

# CLINICAL PERFORMANCE MEASURES FOR CONTRACEPTIVE CARE

June 14, 2016

Sue Moskosky, Acting Director  
U.S. Office of Population Affairs

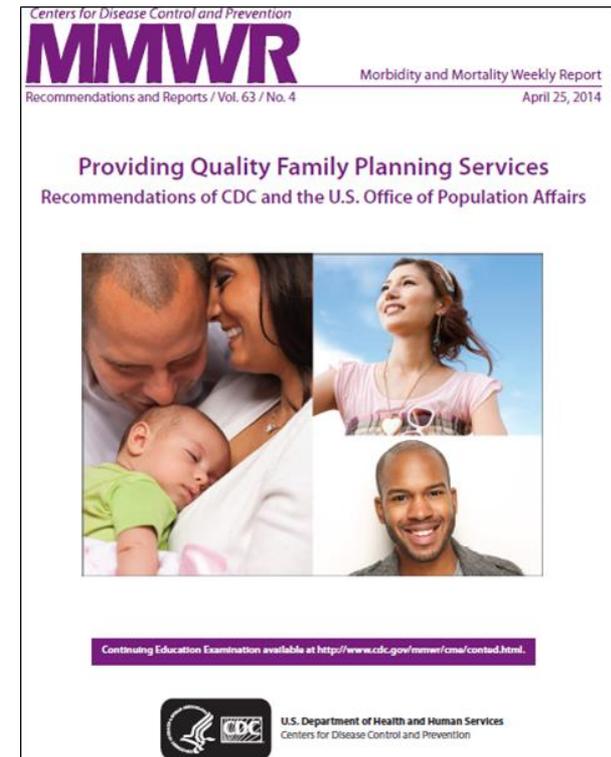
# Objectives

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- Re-introduce you to the measures
- Describe NQF, the endorsement process & where we are in the process
- Describe why endorsement matters
- Responsible use of the measures
- Support from other organizations
- Opportunity for public comment

# Importance of Contraceptive Care Measures

- Approximately **half** of all pregnancies in the U.S. are unintended
- Efforts to prevent unintended pregnancy may be strengthened by integration of quality improvement processes into delivery of clinical services
- There are currently no endorsed measures for contraceptive use – this is a huge gap area



# Three Contraceptive Care Measures Submitted for NQF Endorsement

1. The percentage of women at risk of unintended pregnancy provided a most or moderately effective contraceptive method (**Intermediate outcome measure**)
2. The percentage of women at risk of unintended pregnancy provided a long-acting reversible contraceptive (LARC) method (**Access measure**)
3. The percentage of women who had a live birth provided a:
  - Most or moderately effective contraceptive method
  - LARC methodin the 3 days and 60 days after delivery

# Effectiveness of Family Planning Methods

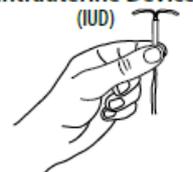
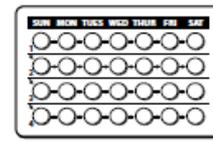
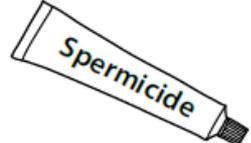
Most Effective

Less than 1 pregnancy per 100 women in a year

6-12 pregnancies per 100 women in a year

18 or more pregnancies per 100 women in a year

Least Effective

Reversible		Permanent		
<b>Implant</b>  0.05 %*	<b>Intrauterine Device (IUD)</b>  LNG - 0.2 % Copper T - 0.8 %	<b>Male Sterilization (Vasectomy)</b>  0.15 %	<b>Female Sterilization (Abdominal, Laparoscopic, Hysteroscopic)</b>  0.5 %	
<b>Injectable</b>  6 %	<b>Pill</b>  9 %	<b>Patch</b>  9 %	<b>Ring</b>  9 %	<b>Diaphragm</b>  12 %
<b>Male Condom</b>  18 %	<b>Female Condom</b>  21 %	<b>Withdrawal</b>  22 %	<b>Sponge</b>  24 % parous women 12 % nulliparous women	
<b>Fertility-Awareness Based Methods</b>  24 %	<b>Spermicide</b>  28 %			

How to make your method most effective

After procedure, little or nothing to do or remember.

