LARC Promotion; Public Health Imperative or Coercion?

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Objectives

- Define shared decision making
- Identify tension and balance in the interplay between population level and individual goals
- Describe reproductive coercion

history

nonconsensual sterilizations
Norplant

1907-1979

- 60,000 nonconsensual sterilizations on patients in state-run homes and hospitals
- 20,000 in California
- "feeblemindedness" "perversion and marked departure from normal mentality"

1907-1979

- Initially motivated by eugenics. Part of a wave of Progressive Era public health activism that encompassed pure food, vaccination, and occupational safety acts
- Driven by the desire to "apply science to social problems"
- Later motivated by population control and as punishment

1920's-1950's

A notable percentage typed as:

- Promiscuous
- Nymphomaniac
- Having borne a child out of wedlock
- Immoral, loose, or unfit for motherhood
- Mostly working class

1950's-mid 1960's

- More in Southern states
- Aimed at poor women and African American women
- Punishment for bearing illegitimate children
- Extortion to ensure ongoing receipt of family assistance



Mid 1960's-mid 1970's

- Federal funding for reproductive surgeries
- Poor women
- African American, Puerto Rican, and Native American women
- Working-class Mexican-origin women (after c-sections in MADRIGAL V QUILLIGAN)
- "fecund female immigrants were worsening an already severe overpopulation problem"



- Nearly ½ of MDs in a 1972 study supported compulsory sterilization of welfare recipients
- Many white, middle-class women desiring sterilization could not get it
- ACOG criteria: a woman's age multiplied by parity must equal 120 in order to get sterilization
- One woman said, "Just like women who are sterilized without their consent, we're treated as objects of population policy"

Norplant as an instrument of social engineering

13 states proposed (multiple) bills designed to:

- Make welfare payments contingent on Norplant use
- Entice women on welfare to use Norplant through financial incentives
- No state legislature enacted a bill into law

Norplant as an instrument of social engineering

- Several women (at least 4) convicted of child abuse had Norplant inserted as a condition of probation.
- Making Norplant insertion a requirement of probation was made illegal in some states, and in California a judge faced formal disciplinary charges.



2000 low-income women choosing a new contraceptive method interviewed

- Did they feel any pressure from a health care provider to use Norplant?
- 3 out of 2000 said yes:
 - 1 who was choosing sterilization
 - 2 who reported that they had to return to the clinic a number of times to obtain Norplant



2000 low-income women choosing a new contraceptive method interviewed

Why did they choose Norplant?

- 4 women cited provider influence as a reason
- Primary determinants: convenience, effectiveness, and duration of use
- Norplant adopters had to make more visits to the clinic and rated the process of obtaining Norplant as more difficult than that for the pill

Medicaid Policy on Norplant

- 13 Medicaid programs restricted the # of implants a woman could receive
- No Medicaid agency had provisions to cover removals for users who became ineligible for Medicaid with the implant in place
- Only 8 health departments had policies ensuring subsidized removals for such women.

Barriers to Removal Survey N=910

- 64% reported no barriers to removal
- 20% reported that a provider had tried to convince them to continue using Norplant
- 9% reported that a provider had pressured them to continue using Norplant

Barriers to Removal Survey N=910

- 11% reported that they would have to pay to have Norplant removed
- 18% reported that the cost of a removal made or would make it more difficult to get Norplant removed.

definitions

- Reproductive Health deals with service delivery
- Reproductive Rights addresses legal issues
- Reproductive Justice focuses on movement building



https://docs.google.com/document/d/1ID4cEuaV1oSAX SWdJmSi4YMs5TLCGhnomjOX0In5odU/edit We acknowledge the complex history of the provision of LARCs and seek to ensure that counseling is provided in a consistent and respectful manner that neither denies access nor coerces anyone into using a specific method.

 We commit to ensuring that people are provided comprehensive, scientifically accurate information about the full range of contraceptive options in a medically ethical and culturally competent manner in order to ensure that each person is supported in identifying the method that best meets their needs. Advocates and the medical community must balance efforts to emphasize contraception as part of a healthy sex life beyond the fear of unintended pregnancy with appropriate counseling and support for people who seek contraception for other health reasons.

• The decision to obtain a LARC should be made by each person on the basis of quality counseling that helps them identify what will work best for them. No one should be pressured into using a certain method or denied access based on limitations in health insurance for the insertion or removal of LARC devices.

