



# **Foundations in Searching the Biomedical Literature #1: CIRHT Information Resource Guide**

**Gurpreet Kaur Rana, M.L.I.S.  
Global Health Coordinator  
Taubman Health Sciences Library  
University of Michigan  
13 December 2018**



**YOU ARE  
HERE**

Hinari  
Research for Health

World Health Organization



UNITED NATIONS DEVELOPMENT PROGRAMME  
Human Development Reports



THE COCHRANE  
Independent high-quality evidence



World Health Organization

thMap  
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PubMed.gov

US National Library of Medicine  
National Institutes of Health



Red Book Online

National Center for Health Statistics



POPLINE

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PubMed.gov

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UNITED NATIONS  
HUMAN RIGHTS  
OFFICE OF THE HIGH COMMISSIONER

unicef



The State of the World's Children 2016

THE LANCET

BBC

NEWS

The New York Times

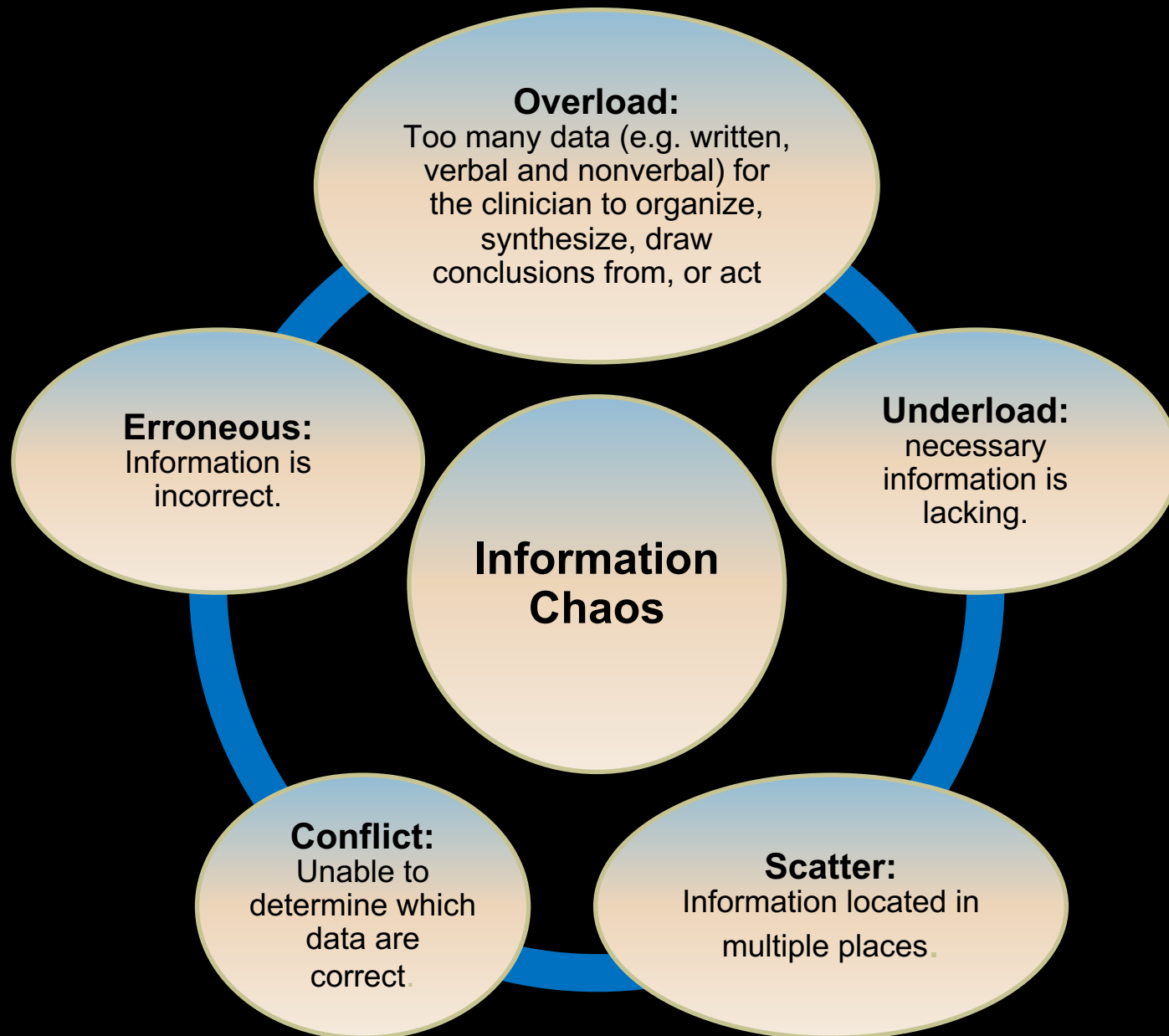
CNN

THE WORLD FACTBOOK



OECD

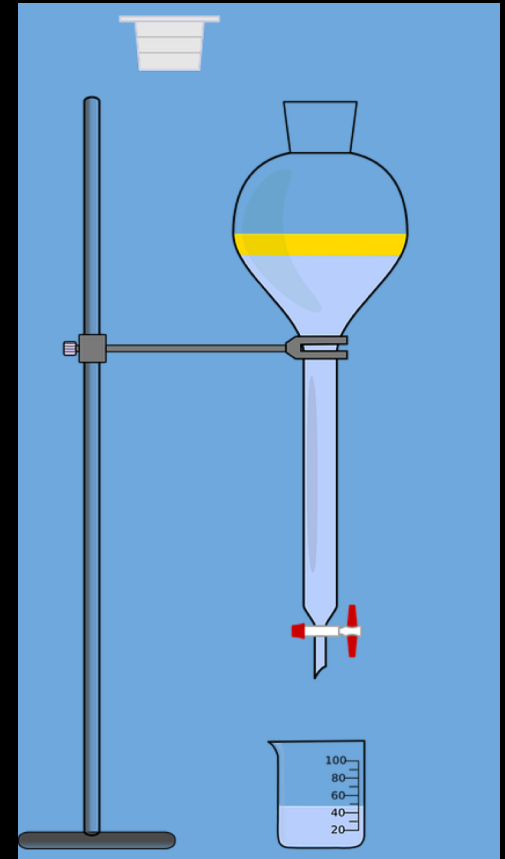
BETTER POLICIES FOR BETTER LIVES



# The Bottom Line!

“What is your question?”

