

Clinical Decision Support (CDS) for Contraceptive Practice Guidelines

PURPOSE

To advance the adoption of contraception clinical guidelines in health centers and support providers in delivering patient-centered counseling on contraceptive method choice and related family planning services.

BACKGROUND

National data show that almost half of pregnancies in the United States are unintended. Unintended pregnancy is associated with greater risk of adverse outcomes for mothers and infants as well as increased health care costs. Strategies to reduce unintended pregnancy and related adverse health outcomes include improving access to and use of effective contraceptive methods. Primary care providers play a key role in assisting patients to choose and use contraception successfully. Evidence-based guidelines on contraception, such as the Centers for Disease Control and Prevention's Medical Eligibility Criteria for Contraceptive Use and Selected Practice Recommendations for Contraceptive Use, are available to assist providers when they counsel patients about contraceptive method choice and related family planning services. Guidelines can also facilitate voluntary quality improvement activities in health care systems that provide services to women of reproductive age.

GOAL

Using existing value sets and electronic clinical quality measures, develop and enhance current clinical decision support tools that can be used at the point of care to increase adoption of clinical contraception guidelines.

POPULATION OF FOCUS

Females of child bearing age.

APPROACH

Collaborate with 2 health center controlled networks (HCCN) to validate a value set for contraceptive measures at the local level:

- Convening of thought leaders to identify and prioritize evidence-based and emerging successful practices and intervention models for clinical decision support
- Environmental scan to identify existing data, value sets, and other tools to advance contraception services
- Test prototypes of clinical decision support tools for spread and scale (move from the L1 (narrative) to the L2/L3 (semi-/structured) knowledge level)
- Learning community: monthly web-based check-ins with expert faculty and peer learning
- Pre/post project and monthly data reporting



TIMELINE | 1/1/2019 – 7/31/2019



FUNDING | CDC



TYPE OF INTERVENTION

HIT-enabled Quality Improvement, Analytics and Reporting, Clinical Decision Support

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MEASURES

The National Quality Forum (NQF) endorsed three clinical performance measures for the provision of quality contraceptive care in the fall of 2016. The three measures include:

- Mostly and Moderately Effective Methods (NQF #2903)
- Access to Long-Acting Reversible Contraceptive (LARC) Methods (NQF #2904)
- Postpartum Most and Moderately Effective Methods (NQF #2902)

COLLABORATORS

CDC	Project Officer. Financial and technical support.
NACHC	Establish national leadership role around contraceptive practice for HCCNs and health centers. Project design, support, and management. Consultation and assistance on clinical decision support tools, data reporting, and other relevant content.
HCCN	Assist health centers in validating electronic clinical quality measures for contraceptive care. Test the value set. Participate in learning community, provide health information technology-specific training, technical assistance, and implementation support to health centers, and report aggregated results from data warehouse.
Health Center	Partner with associated HCCN to validate electronic clinical quality measures and clinical decision support tools. Participate in learning community.