

Hormonal contraception & drug interactions

Alison Edelman, MD, MPH Professor, Dept. OB/GYN Director, Family Planning Fellowship Associate Scientist, Oregon National Primate Research Center

Disclosures

Name	Type of reimbursement	Role	Date
Up to Date, Inc	Yearly Royalties received	Author	Ongoing
Genzyme	Hourly rate payment	Consultant	One time consultant 2/2013
Agile Pharmacueticals	Honoraruim	Advisory Board	One time participant 4/2012
Merck	Honoraruim	Trainer	Ongoing
NIH grant funding	Grant support	Co-I	Ongoing
Gates funding	Grant support	Co-I	Completed 1/2015
Society for Family	Grant support	PI	Grant support ongoing
Planning	Honorarium	Author	One time honorarium (3/2013)
CDC	Travel reimbursement	Technical expert	3/2013, 2015 (ongoing)
ACOG	Honorarium received one-time (2012). Reimbursement for 3 meetings per year	Member of Scientific Committee (2011-2014)	Role completed in 2014
Projects in Knowledge	Honorarium	CME faculty	Role completed in 2013
Contemporary Forums	Honorarium and travel reimbursement	CME Faculty. Meeting occurs annually.	Ongoing
Gynuity	honoararium	One time consultant 2/2013	Completed 2/2013
WHO	Travel reimbursement	Member of the MEC steering committee (2013 to present)	Ongoing





Edelman piktochart; Guttmacher 2015

Contraceptive steroid hormones





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VTE risk is related to estrogen dose Combined OC users



Rate with 50 mcg EE referenced to 1.0



Efficacy x adherence x continuation Fecundability x coital frequency

Threshold for contraceptive efficacy





Prescription drug use

	2009-2012 All female persons Rx drug use in past 30 days	
	At least 1 Rx	3 or more Rx
Under 18	23.8%	3.1%
18-44	46.4%	11.8%



EADING CAUSES OF YLDS, 1990 AND 2013, AND PERCENT CHANGE, 1990-2013

Communicable, maternal, neonatal, and nutritional diseases Non-communicable diseases Injuries



YLDs are years lived in less than ideal health. This includes conditions that may last for only a few days, as well as conditions that can last a lifetime.

Rankings are based on YLDs per 100,000, all ages, not age-standardized.

http://www.healthdata.org/united-states

Teratogenic drugs

- Isotretinoin
- Warfarin
- Ace Inhibitors
- SSRIs (?)
- Anti-seizure
- Antibiotics







Drug Development





Clinical guidance





Contraceptive research at OHSU Bench to Bedside

- Basic & Translational Research- ONPRC
 - NICHD U54 Contraceptive Development Research Center
 - Established in 2007
 - Oregon Permanent Contraception Research Center (OPERM)
 - Established 2015
 - Gates funded
- Clinical Trials- OHSU
 - NICHD Contraception Clinical Trial Network Research Site
 - Established in 2003
 - Family Planning Fellowship site
 - Established 2001
 - Foundation/Industry-sponsored clinical research

OREGON NATIONAL PRIMATE RESEARCH CENTER

Division of Reproductive and Developmental Sciences





Women's Health Research Unit





- What types of dr with hormonal cc
- When in develop
- How should this
- What level and ty
- What are the reg
- How should this package labeling



sted for interactions

testing occur?

ned?

should be tolerated?

ons

Inslated in the Jance?

 How can we foster ongoing contraceptive development?
Source: http://www.clipartpanda.com/categories/question-mark-clip-art