 The current enthusiasm for LARCs should not distract from the ongoing need to support other policies and programs that address the full scope of healthy sexuality.

Reproductive Justice

The complete physical, mental, spiritual, political, social, and economic well-being of women and girls, based on the full achievement and protection of women's human rights.

Reproductive Justice

For Indigenous women and women of color it is important to fight equally for (1) the right to have a child; (2) the right not to have a child; and (3) the right to parent the children we have, as well as to control our birthing options, such as midwifery. We also fight for the necessary enabling conditions to realize these rights.

Stratified Reproduction

The differential valuing of reproduction such that the procreation of some people and groups is valued by those with social and political power, and the fertility of other people and groups is not.







LARC Promotion Policy

Insure full access:

- No cost for placement
- All methods/ no restrictions by length of use
- No cost for removal
- Same day placement (operationalized)
- Copper IUD as EC
- Competent counseling (reimbursement to allow for this)

LARC Promotion Training

To allow full access to:

- Providers trained in placement
- Providers trained in removal
- Primary, pediatrics, family
- Providers/staff trained in client-centered counseling
- Providers/staff trained in responding to objections and managing complications

LARC Promotion Patient Education

To insure women and men have access to:

- Know about the full range of methods
- Medically correct information
- Culturally appropriate information
- Comparative effectiveness data in understandable terms
- Accessible information



Language for LARC

"This method is good for **up to** _____ years but if you want to get pregnant before then or you would like it removed for any reason, come in, we will remove it and your ability to get pregnant will return to whatever is normal for you immediately."

Patient-centered care

"Patient-centered care is care that is respectful of and responsive to individual patient preferences, needs, and values."

- Institute of Medicine

Recognized by IOM as a dimension of quality

Associated with improved outcomes

Shared Decision Making

"Clinicians provide patients with information about all the options and help them to identify their preferences in the context of their values."

Fried (2016) N Engl J Med

Shared Decision Making in Family Planning

- Consistent with client's desires for family planning counseling
 - Focus on client's preferences
 - Provision of decision support, without pressure
- Associated with improved satisfaction with counseling and with choice of method

Counseling and Family Planning Disparities

 Providers need to be aware of both historical context and documented disparities in counseling

 Essential to ensure that providers focus on individual preferences when caring for women of color

 Shared decision making provides explicit framework for doing this, without swinging too far to other side

Family Planning

- Contraception
- Pre-conception care
- Fertility/infertility care
- Abortion

And all of the counseling that goes into each these

Population level



Population Level Goals

- Public health considerations
- Cost:benefit ratios
- Costs, risks, benefits to society or government
- Epidemiology

Individual level

Individual Level Goals

- Impact on a particular woman, man or family
- Effect on an individual from:
 - Non-contraceptive benefits of a method
 - Consequences of pregnancy
 - Side effects or complications from a method

Individual level

- Motivated by efficacy, convenience
- Use of contraception can relieve fear of pregnancy
- Use of LARC allows spontaneity
- Ovulation is associated with heighted sexual interest
- Bleeding from a method may impede sexuality

Satisfaction Mirrors Continuation

- 75-90% of users satisfied with LARC
- All populations studied report high levels of satisfaction
 - Adolescents,
 - Adults
 - All demographics
 - All SES

Diedrich, J. T. (2015). *Am J Obstet Gynecol*Rosenstock, J. R. (2012). *Obstetrics and Gynecology*Peipert, J. F. (2011). *Obstet Gynecol*Kavanaugh ML. (2013) *J Pediatr Adolesc Gynecol*

Patient beliefs

Race and trust in family planning services

 35% of Black women reported "medical and public health institutions use poor and minority people as guinea pigs to try out new birth control methods."

 Greater than 40% of Blacks and Latinas think government promotes birth control to limit minorities

 Black women more likely to prefer a method over which they have control

African American Women Report

- Having been pressured by a clinician to use contraceptives
- Undertones of coercion when their method choice differed from the provider's recommendation
- Overbearing or "pushy" counseling

Women of Color Report

 Feelings of racial discrimination and having received racially-based discrimination in counseling

 More likely to describe being discouraged from having children and to limit their childbearing than were middleclass White women



Endorse conspiracy beliefs

About

- Birth control
- Family planning programs and policies
- Safety and testing of contraceptive methods
- Black genocide

Distrust

 Tuskegee evoked by African-Americans as a metaphor for distrust in medical and pharmaceutical establishments

"They just skip all the rats and everything and just dump it in the black community and use us as guinea pigs"

Thorburn Bird, S. (2003) *J Health Psychol,* Woodsong, C.(2004). Cult Health Sex Thorburn, S. (2005). *Health Educ Behav*



Suspicion

...I surmised that physicians may have been receiving "kickbacks" for getting Medicaid patients to take contraception"

"they're trying to kill the Black race, don't inject anything into the body...red flag! Red flag for African Americans...why are they pumping this on us?"