**Vasectomy and hysteroscopic sterilization:** Use another method for first 3 months.

**Injectable:** Get repeat injections on time.

**Pills:** Take a pill each day.

**Patch, Ring:** Keep in place, change on time.

**Diaphragm:** Use correctly every time you have sex.

**Condoms, sponge, withdrawal, spermicides:** Use correctly every time you have sex.

**Fertility awareness-based methods:** Abstain or use condoms on fertile days. Newest methods (Standard Days Method and TwoDay Method) may be the easiest to use and consequently more effective.

\* The percentages indicate the number out of every 100 women who experienced an unintended pregnancy within the first year of typical use of each contraceptive method.

CS 242797

**CONDOMS SHOULD ALWAYS BE USED TO REDUCE THE RISK OF SEXUALLY TRANSMITTED INFECTIONS.**

## Other Methods of Contraception

**Lactational Amenorrhea Method:** LAM is a highly effective, temporary method of contraception.

**Emergency Contraception:** Emergency contraceptive pills or a copper IUD after unprotected intercourse substantially reduces risk of pregnancy.

Adapted from World Health Organization (WHO) Department of Reproductive Health and Research, Johns Hopkins Bloomberg School of Public Health/Center for Communication Programs (CCP). Knowledge for health project. Family planning: a global handbook for providers (2011 update). Baltimore, MD; Geneva, Switzerland: CCP and WHO; 2011; and Trussell J. Contraceptive failure in the United States. Contraception 2011;83:397-404.



U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention

# Women care about effectiveness too!

1,783 women in family planning and abortion clinics across the United States were asked what characteristics of contraceptive methods were "extremely important" to them.

## Results

Of 23 total items:

- Effectiveness of the method at preventing pregnancy was the item that most women said was 'extremely important' – 89%.
- The next most important characteristics were the method is easy to get (81%), affordable (81%), and easy to use (80%).

Source: Jackson, AV; Karasek, D; Dehlendorf, C; Foster, DG (2016). Racial and ethnic differences in women's preferences for features of contraceptive methods. *Contraception*, vol. 93(5) pp. 406-11

# National Quality Forum (NQF)

- NQF-endorsement considered gold standard
- Rigorous review process
- Reviewed by a 27 person committee of perinatal and reproductive health subject matter experts
- Perinatal and reproductive health measures only reviewed once every 3 years

# NQF Evaluation Criteria

1. Importance (evidence it will influence outcomes, performance gap, high priority)
2. Scientific acceptability (reliability and validity)
3. Usability and use
4. Feasibility
5. Comparison to other measures

# Why NQF Endorsement Matters

- Efforts to prevent unintended pregnancy will be strengthened by integration of quality improvement processes into a wide variety of private and public providers and healthcare delivery systems (Ivers 2012).
- NQF endorsement is a standard that many health plans and other payors require before adopting a measure.
- There are currently no NQF endorsed measures for contraceptive care – this is a huge gap area.

