Special Aspects of Perinatal & Pediatric Pharmacology

Content Outline

1. Drug Therapy in Pregnancy
   1.1 Pharmacokinetics
      1.1.1 Lipid solubility
      1.1.2 Molecular size
      1.1.3 Placental transporters
      1.1.4 Protein binding
      1.1.5 Placental and fetal drug metabolism
   1.2 Pharmacodynamics
      1.2.1 Maternal drug actions
      1.2.2 Therapeutic drug actions in the fetus
      1.2.3 Predictable toxic drug action in the fetus
      1.2.4 Teratogenic drug actions

2. Drug Therapy in Infants and Children
   2.1 Drug absorption
      2.1.1 Blood flow at administration site
      2.1.2 Gastrointestinal function
   2.2 Drug distribution
   2.3 Drug metabolism
   2.4 Drug excretion
   2.5 Pediatric dosage and compliance
   2.6 Adverse effects of drugs on infants and children
      2.6.1 FDA teratogenic risk categories

3. Drug Use During Lactation

Reading Material Resources

This self assessment module is based on the resources listed below.

Access from the Lippincott Williams and Wilkins publisher site OVID. Login information available at the online testing center once module is purchased.