Conspiracy Beliefs Effect On Contraception

- Conspiracy beliefs do not appear to influence whether African American women use birth control
- Among birth control users, women with stronger conspiracy beliefs are less likely to use a method that requires the involvement of a health care provider

Provider Bias

Are Women of Color Counseled Differently?

 Family planning providers have lower levels of trust in their Black patients

 Providers are more likely to agree to sterilize women of color and poor women

 Providers more likely to recommend IUDs to poor women of color than poor white women

Pregnancy intention



Pregnancy Intention

- Unplanned pregnancy
- Unintended pregnancy
- Unwanted pregnancy
- Mistimed pregnancy

Acceptability of pregnancy

PATH Questions

- 1. Do you think you would like to have (more) children some day?
- 2. When do you think that might be?
- 3. How important is it to you to prevent pregnancy (until then)?

Intention ≠ Acceptability

 When preconception intention and planning do not occur, decisions about the acceptability of a pregnancy are made once the pregnancy occurs

 Many women express happiness with a pregnancy, regardless of their intention

Planning

Pregnancy planning, distinct from pregnancy intention, was described as a very deliberate act in which both partners discuss and reach consensus about the timing of pregnancy and then take steps to prepare for a potential pregnancy, including "getting your finances in order."

Planning

"Because nearly all of the women in our study had strong feelings about the ideal circumstances (specifically, being in a committed relationship and financially stable) in which one should plan a pregnancy, yet few, if any, women actually achieved either relationship or financial stability, pregnancy planning seemed irrelevant and rarely occurred."

Let's Give Poor Women A Real Choice On Family Planning

"Just as being unable to afford birth control means you don't have a genuine choice on contraception, being unable to afford a child means you don't have a genuine choice to start a family."

- Anderson, N., Steinauer, J., Valente, T., Koblentz, J., & Dehlendorf, C. (2014). Women's social communication about IUDs: a qualitative analysis. *Perspect Sex Reprod Health*, 46(3), 141-148.
- Becker, D., Koenig, M. A., Kim, Y. M., Cardona, K., & Sonenstein, F. L. (2007). The quality of family planning services in the United States: findings from a literature review. *Perspect Sex Reprod Health*, 39(4), 206-215.
- Becker D, Tsui AO. (2008) Reproductive health service pBibliography & References and perceptions of quality among low-income women: racial, ethnic and language group differences. *Perspect Sex Reprod Health*, 40, 202-11.
- Benson, L. S., Perrucci, A., Drey, E. A., & Steinauer, J. E. (2012). Effect of shared contraceptive experiences on IUD use at an urban abortion clinic. *Contraception*, 85(2), 198-203.
- Biggs, M. A., Arons, A., Turner, R., & Brindis, C. D. (2013). Same-day LARC insertion attitudes and practices. *Contraception*, 88(5), 629-635.
- Biggs, M. A., Harper, C. C., Malvin, J., & Brindis, C. D. (2014). Factors influencing the provision of long-acting reversible contraception in California. *Obstet Gynecol*, 123(3), 593-602.

- Borrero, S., Abebe, K., Dehlendorf, C., Schwarz, E. B., Creinin, M. D., Nikolajski, C., & Ibrahim, S. (2011). Racial variation in tubal sterilization rates: role of patient-level factors. Fertil Steril, 95(1), 17-22.
- Borrero, S., Nikolajski, C., Steinberg, J. R., Freedman, L., Akers, A. Y., Ibrahim, S., & Schwarz, E. B. (2015). "It just happens": a qualitative study exploring low-income women's perspectives on pregnancy intention and planning. Contraception, 91(2), 150-156.
- Borrero, S., Schwarz, E. B., Creinin, M., & Ibrahim, S. (2009). The impact of race and ethnicity on receipt of family planning services in the United States. *J Womens Health (Larchmt)*, 18(1), 91-96.

