Last-Chance Ambulatory Care Pharmacy Review Webinar – Biostatistics and Obstetrics/Gynecology

Learning Objectives

**Biostatistics**
Kevin M. Sowinski, Pharm.D., FCCP
Professor of Pharmacy Practice, Purdue University College of Pharmacy
Adjunct Professor of Medicine, Indiana University School of Medicine
Indianapolis, Indiana

By the end of this presentation, participants should be able to:
1. For statistical tests commonly encountered in the pharmacotherapy literature, specify their appropriate application and interpretation.
2. Differentiate observational and controlled trial designs based upon their strengths and weaknesses.
3. Detect common hazards in presenting and interpreting the statistical results of various trial types.

**Obstetrics/Gynecology**
Alicia B. Forinash, Pharm.D., BCPS, BCACP
Associate Professor of Pharmacy Practice
Clinical Associate Professor, School of Pharmacy
St. Louis College of Pharmacy
St. Louis, Missouri

By the end of this presentation, participants should be able to:
1. Recommend appropriate therapy for contraception, emergency contraception, infertility, and postmenopausal therapy.
2. Apply appropriate therapy for drug therapy during pregnancy.
3. Formulate a plan to educate patients and health care professionals about medication use during pregnancy and lactation.
Last-Chance Ambulatory Care Pharmacy Review Webinar – Psychiatric Disorders and Infectious Diseases

Learning Objectives

**Psychiatric Disorders**
Carol A. Ott, Pharm.D., BCPP
*Clinical Associate Professor of Pharmacy Practice, College of Pharmacy, Purdue University*
*Clinical Pharmacy Specialist in Psychiatry, Wishard Health Services and Midtown Community Mental Health Indianapolis, Indiana*

By the end of this presentation, participants should be able to:

1. Recommend appropriate drug and complementary therapy for mood disorders, anxiety disorders, schizophrenia, and sleep disorders.
2. Summarize significant drug interactions and side effects that can affect recommendations for initial and maintenance drug therapy for psychiatric disorders.
3. Differentiate medications used for psychiatric disorders, focusing on target doses and expected outcomes for drug therapy.
4. Apply the importance of the therapeutic alliance with the psychiatric patient and provide appropriate patient education regarding drug therapy.

**Infectious Diseases**
Elizabeth A. Coyle, Pharm.D., BCPS
*Clinical Associate Professor of Infectious Diseases University of Houston College of Pharmacy; Adjunct Assistant Professor Department of Infectious Diseases, Infection Control and Employee Health, and Director of the Infectious Diseases Pharmacy Residency at the University of Texas M.D. Anderson Cancer Center Houston, Texas*

1. Using evidence based guidelines, develop appropriate treatment regimens, pharmacologic and non-pharmacologic, for various patient populations with urinary tract infections, community-acquired pneumonia, upper respiratory tract infections, otitis media, skin and soft tissue infections, and sexually transmitted diseases.
2. Specify risk factors and clinical circumstances in which antimicrobial resistance is a risk, and appropriately design antimicrobial regimens to treat resistant infections and prevent future resistance development.
3. Apply patient and clinical factors to design antimicrobial regimens that are appropriate, increase compliance and are cost-effective for the patient.