

## Inova Children's Grand Rounds

# Procalcitonin in Pediatrics

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Pediatric Hospital Medicine

**Location: MS Teams**

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**November 21, 2025**

**Target audience:** Who is this for? Pediatricians, nurse practitioners, physician assistants, residents, medical Students

**12:30-1:30 p.m.**

**Learning objectives:**

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- Review the pathophysiology and kinetics of procalcitonin production and compare its utility to other biomarkers.
- Demonstrate the clinical applications of procalcitonin including: lower respiratory tract infections, febrile infants, sepsis severity.
- Consider the role of procalcitonin in antimicrobial stewardship and other clinical practice pathways/guidelines

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