- Bruenig, M., (2015). Let's give poor women a real choice on family planning. LA Times, Oct 6th, 2015.
- Burns, B., Grindlay, K., & Dennis, A. (2015). Women's Awareness of, Interest in, and Experiences with Long-acting Reversible and Permanent Contraception. Womens Health Issues, 25(3), 224-231.
- Can contraception reduce the underclass? Philadelphia Inquirer December 12, 1990: A18.
 Editorial.
- Cates, W., Jr., Stanback, J., & Maggwa, B. (2014). Global family planning metrics time for new definitions? Contraception, 90(5), 472-475.

- Cleland, K., Zhu, H., Goldstuck, N., Cheng, L., & Trussell, J. (2012). The
 efficacy of intrauterine devices for emergency contraception: a
 systematic review of 35 years of experience. *Hum Reprod*, 27(7), 19942000.
- Davidson, A. R., & Kalmuss, D. (1997). Topics for our times: Norplant coercion--an overstated threat. *Am J Public Health*, *87*(4), 550-551.
- Dehlendorf, C., Foster, D. G., de Bocanegra, H. T., Brindis, C., Bradsberry, M., & Darney, P. (2011). Race, ethnicity and differences in contraception among low-income women: methods received by Family PACT Clients, California, 2001-2007. Perspect Sex Reprod Health, 43(3), 181-187.
- Dehlendorf, C., Grumbach, K., Vittinghoff, E., Ruskin, R., & Steinauer, J. (2011). A study of physician recommendations for reversible contraceptive methods using standardized patients. *Perspect Sex Reprod Health*, 43(4), 224-229.

- Dehlendorf, C., Park, S. Y., Emeremni, C. A., Comer, D., Vincett, K., & Borrero, S. (2014). Racial/ethnic disparities in contraceptive use: variation by age and women's reproductive experiences. *Am J Obstet Gynecol*, 210(6), 526 e521-529.
- Dehlendorf, C., Rodriguez, M. I., Levy, K., Borrero, S., & Steinauer, J. (2010). Disparities in family planning. Am J Obstet Gynecol, 202(3), 214-220.
- Dehlendorf, C., Ruskin, R., Darney, P., Vittinghoff, E., Grumbach, K., & Steinauer, J. (2010). The effect of patient gynecologic history on clinician contraceptive counseling. *Contraception*, 82(3), 281-285.
- Dehlendorf, C., Ruskin, R., Grumbach, K., Vittinghoff, E., Bibbins-Domingo, K., Schillinger, D., & Steinauer, J. (2010). Recommendations for intrauterine contraception: a randomized trial of the effects of patients' race/ethnicity and socioeconomic status. *Am J Obstet Gynecol*, 203(4), 319 e311-318.

- Diedrich, J. T., Desai, S., Zhao, Q., Secura, G., Madden, T., & Peipert, J. F. (2015). Association of short-term bleeding and cramping patterns with long-acting reversible contraceptive method satisfaction. *Am J Obstet Gynecol*, 212(1), 50 e51-58.
- Diedrich, J. T., Drey, E. A., Dehlendorf, C., & Steinauer, J. E. (2013). Women's questions after postabortion insertion of intrauterine contraception. *Contraception*, 88(3), 396-400.
- Diedrich, J. T., Madden, T., Zhao, Q., & Peipert, J. F. (2015). Longterm utilization and continuation of intrauterine devices. *Am J Obstet Gynecol*.
- Diedrich, J. T., Zhao, Q., Madden, T., Secura, G. M., & Peipert, J. F. (2015). Three-year continuation of reversible contraception. Am J Obstet Gynecol.
- Downing, R. A., LaVeist, T. A., & Bullock, H. E. (2007). Intersections of ethnicity and social class in provider advice regarding reproductive health. *Am J Public Health*, *97*(10), 1803-1807.

- Eisenberg, D., McNicholas, C., & Peipert, J. F. (2013). Cost as a barrier to long-acting reversible contraceptive (LARC) use in adolescents. *J Adolesc Health*, *52*(4 Suppl), S59-63.
- Eisenberg, D. L., Secura, G. M., Madden, T. E., Allsworth, J. E., Zhao, Q., & Peipert, J. F. (2012). Knowledge of contraceptive effectiveness. *Am J Obstet Gynecol*, 206(6), 479 e471-479.
- Finer, L. B., Jerman, J., & Kavanaugh, M. L. (2012). Changes in use of long-acting contraceptive methods in the United States, 2007-2009. *Fertil Steril*, *98*(4), 893-897.
- Fleming, K. L., Sokoloff, A., & Raine, T. R. (2010). Attitudes and beliefs about the intrauterine device among teenagers and young women. *Contraception*, 82(2), 178-182.
- Forrest, J. D., & Samara, R. (1996). Impact of publicly funded contraceptive services on unintended pregnancies and implications for Medicaid expenditures. *Fam Plann Perspect*, *28*(5), 188-195.

