Montana State University-Bozeman
College of Nursing
Master Resource Outline

N518 Pharmacotherapeutics for Infants, Children, and Adults of Childbearing Age
Semester Offered: Spring
Credits: 1 lecture
Prerequisites: N517 or consent of instructor

Course Description: Addresses pharmacological intervention in managing common health care problems of child bearing families. Students will apply knowledge of medication management of commonly encountered pediatric and women’s health care concerns.

Course Objectives:

1. Discuss pharmacokinetic, physiological, and developmental factors that alter/predict drug actions in infants, children, and women of childbearing age.

2. Demonstrate skills consistent with advanced practice roles when managing pharmacological interventions for common pediatric health care problems.

3. Discuss appropriate pharmacological management for enhancing the contraceptive and family planning health of clients.

4. Discuss commonly encountered adverse drug reactions and their appropriate management for infants, children, and women of childbearing age.

5. Discuss potential interactions of prescribed medications with commonly used complementary alternative medicine (CAM) and over-the-counter (OTC) drugs used by childbearing, childrearing families.

6. Apply principles of client education regarding pharmacotherapy for infants, children, and families.

7. Apply legal and ethical principles inherent in the pharmacological interventions with infants, children, and families.

Suggested Content:

Pediatrics
Immunizations
Asthma
Allergic Rhinitis
URI
Opthal/Otic/Sinutis/AOM
Lower Respiratory Tract Infection
UTI
STD’s
Thyroid
Diabetes
Contraception / PMS
ADHD
Medications & Pregnancy/OTC
Antiseizure medications
Anemia
Dermatology (acne, scabies, lice, warts, poison ivy, impetigo, diaper rash)
Psychotropic drug therapy
Diet drugs
Sexual enhancement drugs
Drugs that enhance athletic performance
Hormone Replacement Therapy

Approved and modified by GAAC: April, 2003; November, 2005
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