- ★ Focusing your clinical/research inquiry



1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7

**Identify your specific information needs as you conduct your research....**

13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



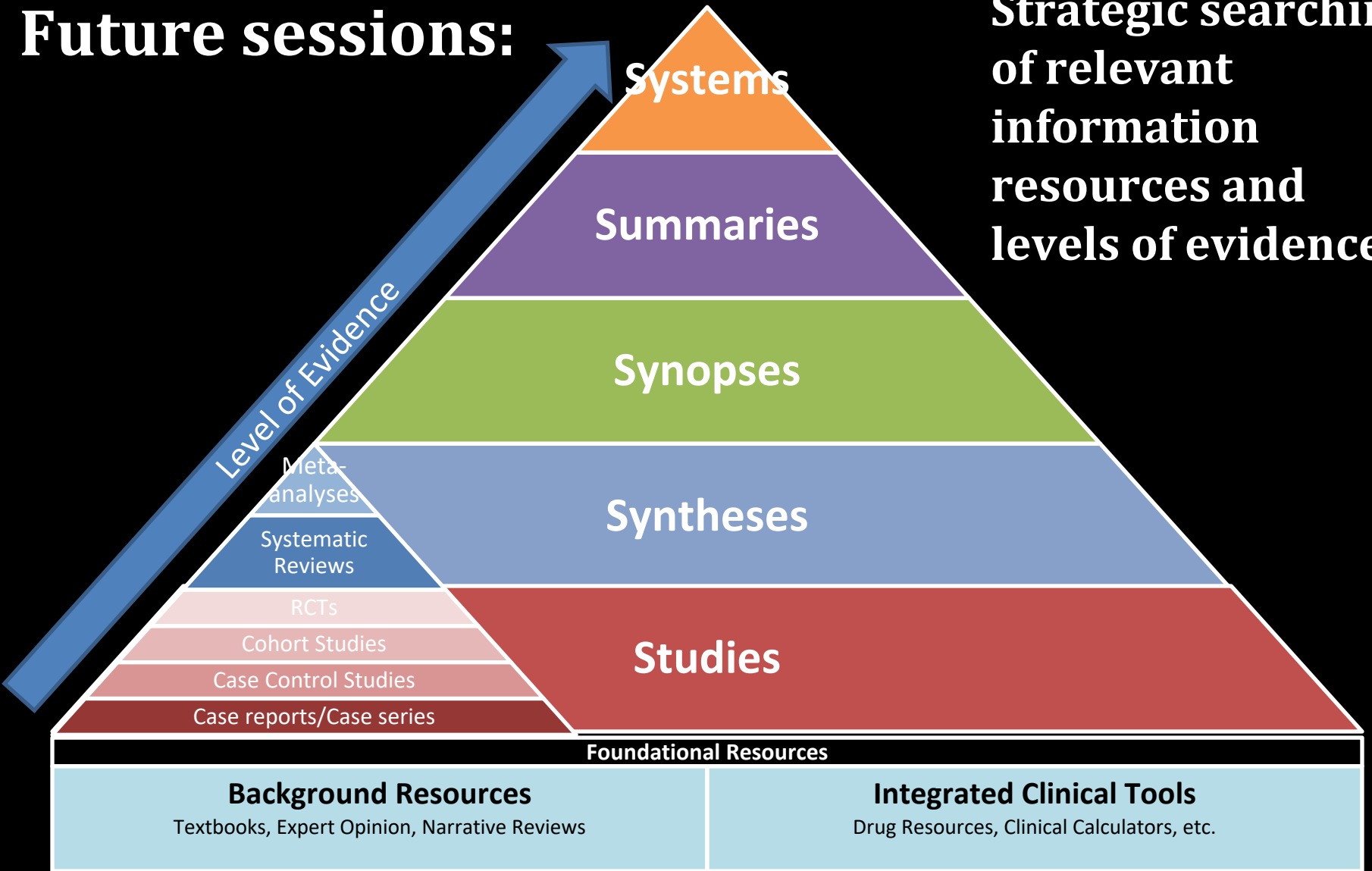
17 PARTNERSHIPS FOR THE GOALS



