

# EPIQ GRAND ROUNDS

## Session 24

WEDNESDAY JANUARY 29th, 2025

### Strategies for Success: Antimicrobial Stewardship in the NICU

#### Objectives:

- Describe contemporary epidemiology (incidence, microbiology, outcomes) of bacterial infections in extremely low gestational age neonates (ELGANs)
- Understand current approaches to infection risk assessment in ELGANs
- Identify appropriate empiric antibiotic recommendations and understand the growing threat of neonatal antibiotic resistance

*Presented by:*

### Dr. Dustin Flannery and Dr. Vanessa Paquette



#### Presented by Dr. Dustin Flannery: Opportunities for Antibiotic Stewardship in Extremely Low Gestational Age Neonates

Dr. Dustin Daniel Flannery, DO, MSCE, is an attending neonatologist at the Children's Hospital of Philadelphia (CHOP) and CHOP Newborn Care at Pennsylvania Hospital, an Assistant Professor of Pediatrics at the University of Pennsylvania Perelman School of Medicine, and a core faculty member in CHOP Clinical Futures. In addition to caring for critically ill newborns and their families, Dr. Flannery is a clinical epidemiologist. He uses a variety of data sources to study perinatal infection epidemiology, with a focus on early-onset sepsis, and neonatal pharmacoepidemiology, with an emphasis on antimicrobial stewardship. Dr. Flannery actively participates in medical education. He is the Director of Pediatric Trainee Education at Pennsylvania Hospital and is the PSOM clerkship director for the well nursery and intensive care nursery elective rotations.



#### Presented by Vanessa Paquette: The Ins and Outs of Setting up a NICU Antimicrobial Stewardship Program

Vanessa Paquette is the Clinical Pharmacy Specialist in Antimicrobial Stewardship at BC Women's Hospital in Vancouver and a Clinical Instructor with the Faculty of Pharmaceutical Sciences at the University of British Columbia. She received her Bachelor of Science in Pharmacy at the University of British Columbia, completed her pharmacy residency at BC Children's Hospital and then completed her Doctor of Pharmacy Degree from the University of British Columbia. Vanessa is the pharmacy lead for the BC Women's Hospital Antimicrobial Stewardship Program focusing on education and research to optimize antimicrobial use in the perinatal and neonatal populations.

**Length: 1 hour**

11:30 AM PST / 12:30 PM MST / 1:30 PM CST / 2:30 PM EST / 3:30 PM AST / 4:00 PM NST

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