Module WB1817

Perinatal Aspects of Cannabis Use

Objectives

- Discuss the use of cannabis as a drug including the various routes of ingestion, the current legal status within the United States and the incidence and prevalence of use in pregnant women.

- Summarize the available evidence regarding the effects of perinatal cannabis use on the mother, fetus, infant and developing child with specific review of the concerns and recommendations for breastfeeding in situations of maternal cannabis use.

- Identify and outline the three predominant prospective, longitudinal human studies presented with focus on cannabis use in pregnancy and relate the findings including behavior and cognitive development outcomes as well as confounding factors in each study.

- Describe future needs for research focus on the topic of cannabis use in pregnancy and state the benefits of preclinical studies in providing validation of findings in humans.

Content Outline

1. Cannabis as a Drug
   1.1 Forms for ingestion
   1.2 Physical & psychological effects
   1.3 Incidence and prevalence of use in pregnancy
   1.4 Legalization in the United States
   1.5 Provider approaches to illicit substance use in pregnant women
      1.5.1 Methods of screening

2. Maternal, Fetal and Neonatal Effects
   2.1 Placental & breast milk transfer
   2.2 Maternal effects impacting pregnancy & birth
   2.3 Effects of use on fetal & neonatal outcomes

3. Design and Outcome Findings of Major Prospective, Longitudinal Studies
   3.1 Maternal Health Practices and Child Development Study (MHPCD)
   3.2 Ottawa Prenatal Protective Study (OPPS)
   3.3 Generation R Study

4. Future Research Recommendations

Reading Material Resources

Module WB1817: Perinatal Aspects of Cannabis Use is based on the resources listed below. A copy of the resources are included with the module.