**THE GLOBAL GOALS**  
For Sustainable Development

**Future sessions:**

**Strategic searching  
of relevant  
information  
resources and  
levels of evidence**



# The Research Cycle





# The 5 Step EBP Process

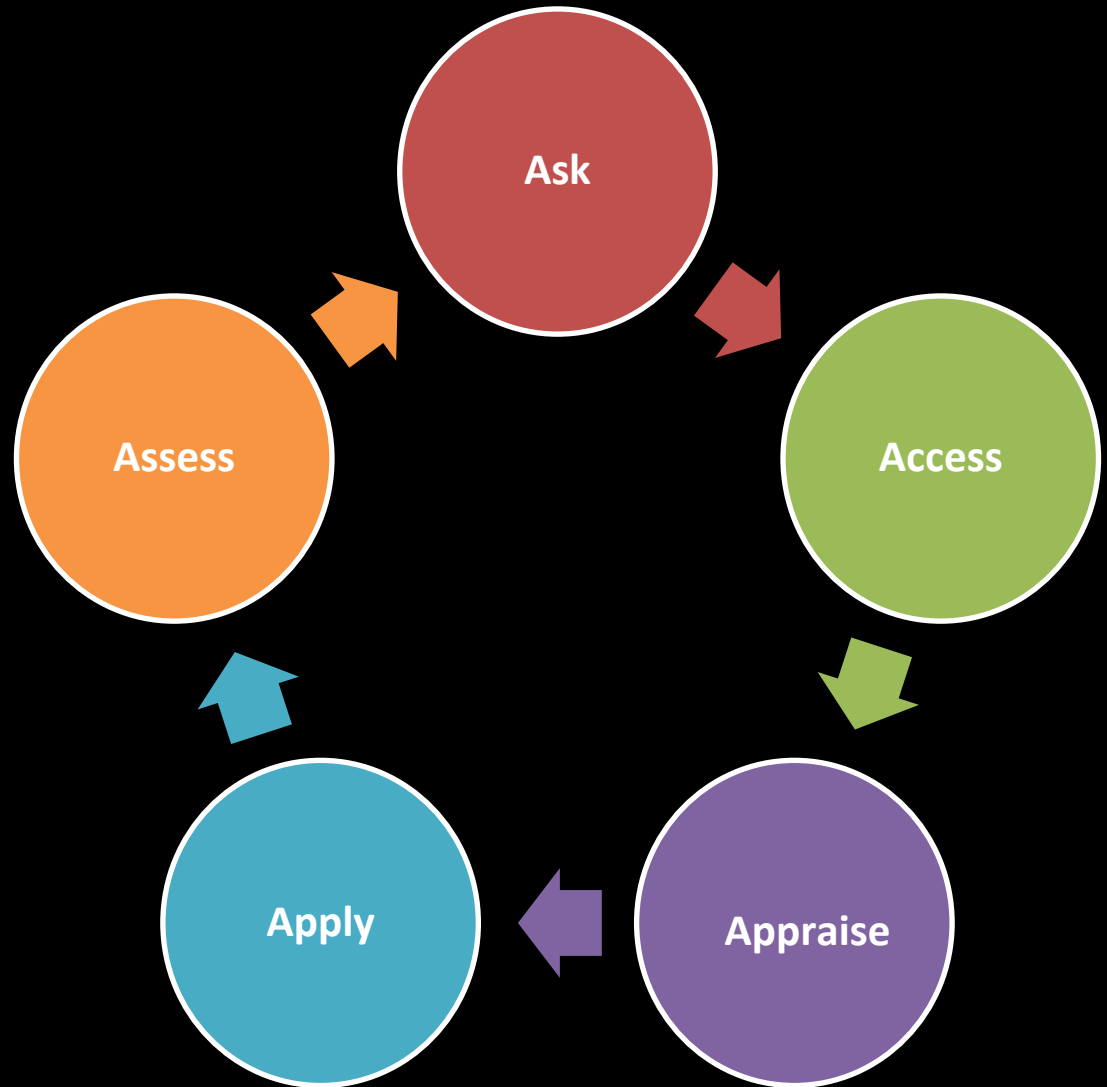
**ASK:** Formulate the research question

