

# **PCH Surgical Grand Rounds 2026**

## **Cerebrospinal Fluid Flow Disorders: Surgical Management of Shunted Hydrocephalus, and New Non-Invasive Neuroimaging Methods for Improved Patient Care - 4/7/2026**

**April 7, 2026 – 7:30 AM**

### **Overall Activity Objectives:**

- 1 Diagnose and refer routine and complex surgical conditions based on up-to-date information provided by a wide variety of surgical subspecialists with diverse training.
- 2 Counsel families on expectations for complex conditions across the lifespan, including diagnoses that are made prenatally or in the newborn period.
- 3 Participate in multidisciplinary team care for complex diagnoses by serving as the primary contact for patients and families and help families remain compliant with care guidelines to optimized outcomes.
- 4 Anticipate possible complications for simple and complex procedures and make early referrals to the subspecialists who can mitigate effects of those complications.

### **Session Objectives:**

- 1 Describe the indications for surgical treatment in hydrocephalus and options for management
- 2 Describe the clinical indicators for shunt management that are currently available to clinicians, and gain familiarity with quantitative metrics that could assist in future clinical care

### **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. 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.

Successful completion of this CME activity enables the learner to earn credit toward the CME requirement(s) of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

### **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>
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Peter Chiarelli, MD, PhD	Faculty	Nothing to disclose - 10/07/2025
Kathleen van Leeuwen, MD	Activity Director	Nothing to disclose - 11/19/2025



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