

Objectives

- Identify effects of antiepileptic drugs on the fetus and newborn
- Review actions to take when a postpartum woman experiences an epileptic seizure
- Summarize study results on using transdermal estradiol for treatment of postpartum depression
- List the side effects and risks of transdermal estradiol
- Describe the relationship between induction of labor and postpartum hemorrhage
- Discuss the treatment of postpartum hemorrhage
- Explain types of genitourinary changes that occur during the postpartum period

Content Outline

1. Epilepsy in the Postpartum Woman
 - 1.1. Risks and complications
 - 1.2. Use of antiepileptic drugs
 - Effects on fetus
 - Effects on newborn
 - 1.3. Lactation issues
 - 1.4. Management of postpartum epileptic seizures
2. Transdermal Estradiol for Postpartum Depression
 - 2.1. Summary of research study results
 - 2.2. Selection criteria for use of transdermal estradiol for postpartum depression
 - 2.3. Side effects and risks of transdermal estradiol use in the postpartum woman
 - 2.4. Adjunct therapies
3. Early Postpartum Hemorrhage After Induction of Labor
 - 3.1. Early postpartum hemorrhage
 - 3.2. Treatment of postpartum hemorrhage
4. Postpartum Genitourinary Changes
 - 4.1. Genital tract trauma
 - 4.2. Denervation injury
 - 4.3. Pelvic floor injury
 - 4.4. Urinary incontinence
 - 4.5. Obstetric fistula
 - 4.6. Operative injuries
 - 4.7. Urinary retention
 - 4.8. Anal incontinence
 - 4.9. Pelvic organ prolapse

Reading Material Resources

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

“Meeting the Needs of the Postpartum Woman With Epilepsy”, Rousseau, Jennifer B., Maternal and Child Health, Volume 33, No. 2, March/April 2008, pp. 84-89

“Transdermal Estradiol for Postpartum Depression: A Promising Treatment Option”, Moses-Kolko, MD, Eydie I., et al., Clinical Obstetrics and Gynecology, Volume 52, No. 3, September 2009, pp. 516-529

“Early Postpartum Hemorrhage After Induction of Labor”, Schott, Katherine, et al., Journal of Midwifery and Women's Health, Volume 53, No. 5, September/October 2008, pp. 461-466

“Postpartum Genitourinary Changes”, Rogers, MD, Rebecca G., et al., Urologic Clinics of North America, No. 34, 2007, pp. 13-21