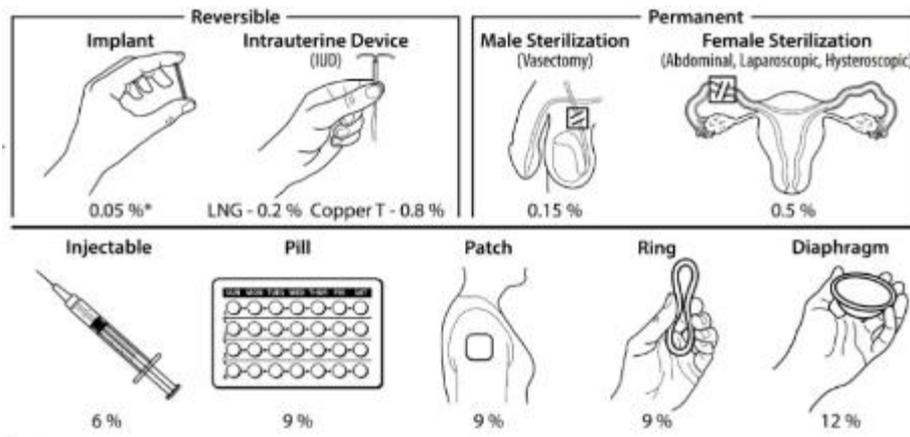


# How the measures will improve care

- More providers will be motivated to screen women about their pregnancy intention, then offer contraception to those in need
- More providers will offer women a wide range of methods, in accordance with QFP recommendations
- Women will have greater access to the method of their choice

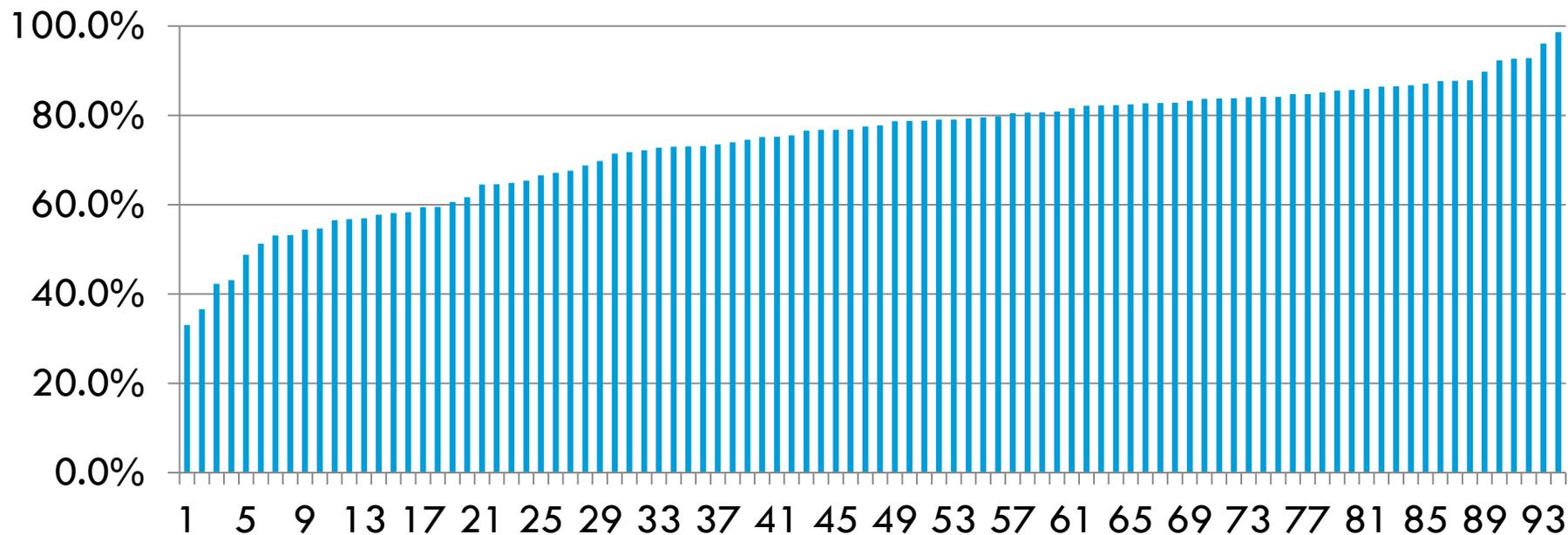
# There is substantial opportunity for improvement in the US

- A National Survey of Family Growth analysis showed only **43.5%** of adolescents and **63%** of adult women at risk of unintended pregnancy used a most or moderately effective contraceptive method.