**ACCESS:** Develop your strategy and track down the best evidence

**APPRAISE:** Appraise the evidence for its validity and usefulness

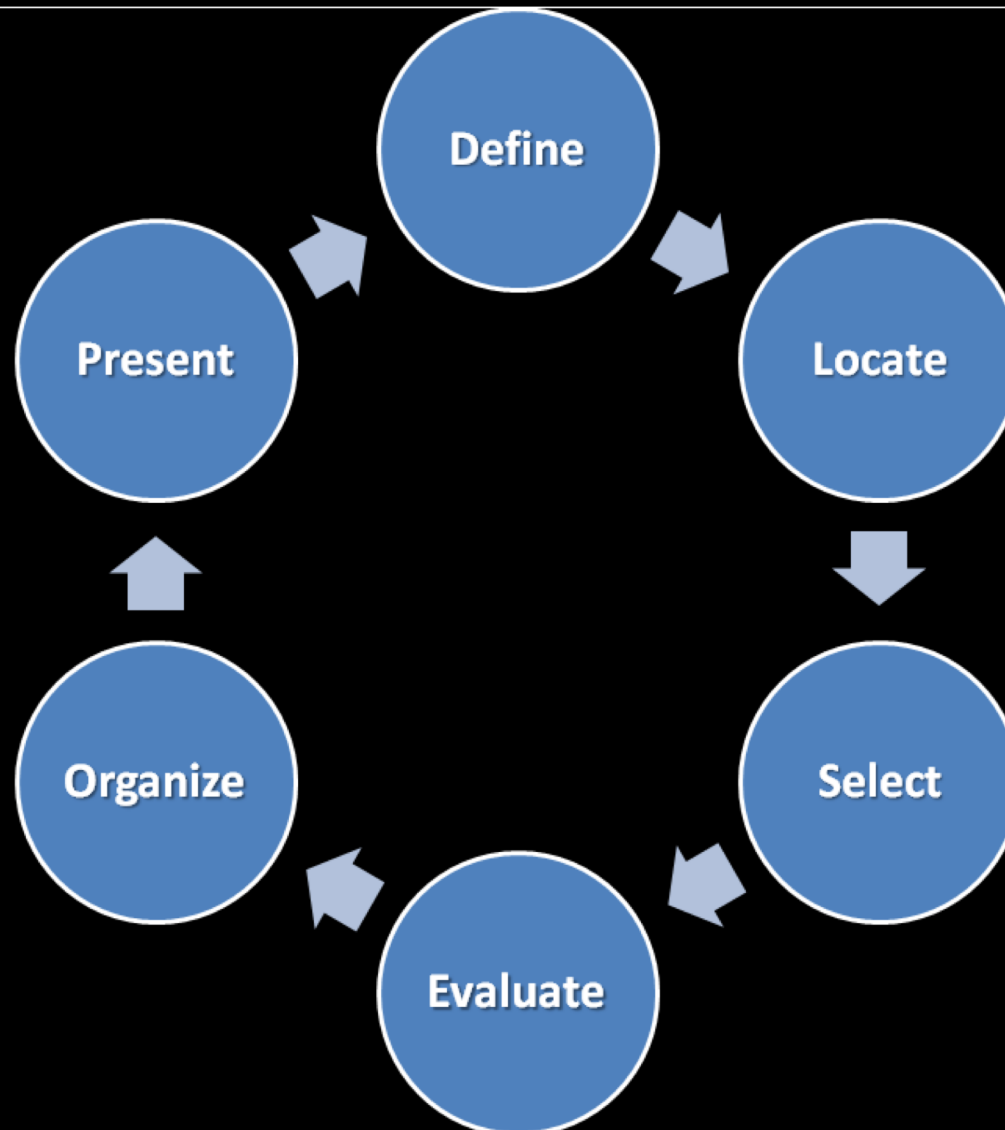
**APPLY:** Integrate the results into your project/proposal

**ASSESS:** Evaluate the effectiveness of the process



# Another way of looking at it....

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# CIRHT Information Resource Guide

<http://guides.lib.umich.edu/cirht>



# Today: do not be overwhelmed!

- A lot of information and resources today!
- **Now: Build** awareness of new skills and information resources
- **Later: Practice** and discussion with colleagues is highly recommended
- **Recognize** your information environment as the foundational step towards strategically searching the biomedical literature and data sources

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

## Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications

Data Sources

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

## Welcome!

Welcome to the resource guide for [Center for International Reproductive Health Training](#) partners, students, faculty, clinicians and scholars.

