

Intrapartum Therapeutics

Objectives

- Discuss the use of antibiotic prophylaxis and treatment in the intrapartum setting

- Review the use of antenatal steroids and tocolytics in pregnancy with emphasis in the intrapartum period

- Summarize the physiology, pharmacologic action and clinical application of oxytocin use for labor augmentation and induction

Content Outline

1. Antibiotic Use in Labor
 - A. Group B Streptococcus prophylaxis
 - B. Preterm prelabor rupture of membranes latency
 - C. Operative delivery
 - D. Current guidelines and evidence

2. Antenatal Steroids and Tocolytic Uses in Pregnancy
 - A. Antenatal steroids
 1. Physiology
 2. Choice of medication and effects
 - B. Current recommendations
 1. Special populations
 2. Administration guidelines

3. Intrapartum Tocolytics
 - A. Clinical uses
 - B. Type of medications

4. Oxytocin Use in Labor Management
 - A. Physiology
 - B. Pharmacology
 - C. Clinical application

Reading Material Resources

Module WB2608: Intrapartum Therapeutics is based on the resource listed below. A copy of the resource is included with the module.

Antibiotics in Labor and Delivery, Izewski, et al., *Obstetrics and Gynecology of Clinics of North America*, 50 (2023), 137-150

Antenatal Steroids and Tocolytics in Pregnancy, Pinson, et al., *Obstetrics and Gynecology Clinics of North America*, 50 (2023), 109-119

Oxytocin: Physiology, pharmacology, and clinical application for labor management, Hermes, et al., *American Journal of Obstetrics and Gynecology*, Articles in Press, 2023, 1-11