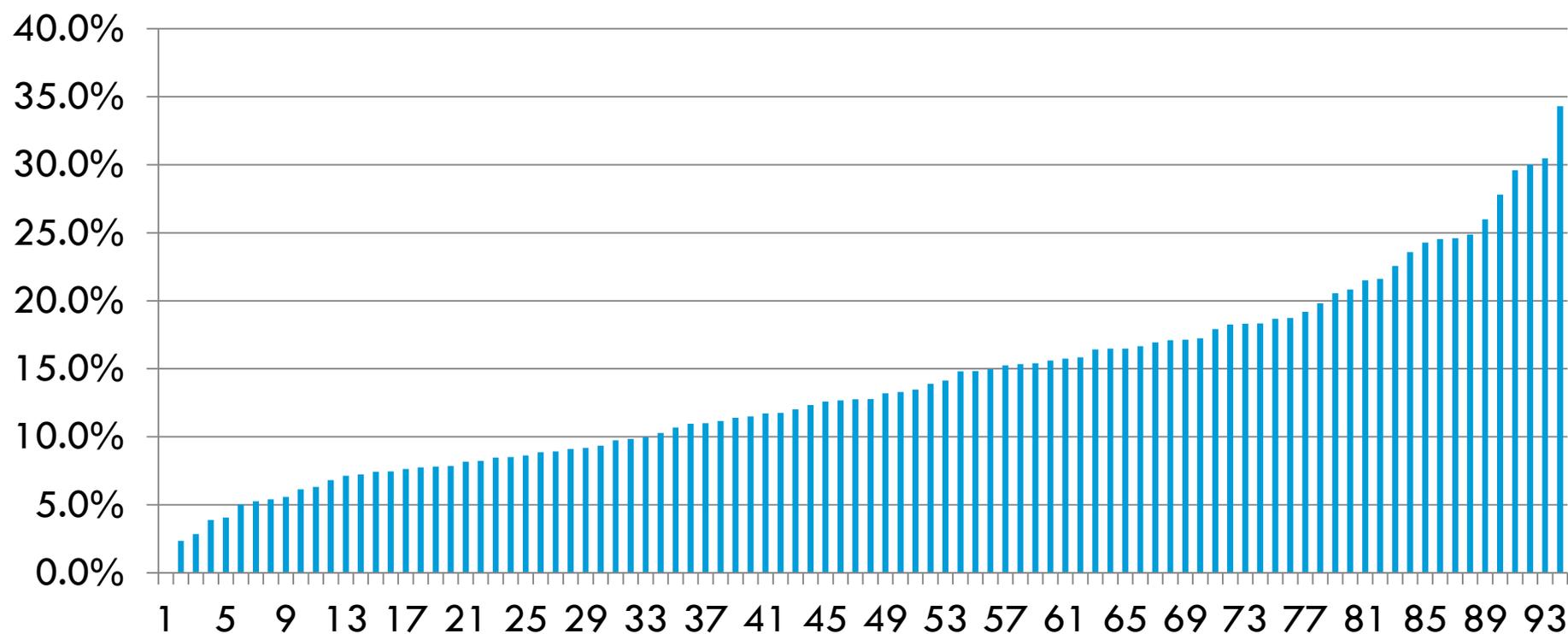
# Interpretation and Use of Most/Moderately Effective Measure

**Percentage of women 20-44 years\* using a most or moderately effective method of contraception, by Title X grantee, FPAR 2014**