The information sources in this resource guide are openly accessible. We hope you find them useful. Your feedback and comments are most welcome!

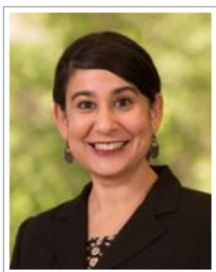
In this resource guide you will find:

- RSS feeds to keep current in the biomedical and health sciences literature
- Research and clinical (point of care) databases
- Selected open access journals
- Freely available online health sciences books
- Health and epidemiology data sources
- Evidence-based medicine (EBM) guides and resources
- Selected freely available health-related mobile resources

## \*NEW and NOTEWORTHY\*

- \*NEW\* [The UM-CIRHT Framework for Integrating Comprehensive Contraception and Abortion Care Competencies into Health Professions Education](#)
- [Integrating Family Planning into Medical Education: A Case Study of St. Paul's Hospital Millennium Medical College \(SPHMMC\)](#)
- [Family Planning Evidence Database](#)  
From the Health Communication Capacity Collaborative (HC3)

## Librarian



Gurpreet Rana

[preet@umich.edu](mailto:preet@umich.edu)

Contact:  
Global Health Coordinator

## PubMed Articles | FAMILY PLANNING in AFRICA

- [Postpartum family-planning barriers and catalysts in Burkina Faso and the Democratic Republic of Congo: a multiperspective study.](#) [↗](#) [📄](#)

[Website](#) [↗](#) | [Feed](#) [↗](#)

## PubMed Articles | MATERNAL MORTALITY: ETHIOPIA or RWANDA

- [Reducing stillbirths in Ethiopia: Results of an intervention programme.](#) [↗](#) [📄](#)

[Website](#) [↗](#) | [Feed](#) [↗](#)

## PubMed Articles | ABORTION CARE and AFRICA

- [Co-creation to scale up provision of simplified high-quality comprehensive abortion care in East Central and Southern Africa.](#) [↗](#) [📄](#)

[Website](#) [↗](#) | [Feed](#) [↗](#)

## Keeping Current

- [ACOG News Releases](#)
- [CIRHT on Facebook](#)
- [CIRHT on Twitter](#)
- [CIRHT Weekly News Review](#)
- [FIGO News](#)
- [FP2020 News](#)
- [Global Health NOW](#)
- [Sustainable Development Goals | News](#)
- [UNFPA | News](#)
- [WHO News](#)

# Let us take a deeper dive

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- EBM & Critical Appraisal
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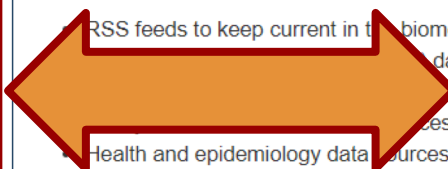
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- RSS feeds to keep current in the biomedical literature
- Health and epidemiology data sources
- Evidence-based medicine (EBM) guides
- Selected freely available health-related resources



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- \*NEW\* The UM-CIRHT

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- WHO News

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EBM & Critical Appraisal

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# FIGO

International Federation of  
Gynecology and Obstetrics  
THE GLOBAL VOICE FOR WOMEN'S HEALTH

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[Home](#) > [News](#)

## News



### Making UHC work for women

11.12.2018 In: [News](#), [FIGO news](#), [Health for All](#)

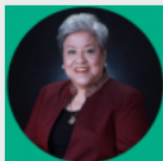
Sexual and reproductive health and rights, and preconception health, are fundamental to Universal Health Coverage



### Dedicated to women's health and rights

10.12.2018 In: [News](#), [FIGO news](#), [Health for All](#), [Women's Health & Rights](#)

The principles outlined in the Universal Declaration of Human Rights are aligned with FIGO's vision of a world where all women achieve the highest standards of health throughout their lives...



### Fertility and environmental health

06.12.2018 In: [News](#), [FIGO news](#), [Environmental Health](#), [Fertility](#)

An OBGYN's perspective on reproductive and environmental health activism - and how it changed her own outlook...

