

# Drug-Induced Cardiac Abnormalities in Premature Infants and Neonates



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# Specialty Pediatric Populations



# Objective

- Assessment of medications that can cause cardiac abnormalities in premature infants and neonates
- Differences in the physiology of premature infants and neonates that make them more susceptible to drug-induced cardiac events
- Pharmacological mechanisms of action of common cardiac toxicities

# Objectives

- Pharmacological animal models of cardiovascular drug effects in premature infants and neonates
- Common congenital conditions which can exacerbate drug-induced cardiac adverse events
- Assessments of alternate treatments which can minimize cardiac adverse events.