# Interpretation and Use of LARC Measure

**Percentage of women 20-44 years\* using a LARC method, by Title X grantee, FPAR 2014**



# Contraceptive Measures and Zika



Baby with Typical Head Size



Baby with Microcephaly



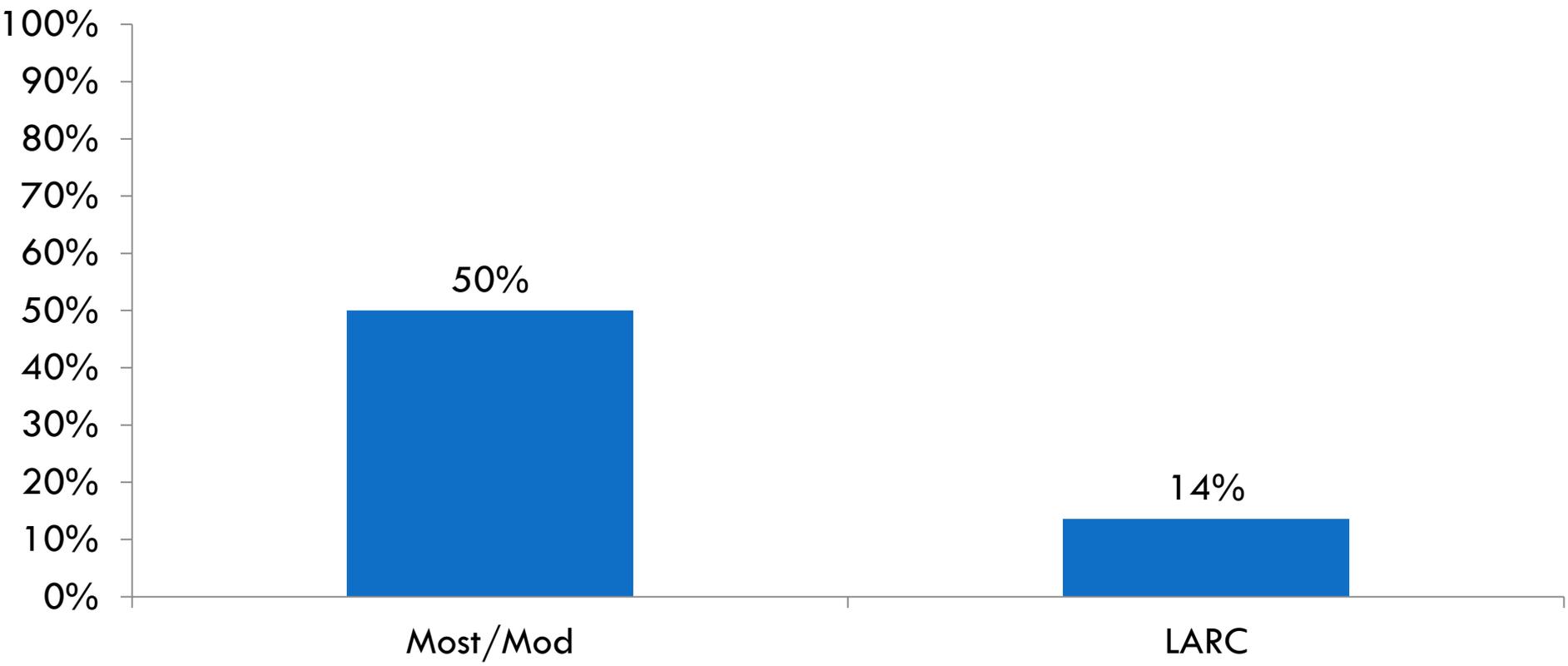
Baby with Severe Microcephaly



- Contraceptive Care Measures will be important in monitoring contraceptive provision in Zika response
- Access to and use of the most and moderately effective contraceptive methods are important in reducing unintended pregnancies at risk of Zika exposure
- LARC – In Zika response, access to most effective methods, including LARC is especially important

