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Stanford University Department of Urology Presents
Stanford Urology Grand Rounds and Uroradiology Care Conference

Topic of the Month: Pediatric Obstruction

Faculty of the Month: Kunj Sheth, MD

Course Director: Harcharan Gill, MD

Tuesday, September 1, 2020

<https://stanford.zoom.us/j/99715192476?pwd=SIJMdUZtNUI6Q1k0bUpya0xlbEVtUT09>

6:00 PM – 6:15 PM: Case Conference

Jessie Ge, MD

6:20 PM – 6:35 PM: Research Presentation

James Brooks, MD

What biomarkers of obstructive nephropathy can teach us about renal damage

6:40 PM – 7:10 PM: Resident Presentation

Kyla Velaer, MD

Pediatric UPJ Obstruction

7:15 PM – 8:00 PM:

Yair Blumenfeld, MD

Prenatal Diagnosis and Management of In-utero Renal Failure

Kunj Sheth, MD

Postnatal management and outcomes of lower urinary tract obstruction (LUTO)

Global Learning Objectives:

- Develop strategies to apply emerging research and best practice guidelines in the diagnosis and management of adult and pediatric urology patients
- Evaluate the management details for patients and incorporate strategies to improve outcomes

Session Objective(s):

James Brooks:

1. To understand contemporary methods for discovery of biomarkers for kidney damage
2. Recognize that a single protein, that serves as a biomarker, can have a critical role in protecting the kidney
3. Acute damage to the kidney by obstruction or poor perfusion is mediated in part by reactive oxygen

Kyla Velaer:

1. Explain pediatric UPJ obstruction and impact on the developing kidney
2. Examine the current treatment approach to pediatric UPJ obstruction
3. Evaluate new approaches in identifying clinically significant UPJ obstructions
4. Summarize surgical outcomes in pediatric UPJ obstructions

Yair Blumenfeld:

1. Describe etiologies of in-utero renal failure
2. Describe implications of in-utero renal failure
3. Describe appropriate indications for and candidates of fetal therapy in cases of in-utero renal failure

Kunj Sheth:

1. Describe the etiologies of lower urinary tract obstruction
2. Describe the treatment strategies for lower urinary tract obstruction
3. Describe long-term outcomes in lower urinary tract obstruction

Accreditation

The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation

The Stanford University School of Medicine designates this live activity for a maximum of 2.00 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Cultural and Linguistic Competency

California Assembly Bill 1195 requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. The planners and speakers of this CME activity have been encouraged to address cultural issues relevant to their topic area. The Stanford University School of Medicine Multicultural Health Portal also contains many useful cultural and linguistic competency tools including culture guides, language access information and pertinent state and federal laws. You are encouraged to visit the portal: <http://lane.stanford.edu/portals/cultural.html>