



# Pediatric GRAND ROUNDS

Your Home for Premium Pediatric Education



October 2018

National Dental Hygiene Month | [facebook.com/pediatriceducationpracticeandresearch](https://facebook.com/pediatriceducationpracticeandresearch)

October 2018				
M	T	W	Th	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26

### 2018 Education offerings

**Fetal Imaging Conference**  
September 28–29  
[primarychildrens.org/fetalimaging](http://primarychildrens.org/fetalimaging)

**Issues in Pediatric Care Conference**  
October 4–5  
[primarychildrens.org/issues](http://primarychildrens.org/issues)

**Pediatric Neuroscience Symposium**  
November 2, 2018  
[primarychildrens.org/neurosymposium](http://primarychildrens.org/neurosymposium)



**Accreditation:** 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 Primary Children’s Hospital and the Department of Pediatrics at the University of Utah School of Medicine. Primary Children’s Hospital is accredited by the ACCME to provide continuing medical education for physicians.

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**AMA Credit:** “Primary Children’s Hospital designates this live educational activity for a maximum of 1 AMA PRA Category 1 Credit(s)™.” Physicians should claim only the credit commensurate with the extent of their participation in the activity.



“Primary Children’s Hospital is an approved provider of continuing nursing education by the Western Multi-State Division, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.” Arizona, Idaho, and Utah Nurses Associations are members of the Western Multi-State Division of the American Nurses Association.

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Pediatric Ground Rounds is jointly provided by Primary Children’s Hospital and the Department of Pediatrics at the University of Utah School of Medicine.

This continuing education activity offers 1 nursing contact hour.

Successful completion is attendance at entire event.

Any display or use of any commercial product in this education activity does not imply ANCC commission on accreditation or WMSD endorsement of the products.

### Oct. 4 The future of cellular therapy for metabolic disorders



**Paul Orchard, MD**  
Medical Director, Inherited Metabolic & Storage Disease Bone Marrow Transplantation Program  
Professor, Division of Pediatric Blood and Marrow Transplantation, Department of Pediatrics, University of Minnesota School of Medicine

**Objectives:**

- Explain the background for the use of allogeneic transplantation and gene therapy for inherited metabolic disorders
- Discuss the limitations of current therapy and potential new approaches

### Oct. 11 Epidemiology and common challenges/practices in pediatric dentistry and oral health care



**Hans C. Reinemer, DMD, MS**  
Pediatric Dental Residency Program Director, Primary Children’s Hospital  
Section Head of Pediatric Dentistry, University of Utah School of Dentistry

**Objectives:**

- Explore the epidemiology of dental caries
- Outline current challenges in pediatric dentistry
- Appreciate the role of all healthcare providers in preventive care
- Review common and evolving practices in pediatric dentistry

### Oct. 18 BioEYES: Using zebrafish to create innovative science education for K–12 students

**H. Joseph Yost, PhD**  
Vice-Chair, Basic Science Research, Department of Pediatrics, University of Utah School of Medicine

**Judith Neugebauer, PhD**  
Program Manager and Educator  
Pediatric Research Enterprise  
University of Utah

**John D. Anderson, BA**  
Program Coordinator  
Department of Pediatrics, University of Utah School of Medicine

**Objectives:**

- Overview of community educational outreach by the Department of Pediatrics to enhance the pipeline of physicians and biomedical scientists
- Review zebrafish as a model system
- Discuss the BioEYES program and how zebrafish are used to address identified gaps in science teaching and learning
- Evaluate current data showing the impact BioEYES has on students



### Oct. 25 Brain creatine deficiency: Why newborn screening is important



**Nicola Longo, MD, PhD**  
Professor and Chief, Division of Medical Genetics, Department of Pediatrics  
University of Utah School of Medicine

**Objectives:**

- Identify disorders caused by defective synthesis or transport of creatine
- Describe the current treatment of brain creatine deficiency syndromes
- Outline how some of these disorders could greatly benefit from inclusion in neonatal screening programs



**Heidi Wallis**  
Vice President, Association for Creatine Deficiencies



**Marzia Pasquali, PhD**  
Professor, Department of Pathology, University of Utah School of Medicine  
University of Utah School of Medicine/ARUP Laboratories