# Bridge between MCH and FP

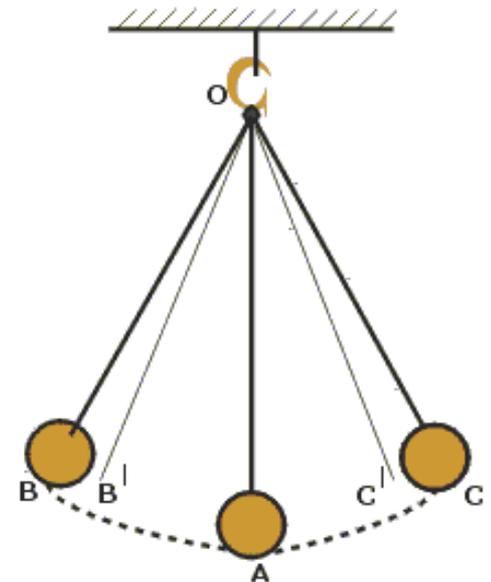
**2-6 Month Postpartum Contraception Use  
PRAMS, 2011-2012**



# Responsible Use of the Measures

As the measure steward, OPA will:

- ❑ Maintain a webpage dedicated to the measures, their appropriate use and interpretation, e.g., no benchmark for LARC!
- ❑ Monitor use of the measures
- ❑ Convene an Advisory Group to reflect on the measures' use and consider improvements over time
- ❑ Fund the development of a patient-reported outcome measure for contraceptive care
- ❑ Work on an e-measure that better identifies women at risk for unintended pregnancy



# External Support

- US Centers for Disease Control
- Center for Medicaid and CHIP Services (used on developmental basis by the Maternal and Infant Health initiative)
- Planned Parenthood Federation of America
- National Family Planning and Reproductive Health Association (NFPRHA)
- American College of Obstetricians and Gynecologists (ACOG)
- Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN)



Barbara S. Levy, MD, FACOG, FACS  
Vice President, Health Policy



The American College of  
Obstetricians and Gynecologists  
WOMEN'S HEALTH CARE PHYSICIANS



The American College of  
Obstetricians and Gynecologists

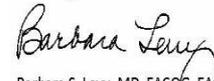
Office of the Vice President Women's Health Policy: Barbara S. Levy, MD

June 13, 2016

“I would like to express our continued support for the Office of Population Affairs’ development of health plan-level and population health-level performance measures in contraceptive care.”

We recognize that women’s health care encompasses many sensitive topics and look forward to working with the Office of Population Affairs to improve existing measures, to develop new patient-reported outcomes, and to harness electronic clinical data within Title X and beyond. Thank you for your stalwart leadership in advancing women’s health care.

Sincerely,

  
Barbara S. Levy, MD, FACOG, FACS  
Vice President, Health Policy

# Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN)

- *“I wanted to also underscore AWHONN’s support of the contraceptive measures. So thank you for all of your hard work on those measures.”*

*-- Dr. Debra Bingham, DrPH, RN, FAAN, AWHONN*

# National Family Planning and Reproductive Health Association (NFPRHA)

□ Daryn Eikner, MS

Vice President of Health Care Delivery



# Dr. Carolyn Westhoff, MD

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# Opportunity for Public Input

- All three measures were provisionally endorsed by the Perinatal/RH review committee convened by NQF:
  - ▣ 80% for MOST/MOD and LARC measures
  - ▣ 90% for postpartum measures
- Public comments welcome from June 7-July 6, 2016:  
[http://www.qualityforum.org/Perinatal Project 2015-2016.aspx](http://www.qualityforum.org/Perinatal_Project_2015-2016.aspx)
- Public comments will be taken into consideration when the committee makes its final decision regarding NQF-endorsement later this summer

# Considerations for What NQF Wants to Know

- We encourage you to submit comments!
- Are the measures useful to providers?
- Should the measures be endorsed as they were submitted?
- Caveats & considerations for the future

# Summary

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- It is important to have measures around contraceptive care, so we can improve quality of care.
- We need to ensure the measures are being used responsibly. We will rely on all of you to help us with that.
- We encourage you to submit comments to NQF.

**Thank you!**

**Questions?**