- Foster, D. G., Biggs, M. A., Malvin, J., Bradsberry, M., Darney, P., & Brindis, C. D. (2013). Cost-savings from the provision of specific contraceptive methods in 2009. *Womens Health Issues*, 23(4), e265-271.
- Foster, D. G., Grossman, D., Turok, D. K., Peipert, J. F., Prine, L., Schreiber, C. A., . . . Schwarz, E. B. (2014). Interest in and experience with IUD self-removal. Contraception, 90(1), 54-59.
- Fried, T. R. (2016). "Shared Decision Making--Finding the Sweet Spot." N Engl J Med 374(2): 104-106.
- Garbers, S., Meserve, A., Kottke, M., Hatcher, R., & Chiasson, M. A. (2012).
 Tailored health messaging improves contraceptive continuation and adherence: results from a randomized controlled trial. *Contraception*, 86(5), 536-542.
- Gelberg L, Lu MC, Leake BD. Homeless women: who is really at risk for unintended pregnancy? Matern Child Health J. 2008 Jan;12(1):52–60.
- Gilliam, M. L. (2015). Beyond Coercion: Let Us Grapple With Bias. *Obstet Gynecol*. 126(5), 915-916.
- Goldthwaite, L. M., Duca, L., Johnson, R. K., Ostendorf, D., & Sheeder, J. (2015). Adverse Birth Outcomes in Colorado: Assessing the Impact of a Statewide Initiative to Prevent Unintended Pregnancy. *Am J Public Health, 105*(9), e60-66.

- Hall, K. S., Steinberg, J. R., Cwiak, C. A., Allen, R. H., & Marcus, S. M. (2015). Contraception and mental health: a commentary on the evidence and principles for practice. *Am J Obstet Gynecol*, 212(6), 740-746.
- Han, L., Teal, S. B., Sheeder, J., & Tocce, K. (2014). Preventing repeat pregnancy in adolescents: is immediate postpartum insertion of the contraceptive implant cost effective? Am J Obstet Gynecol, 211(1), 24 e21-27.
- Harper, C. C., Rocca, C. H., Thompson, K. M., Morfesis, J., Goodman, S., Darney, P. D., . . . Speidel, J. J. (2015). Reductions in pregnancy rates in the USA with long-acting reversible contraception: a cluster randomised trial. *The Lancet*, 386(9993), 562-568.
- Harris, L. H., & Wolfe, T. (2014). Stratified reproduction, family planning care and the double edge of history. *Curr Opin Obstet Gynecol*, 26(6), 539-544.

- Higgins, J. A. (2014). Celebration meets caution: LARC's boons, potential busts, and the benefits of a reproductive justice approach. *Contraception*, 89(4), 237-241.
- Kalmuss, D., Davidson, A., Cushman, L., Heartwell, S., & Rulin, M. (1998). Potential barriers to the removal of Norplant among family planning clinic patients. *Am J Public Health*, 88(12), 1846-1849.
- Kavanaugh ML, Frohwirth L, Jerman J, Popkin R, Ethier K. Longacting reversible contraception for adolescents and young adults: patient and provider perspectives. J Pediatr Adolesc Gynecol 2013;26(2):86-95.
- Kavanaugh, M. L., Jerman, J., & Finer, L. B. (2015). Changes in Use of Long-Acting Reversible Contraceptive Methods Among U.S. Women, 2009-2012. *Obstet Gynecol*.

- Kennedy, S., Grewal, M., Roberts, E. M., Steinauer, J., & Dehlendorf, C. (2014). A qualitative study of pregnancy intention and the use of contraception among homeless women with children. *J Health Care Poor Underserved*, 25(2), 757-770.
- Kols, A. J., Sherman, J. E., & Piotrow, P. T. (1999). Ethical foundations of client-centered care in family planning. J Womens Health, 8(3), 303-312.
- Luchowski, A. T., Anderson, B. L., Power, M. L., Raglan, G. B., Espey, E., & Schulkin, J. (2014). Obstetrician-gynecologists and contraception: long-acting reversible contraception practices and education. *Contraception*, 89(6), 578-583.
- Luchowski, A. T., Anderson, B. L., Power, M. L., Raglan, G. B., Espey, E., & Schulkin, J. (2014). Obstetrician-gynecologists and contraception: practice and opinions about the use of IUDs in nulliparous women, adolescents and other patient populations. *Contraception*, 89(6), 572-577.