## Categories

[FIGO news \(282\)](#)

[Women's health newsfeed \(4121\)](#)

[> Adolescent Health \(16\)](#)

[> Environmental Health \(7\)](#)

[> Family Planning \(32\)](#)

[> Fertility \(263\)](#)

[> Fistula and FGM \(533\)](#)

[> Gynaecology and Technology \(78\)](#)

[> Gynaecology and the Law \(7\)](#)

[> Health for All \(23\)](#)

[> Maternal Health \(91\)](#)

[> Menopause \(143\)](#)

[Intergenerational NCDs in The Lancet](#)

[Privacy settings](#)



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# CIRHT Information Resource Guide

## Evidence-Based Medicine & Clinical Resources

- **Cochrane Library**  
Evidence generated through research and assessment of useful literature for informing decisions about health by health care providers and researchers around the world.
- **ECRI Guidelines Trust**  
A portal to clinical practice guideline briefs now available to the healthcare community. Provides access to evidence-based Guideline Briefs based on guidelines from participating guideline developers, medical specialty societies, and other healthcare organizations. Freely available but registration required.
- **EvidenceAlerts**  
Current best evidence from research, customized to health care interests. From McMaster University's Health Information Research Unit and DynaMed Plus.
- **Trip Database**  
Trip (Turning Research into Practice) is a sophisticated tool for locating the highest possible evidence with which to inform clinical decisions, using the principles of evidence based medicine. Results include evidence-based synopses, systematic reviews, guidelines and PubMed.
- **Best Evidence Topics (BETS)**  
Developed in the Emergency Department of Manchester Royal Infirmary, UK, to provide rapid evidence-based answers to real-life clinical questions, using a systematic approach to reviewing the literature.
- **WHO Reproductive Health Library**  
The WHO Reproductive Health Library (RHL) is a curated collection of high-quality evidence in reproductive health, published by the World Health Organization.
- **WHO Global Abortion Policies Database**
- **Medscape Ob/Gyn and Women's Health Section**  
Comprehensive list of women's health articles organized by specialty topic.
- **LactMed**  
A peer-reviewed database of drugs to which breastfeeding mothers may be exposed. Contains information about maternal and infant levels of drugs, possible effects on breastfed infants and on lactation.
- **AIDSinfo**  
Offers access to the latest, federally (U.S.)-approved HIV/AIDS medical practice guidelines, HIV treatment and prevention clinical trials, and other research information.

## Research Databases

## Practice Guidelines

- **ECRI Guidelines Trust**  
A portal to clinical practice guideline briefs now available to the healthcare community. Freely available but registration required.
- **American College of Obstetricians and Gynecologists Clinical Guidance**  
Includes ACOG Practice Advisories, Committee Opinions and Obstetric Care Consensus Series
- **AHRQ Women's Health Resources**  
Women's health guidelines from the Agency for Healthcare Research and Quality
- **Guidelines | WHO Reproductive Health Library**  
WHO Recommendations in reproductive health care.

## Education and Research Resource Portals

- **HINARI: Access to Research in Health Programme**  
WHO's initiative to provide low-resource countries with extensive biomedical literature. Login/Password required. Please check with your Library.
- **Research4Life**  
Research4Life is the collective name for HINARI, AGORA, OARE and ARDI. Provides developing countries with free or low cost access to academic and professional peer-reviewed

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A peer-reviewed database of drugs to which breastfeeding mothers may be exposed. Provides information about maternal and infant levels of drugs, drug concentrations in breastfed infants and on lactation.

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Lets you search broadly for scholarly literature. It searches a variety of resources, including PubMed, electronic journals, and Google Book Search.
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- **Cochrane Library**  
A set of databases of evidence-based research.
- **ClinicalTrials.gov**  
A database of clinical studies, sponsored primarily by the U.S. National Institutes of Health.
- **WHO International Clinical Trials Registry Platform**  
A searchable database of information about ongoing and completed clinical trials registered around the world in clinical trial registries.
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resource countries with extensive biomedical literature. Login/Password required. Please check with your Library.

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- **1000+OBGYN Project (Global.Michigan Portal)**
- **MedEdPORTAL**  
Provides access to peer-reviewed health education teaching and assessment resources.
- **MERLOT**  
A peer reviewed repository of Learning Objects and Open Access content across higher education.
- **Open.Michigan**  
Open access materials created by university faculty & students and submit your own materials. From the U of Michigan.
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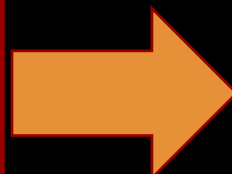
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- **AHRQ Women's Health Resources**  
Women's health guidelines from the Agency for Healthcare Research and Quality
- **Guidelines | WHO Reproductive Health Library**  
WHO Recommendations in reproductive health care.

Welcome to the most reliable clinical practice guideline repository in the world.

Current evidence-based guidelines at your fingertips



### About Guidelines Trust

20+ years' experience providing current, evidence-based guidance.

[Learn More](#)



### Inclusion Criteria

How are guidelines included in the Trust?

