**CONTRACEPTION**

**WOMEN’S HEALTH CURRICULUM : AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY AND FOOD AND DRUG ADMINISTRATION**

**SPRING 2015**

**ANTICIPATED TIME DURATION FOR THIS MODULE: 2-4 hours**

**OBJECTIVES (4-5 per hour):**

* Identify patient factors that affect eligibility for a specific contraception method.
* Gather appropriate patient information necessary to aid in the selection of an appropriate contraceptive agent.
* Compare and contrast each method of contraception, including the MOA, indications, administration, reversibility, side effects, and contraindications.
* Describe different dosing regimens for contraceptive agents.
* Identify estrogenic and progestational side effects of combined contraceptives and how to manage those side effects.
* Identify potential drug-drug interactions with contraceptives and describe the management.
* Given a patient case, design a contraception plan that is most appropriate.
* Given a patient case, identify the drug therapy problem and recommend management.
* Counsel patients on proper use of various contraceptives, side effects (including “ACHES” and “PAINS”), and how to manage missed doses.
* Describe methods of emergency contraception (EC).
* Describe when EC should be recommended and be able to counsel patients regarding the proper use of oral EC.

**ACTIVE LEARNING:**

* Patient cases and case vignettes (examples on the website)
* Role play for counseling and/or assessment (example on website)
* IPPE counseling opportunity (available on webstie)
* Write SOAP notes based on written cases or patient interactions
* Turning point slides – audience response devices used throughout lecture
* Small group work - Cases with multiple correct answers to have students work in small teams to defend their choices
* True/False Questions
* Faculty member acts as a patient and has class assess him/her for appropriate contraceptive agent
* Self-assessment questions pre- and post- lecture
* Debates related to controversial topics (examples can include emergency contraception, side effects of various products, etc.)
* Journal club
* Drug information questions
* Workshop with products and cases
* Team-based learning
* Use of Stumpers/’Jeopardy-style’ game for review

**RESOURCES:**

**Contraception**

* Hatcher RA, Zieman M, Cwiak C, et al. *A Pocket Guide to Managing Contraception.* Tiger, Georgia: Bridging the Gap, 2010. <http://www.managingcontraception.com/>
* Association of reproductive health professionals. [www.arhp.org](http://www.arhp.org)
* Dickey, R. *Managing Contraceptive Pill Patients.* Fort Collins, CO: Emis Publishers, 2014.
* ACOG practice bulletin. No. 73: Use of hormonal contraception in women with coexisting medical conditions. [Obstet Gynecol.](http://www.ncbi.nlm.nih.gov/pubmed/16738183) 2006 Jun;107(6):1453-72.
* Hatcher RA, Trussell J, Nelson A, et al. Contraceptive Technology, 20th ed. New York: Ardent Media, 2011.
* Alan Guttmacher Institute. <http://www.guttmacher.org/sections/contraception.php>
* U.S. Medical Eligibility Criteria for Contraceptive Use, 2010 Adopted from the World Health Organization Medical Eligibility Criteria for Contraceptive Use, 4th edition. MMWR. 2010;59(RR04):1–85.
* U.S. Selected Practice Recommendations for Contraceptive Use, 2013: Adapted from the World Health Organization Selected Practice Recommendations for Contraceptive Use, 2nd Edition. MMWR 2013; 62(RR05);1-46.
* ACOG Practice Bulletin. No. 121: Long-acting reversible contraception: implants and intrauterine devices. Obstet Gynecol 2011;118:184–96.

**Emergency Contraception**

* International Consortium for Emergency Contraception. <http://www.cecinfo.org/>
* Not-2-late.com. <http://ec.princeton.edu/>
* Trussell J, Raymond EG, Cleland K. Emergency Contraception: A Last Chance to Prevent Pregnancy. May 2014 Found at: http://ec.princeton.edu/questions/ec-review.pdf
* ACOG Practice Bulletin No. 112: Emergency contraception. Obstet Gynecol. 2010 May;115(5):1100-9. doi: 10.1097/AOG.0b013e3181deff2a.
* ACOG Practice Bulletin. No. 542: Access to emergency contraception. Committee Opinion. Obstet Gynecol 2012;120:1250–3.

**POTENTIAL ASSESSMENTS:**

* Written Exams
	+ Multiple Choice Questions
	+ Short answer questions
	+ Case assessment with contraception selection or adjustment
* SOAP note writing
* Oral exam assessing a case (rubric on website)
* Oral exam counseling a patient (rubric on website)
* Reflection assignment (beliefs, controversial topics, etc.)