- Meade, C. S., & Ickovics, J. R. (2005). Systematic review of sexual risk among pregnant and mothering teens in the USA: pregnancy as an opportunity for integrated prevention of STD and repeat pregnancy. *Soc Sci Med*, 60(4), 661-678.
- Miller, E., McCauley, H. L., Tancredi, D. J., Decker, M. R., Anderson, H., & Silverman, J. G. (2014). Recent reproductive coercion and unintended pregnancy among female family planning clients. Contraception, 89(2), 122-128.
- Moaddab, A., McCullough, L. B., Chervenak, F. A., Fox, K. A., Aagaard, K. M., Salmanian, B., . . . Shamshirsaz, A. A. (2015). Health care justice and its implications for current policy of a mandatory waiting period for elective tubal sterilization. *Am J Obstet Gynecol*, 212(6), 736-739.
- Nikolajski, C., Miller, E., McCauley, H. L., Akers, A., Schwarz, E. B., Freedman, L., . . . Borrero, S. (2015). Race and reproductive coercion: a qualitative assessment. *Womens Health Issues, 25*(3), 216-223.

- Peipert, J. F., Madden, T., Allsworth, J. E., & Secura, G. M. (2012).
 Preventing Unintended Pregnancies by Providing No-Cost Contraception. *Obstet Gynecol*, 120(6),1291-1297.
- Peipert, J. F., Zhao, Q., Allsworth, J. E., Petrosky, E., Madden, T., Eisenberg, D., & Secura, G. (2011). Continuation and satisfaction of reversible contraception. *Obstet Gynecol*, 117(5), 1105-1113.
- Potter, J. E., Hopkins, K., Aiken, A. R., Hubert, C., Stevenson, A. J., White, K., & Grossman, D. (2014). Unmet demand for highly effective postpartum contraception in Texas. *Contraception*, 90(5), 488-495.
- Requirements or incentives by government for the use of longacting contraceptives. Board of Trustees, American Medical Association. (1992). Jama, 267(13), 1818-1821.
- Ricketts, S., Klingler, G., & Schwalberg, R. (2014). Game change in Colorado: widespread use of long-acting reversible contraceptives and rapid decline in births among young, lowincome women. Perspect Sex Reprod Health, 46(3), 125-132.

- Rodriguez, M. I., Evans, M., & Espey, E. (2014). Advocating for immediate postpartum LARC: increasing access, improving outcomes, and decreasing cost. *Contraception*, 90(5), 468-471.
- Rosenstock, J. R., Peipert, J. F., Madden, T., Zhao, Q., & Secura, G. M. (2012). Continuation of Reversible Contraception in Teenagers and Young Women. Obstetrics and Gynecology, 120(6), 1298–1305.
- Schwarz, E. B., Papic, M., Parisi, S. M., Baldauf, E., Rapkin, R., & Updike, G. (2014). Routine counseling about intrauterine contraception for women seeking emergency contraception. *Contraception*, 90(1), 66-71.
- Schwarz, E. B., Parisi, S. M., Williams, S. L., Shevchik, G. J., & Hess, R. (2012). Promoting safe prescribing in primary care with a contraceptive vital sign: a cluster-randomized controlled trial. *Ann Fam Med*, 10(6), 516-522.

- Secura, G. M., Allsworth, J. E., Madden, T., Mullersman, J. L., & Peipert, J. F. (2010). The Contraceptive CHOICE Project: reducing barriers to long-acting reversible contraception. *Am J Obstet Gynecol*, 203(2), 115 e111-117.
- Shih, G., Dube, K., & Dehlendorf, C. (2013). "We never thought of a vasectomy": a qualitative study of men and women's counseling around sterilization. *Contraception*, 88(3), 376-381.
- Shih, G., Vittinghoff, E., Steinauer, J., & Dehlendorf, C. (2011). Racial and ethnic disparities in contraceptive method choice in California. *Perspect Sex Reprod Health*, 43(3), 173-180.
- Simmons, K. B., & Rodriguez, M. I. (2015). Reducing unintended pregnancy through provider training. *The Lancet*, *386*(9993), 514-516.
- Steiner, M. J., Trussell, J., Mehta, N., Condon, S., Subramaniam, S., & Bourne, D. (2006). Communicating contraceptive effectiveness: A randomized controlled trial to inform a World Health Organization family planning handbook. *Am J Obstet Gynecol*, 195(1), 85-91.
- Stern, A. M. (2005). Sterilized in the name of public health: race, immigration, and reproductive control in modern California. *Am J Public Health*, 95(7), 1128-1138.

