

Neonatal Sepsis



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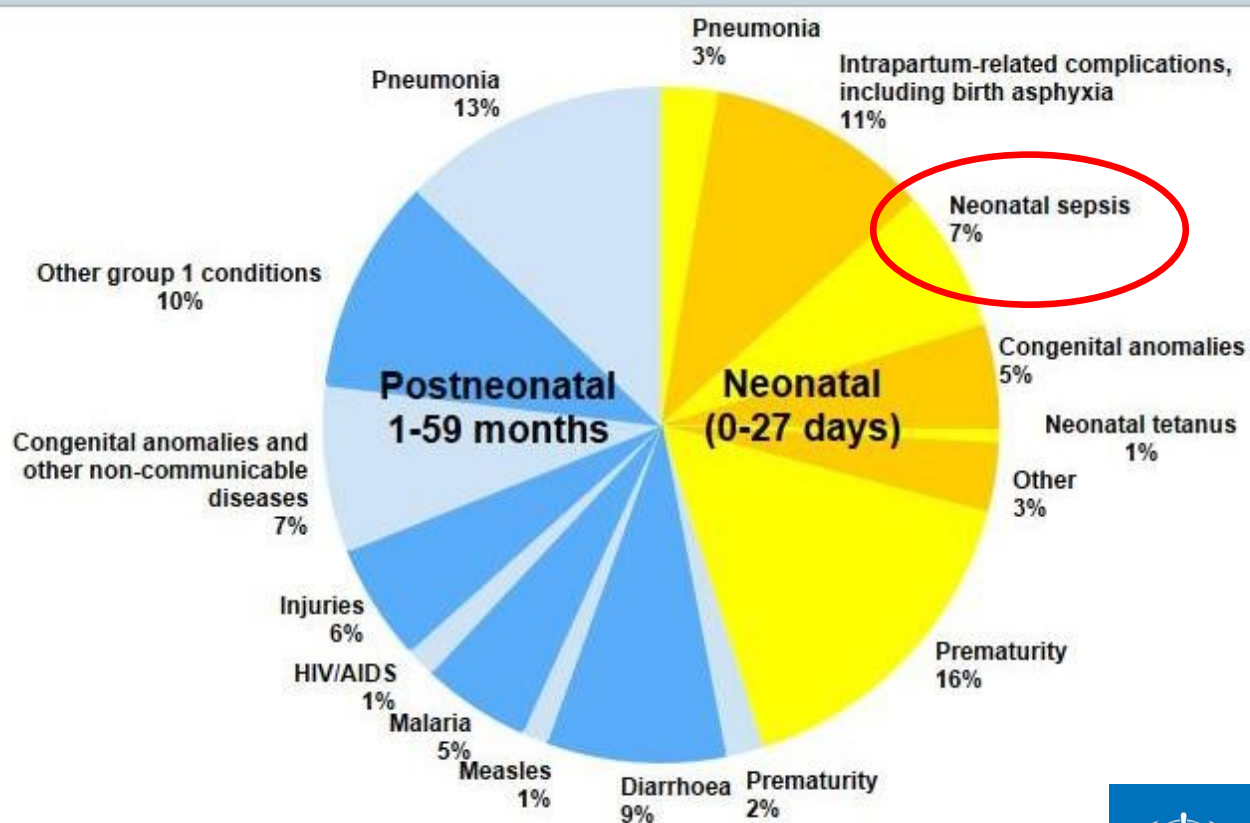
- In 2015, 2.7 million neonates died. (45% of all under-five deaths)

WHO target: Sustainable Development Goals (SDGs)

- To end preventable deaths of newborns and children under 5 years of age



Causes of Deaths Among Children <5 year, 2015



Neonatal sepsis

- **Early-onset sepsis (EOS):** onset at <7 days of age, some experts limit the definition to infections occurring within the first 72 hr of life.
- **Late-onset sepsis (LOS):** onset at ≥ 7 days of age. Variability in its definition, ranging from onset at >72 hr to ≥ 7 days of age.

Neonatal sepsis

- **In the U.S., 2006-2009**
 - The overall incidence of neonatal sepsis: 1-5 cases/1,000 live births
 - The incidence of EOS: 0.98 cases/1,000 live births.
- **In Thailand, 2009**
 - The incidence of EOS: 0.57 cases/1,000 live births
 - The incidence of LOS: 3.87 cases/1,000 live births

Stoll BJ, et al. Pediatrics 2011;127(5):817-26

Al-Taiar A, et al. Arch Dis Child Fetal Neonatal Ed 2013;98(3):F249-55