[Learn More](#)



### TRUST Scorecard

How are guidelines assessed for Trustworthiness?

[Learn More](#)

## New Content

Practice guideline recommendations summary: disease modifying therapies for adults with multiple sclerosis: report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology.

Endoscopic submucosal dissection: European Society of Gastrointestinal Endoscopy (ESGE) guideline.

European Society of Gastrointestinal Endoscopy (ESGE)



# Search Results for 'contraception'

**RESET FILTERS**

(1-10 of 12 Results)

Sort by: Relevance

← Previous

1 2

Next →

### Show Guidelines

Only Guidelines with Briefs/Scorecards (9)

Only Guidelines without Briefs/Scorecards (3)

### Publication Year

2018 (1)

2017 (4)

2016 (3)

2015 (2)

2014 (2)

### Organization

American Academy of Orthopaedic... (1)

American Heart Association (1)

American Society for Reproductive... (1)

American Stroke (1)

[Combined hormonal contraception and the risk of venous thromboembolism: a guideline.](#)

Guideline ID: 367 2017 Jan

**American Society for Reproductive Medicine (ASRM)**

[Guideline Brief](#)

[TRUST Scorecard](#)

[View original guideline](#)

[Health worker roles in providing safe abortion care and post-abortion contraception.](#)

Guideline ID: 137 2015

**World Health Organization (WHO)**

[Guideline Brief](#)

[TRUST Scorecard](#)

[View original guideline](#)

[Hormonal contraceptive eligibility for women at high risk of HIV: guidance statement.](#)

Guideline ID: 136 2017

**World Health Organization (WHO)**

[Guideline Brief](#)

[TRUST Scorecard](#)

[View original guideline](#)

[U.S. selected practice recommendations for contraceptive use, 2016.](#)

Guideline ID: 83 2016 Jul 29

**Centers for Disease Control and Prevention (CDC)**

[Guideline Brief](#)

[TRUST Scorecard](#)

[View original guideline](#)

[Diagnosis and management of epilepsy in adults: A national clinical guideline](#)

# Guideline Brief

## Combined hormonal contraception and the risk of venous thromboembolism: a guideline.

Guideline ID: 367

2017 Jan

American Society for Reproductive Medicine (ASRM)

Practice Committee of the American Society for Reproductive Medicine. Combined hormonal contraception and the risk of venous thromboembolism: a guideline. *Fertil Steril*. 2017 Jan;107(1):43-51. [91 references] [PubMed](#)

 Print

 View Original Guideline



TRUST Scorecard

### Overview

Guideline Topic

Patient Population

### Recommendations

Recommendation Statements

Evidence Rating Scheme

Recommendation Rating Scheme

Benefits

Risks

### Methods

Methodology

Guideline Funder

Guideline Development Group

Conflicts of Interest (COIs)

## Recommendations

### Recommendation Statements

#### Does the Dose of Estrogen Affect Venous Thromboembolism (VTE) Rates?

There are no randomized trials large enough to compare thrombosis risk in patients on oral contraceptives containing different doses of ethinyl estradiol (EE). Only **Level II-2** studies exist, including large cohort and case-control studies. It is difficult to compare the effect of the EE dose since preparations differ with respect to the progestin component. In addition, observational studies are limited by a number of unmeasured confounders and bias. The following may be concluded from the literature:

- While no longer available in the United States, high-dose combined oral contraception (COC) (>50 µg) is associated with higher risks of VTE than lower-dose formulations. (**Grade B**)
- There is fair evidence that combined oral contraception with 50 µg EE has a higher risk of thrombosis compared with sub-50 µg EE formulations. (**Grade B**) However, data are conflicting and difficult to interpret due to the variable progestin component of the pills studied.
- There is fair evidence that COCs containing EE doses lower than 35 µg have similar VTE risk to 35 µg formulations. (**Grade B**)

#### Does Type of Progestin Contribute to VTE Risk?

## TRUST Scorecard

### Combined hormonal contraception and the risk of venous thromboembolism: a guideline.

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Published: 2017

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 Print

 [View Original Guideline](#)



#### Composition of Guideline Development Group (GDG)

**Yes**

Multidisciplinary GDG Members

**Yes**

Methodologist Involvement



Incorporation of Patient and Public Perspectives

#### Foundations for Recommendations



Strength of Evidence Grade



Description of Benefits and Harms of Recommendations



Summary of Evidence Supporting Recommendations



Strength of Recommendations Rating



Clear Articulation of Recommendations

#### Systematic Review of Evidence



Literature Search



Study Selection



Evidence Synthesis

**Yes**

Funding Source Disclosure



Disclosure and Management of Financial COIs



External Review



Updating

# Combined hormonal contraception and the risk of venous thromboembolism: a guideline

Practice Committee of the American Society for Reproductive Medicine

American Society for Reproductive Medicine, Birmingham, Alabama

While venous thromboembolism (VTE) is rare in young women of reproductive age, combined oral contraceptives increase the risk of VTE. In the patient in whom combined hormonal contraception is appropriate, it is reasonable to use any currently available preparation. (Fertil Steril® 2016; ■: ■-■. ©2016 by American Society for Reproductive Medicine.)