- Stevens, J., & Berlan, E. D. (2014). Applying Principles from Behavioral Economics To Promote Long-Acting Reversible Contraceptive (LARC) Methods. *Perspectives on Sexual and Reproductive Health*, 46(3), 165-170.
- Tang, J. H., Dominik, R., Re, S., Brody, S., & Stuart, G. S. (2013). Characteristics associated with interest in long-acting reversible contraception in a postpartum population. *Contraception*, 88(1), 52-57.
- Tang, J. H., Dominik, R. C., Zerden, M. L., Verbiest, S. B., Brody, S. C., & Stuart, G. S. (2014). Effect of an educational script on postpartum contraceptive use: a randomized controlled trial. *Contraception*, 90(2), 162-167.
- Teal, S. B., & Sheeder, J. (2012). IUD use in adolescent mothers: retention, failure and reasons for discontinuation. *Contraception*, 85(3), 270-274.
- Thiel de Bocanegra, H., Chang, R., Menz, M., Howell, M., & Darney, P. (2013).
 Postpartum contraception in publicly-funded programs and interpregnancy intervals. Obstet Gynecol, 122(2 Pt 1), 296-303.

- Thompson, M. S. (1996). Contraceptive implants: long acting and provider dependent contraception raises concerns about freedom of choice. *Bmj*, 313(7069), 1393-1395.
- Thorburn, S., & Bogart, L. M. (2005). Conspiracy beliefs about birth control: barriers to pregnancy prevention among African Americans of reproductive age. *Health Educ Behav, 32*(4), 474-487.
- Tocce, K. M., Sheeder, J. L., & Teal, S. B. (2012). Rapid repeat pregnancy in adolescents: do immediate postpartum contraceptive implants make a difference? *Am J Obstet Gynecol*, 206(6), 481 e481-487.
- Trussell, J., & Wynn, L. L. (2008). Reducing unintended pregnancy in the United States. *Contraception*, 77(1), 1-5.
- Trussell J, Henry N, Hassan F, Prezioso A, Law A, Filonenko A. Burden of unintended pregnancy in the United States: potential savings with increased use of long-acting reversible contraception. Contraception 2013;87(2):154-61.

- Turok, D. K., Godfrey, E. M., Wojdyla, D., Dermish, A., Torres, L., & Wu, S. C. (2013). Copper T380 intrauterine device for emergency contraception: highly effective at any time in the menstrual cycle. *Hum Reprod*, 28(10), 2672-2676.
- Unnithan, M., & Pigg, S. L. (2014). Sexual and reproductive health rights and justice--tracking the relationship. Cult Health Sex, 16(10), 1181-1187.
- Weisman, C. S., & Chuang, C. H. (2014). Making the most of the Affordable Care Act's contraceptive coverage mandate for privately-insured women. *Womens Health Issues*, 24(5), 465-468.
- Woodsong, C., Shedlin, M., & Koo, H. (2004). The 'natural' body, God and contraceptive use in the southeastern United States. Cult Health Sex, 6(1), 61-78.
- Yee, L., & Simon, M. (2011). Urban minority women's perceptions of and preferences for postpartum contraceptive counseling. *J Midwifery Womens Health*, 56(1), 54-60.

- Yee, L. M., & Simon, M. A. (2011). Perceptions of coercion, discrimination and other negative experiences in postpartum contraceptive counseling for low-income minority women. *J Health Care Poor Underserved*, 22(4), 1387-1400.
- Zapata, L. B., Murtaza, S., Whiteman, M. K., Jamieson, D. J., Robbins, C. L., Marchbanks, P. A., . . . Curtis, K. M. (2015). Contraceptive counseling and postpartum contraceptive use. *Am J Obstet Gynecol*, 212(2), 171 e171-178.