commencement of the activity.

<b>Name of individual</b>	<b>Individual's role in activity</b>	<b>Nature of Relationship(s) / Name of Ineligible Company(s)</b>
DAVID SHAFRON, MD	Planning Committee Member	Nothing to disclose - 11/21/2023
Jennifer Ronecker, MD	Planning Committee Member	Consulting Fee-Medtronic (Any division) - 12/05/2023
Ruth E Bristol, MD	Planning Committee Member	Nothing to disclose - 01/05/2024
Jason S Hauptman, MD, PhD, FAANS FACS FAAP	Activity Director	Consulting Fee-Medtronic (Any division) Consulting Fee-GE Healthcare Consulting Fee-Iota - 08/19/2024
Alex Greven, MD, MBA	Faculty	Nothing to disclose - 07/01/2024



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