

Objectives

- Discuss adverse events that occur with the misuse of oxytocin
- Describe strategies for minimizing the risk of patient harm during oxytocin administration
- Review the physiology of the second-stage of labor
- Outline the management of facilitating and how to address problems that occur with spontaneous bearing down
- Compare and contrast normal labor with latent and active phase disorders
- Summarize identification and management of second stage abnormalities
- Identify how miscommunication, silo approach to perinatal care and system failure can lead to medical errors
- Explain the use of strategies to develop uniformity of perinatal care within the context of a multidisciplinary model

Content Outline

1. Oxytocin As a High Alert Medication
 - 1.1 Type of errors and their adverse effect
 - 1.2 Strategies for minimizing risks with oxytocin administration
 - 1.2.1 Methods to identify errors
 - 1.2.2 Methods to mitigate harm
2. Second-Stage Labor Care
 - 2.1 Physiology of second-stage labor
 - 2.2 Nursing management
 - 2.2.1 Assessment and promotion of fetal descent
 - 2.2.2 Nursing support of spontaneous pushing efforts
 - 2.3 Problems
 - 2.3.1 Premature or failure for the urge to push
 - 2.3.2 Non-reassuring fetal heart tracings
 - 2.3.3 Interventions
3. Cesarean Delivery for Abnormal Labor
 - 3.1 Active phase disorders
 - 3.2 Latent phase disorders
 - 3.3 Second-stage disorders
4. Multidisciplinary Team Approach in Labor and Delivery
 - 4.1 Prevention of Errors
 - 4.1.1 Miscommunication

Reading Material Resources

This self assessment module is based on the resources listed below. A copy of each article is included with the module.

“Oxytocin as a High-Alert Medication: Implications for Perinatal Patient Safety”, Simpson, PhD, Kathleen Rice, et al., Maternal Child Nursing, Volume 34, No. 1, January/February 2009, pp. 8-15

“Second-Stage Labor Care: Challenges in Spontaneous Bearing Down”, Hanson, Lisa, Journal of Perinatal Neonatal Nursing, Volume 23, No. 1, 2009, pp. 31-39

“Cesarean Delivery for Abnormal Labor”, Mancuso, MD, Melissa s., et al., Clinical Perinatology, No. 35 (2008) pp. 479-490

“Multidisciplinary Teamwork Approach in Labor and Delivery and Electronic Fetal Monitoring Education”, Collins, Dawn E., Journal of Perinatal Neonatology Nursing, Volume 22, No. 2, pp. 125-132