

### “Anesthetic Neurotoxicity in Pediatrics”

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**Wednesday, January 8, 2020**

12-1 p.m.

The Saban Research Building Auditorium  
4661 Sunset Blvd., Los Angeles, CA 90027

Lunch will be provided to seminar guests,  
first come, first served.

**Help us save plastic! Bring your own water bottles.  
Water will be available to fill your bottles.**

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The focus of this talk is to briefly review the evidence of anesthetic neurotoxicity in young animals and discuss a few possible mechanisms. Then, I will discuss briefly the available clinical evidence of anesthesia induced neurotoxicity in humans and the findings of the GAS trial. Finally, I discuss other important anesthetic management techniques such as maintaining blood pressure, normocapnia, normoxia, euglycemia, normothermia and neutral positioning to improve the neurocognitive outcomes of at-risk children.

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**Hosted by Barry Markovitz, MD, MPH**

Chair, Anesthesiology Critical Care Medicine  
Children's Hospital Los Angeles  
Professor of Clinical Pediatrics and Anesthesiology  
USC Keck School of Medicine