Earn online CME credit related to this document at [www.asrm.org/learn](http://www.asrm.org/learn)

**Discuss:** You can discuss this article with its authors and with other ASRM members at <https://www.fertstertdialog.com/users/16110-fertility-and-sterility/posts/12117-23074>

## BACKGROUND

Venous thromboembolism (VTE) refers to the formation of a blood clot in a deep vein and is a rare but potentially preventable cause of death in women of reproductive age. Deep venous thromboses, which commonly occur in the legs, may break off and move into the pulmonary vasculature, which can be life-threatening. However, most venous thromboses do not result in death. Common risk factors for VTE include hypercoagulability and vascular injury. Pregnancy and the postpartum period in particular are associated with an increased risk of VTE compared with the non-pregnant state: The incidence of VTE is 5–20/10,000 woman-years in pregnancy and 40–65/10,000 woman-years postpartum, compared with 1–5/10,000 woman-years outside of pregnancy (1).

Overall, it appears that combined hormonal contraceptives (CHCs) are associated with an increased risk of

10,000 woman-years in users vs. 1–5/10,000 risk in non-users), but this risk is still smaller than the risk in pregnancy and appears to decline over time (1). In general, the risk of VTE while on hormonal contraception must be weighed against potential contraceptive benefits and the risks of VTE during pregnancy and postpartum to determine whether a woman should take CHCs.

While there is good evidence that CHCs are associated with an increased risk of VTE, there has been substantial controversy surrounding the actual risk associated with various different formulations of CHCs. A variety of CHC methods are available with different doses of estrogen and types of progestin, which are delivered through various routes of administration.

## METHODS

This clinical practice guideline was

literature. A systematic literature search of relevant articles was performed in the electronic database MEDLINE through PubMed (February and June 2015), with a filter for human subject research. This electronic search and examination of reference lists from primary and review articles yielded 1,254 studies, of which 86 studies were included.

A combination of the following medical subject headings or text words/keywords were used: birth control; contraception; combined hormonal contraception; combined oral contraceptive; combined oral contraceptives; contraceptives, oral; contraceptives, oral/administration and dosage; contraceptives, oral, combined; contraceptives, oral, combined/administration and dosage; hormonal contraception; oral contraceptive; oral contraceptives; desogestrel; drospirenone; estradiol; estrogen; oestrogen; ethynodiol diacetate; ethynodiol diace-



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### EBM & Critical Appraisal

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Covers family planning technology and programs, fertility, population law and policy, demography, maternal and child health, AIDS and other sexually transmitted diseases, reproductive health programs, women in development, and health care communication.

- **Google Scholar**

Lets you search broadly for scholarly literature. It searches a variety of resources, including PubMed, electronic journals, and Google Book Search.

- **Biomed Central**

A collection of more than 200 free, online academic journals specializing in subjects related to science, technology, and medicine.

- **Cochrane Library**

A set of databases of evidence-based research.

- **ClinicalTrials.gov**

A database of clinical studies, sponsored primarily by the U.S. National Institutes of Health.

- **WHO International Clinical Trials Registry Platform**

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Access to information published in or related to Africa



## Welcome to POPLINE

POPLINE provides access to 380,000 carefully selected publications and resources related to family planning and reproductive health

Search

REQUESTING FULL-TEXT



SUGGEST NEW ADDITIONS

## Search and research the world's reproductive health literature.

[113 new records added on December 4, 2018](#)

### Contraceptive Technology Innovation



While the existing contraceptive method mix includes highly effective options, an estimated 214 million women in low- and middle-income countries still have unmet need for family planning. To address this gap, contraceptive technology innovation is needed to do several things:

1. Identify more targeted approaches and novel delivery systems
2. Refine existing products to reduce side effects and increase user acceptability
3. Implement creative strategies to introduce and scale up underused products

#### POPLINE Topics

[Adolescent Reproductive Health](#)

[Family Planning Methods](#)

[Family Planning Programs](#)

[Gender](#)

[Health Communication](#)

[HIV / AIDS](#)

[Maternal and Child Health](#)

[Population Dynamics](#)

[Population Law and Policy](#)

[Population, Health, and Environment](#)

[Reproductive Health](#)

[Sexually Transmitted Infections](#)

#### DID YOU KNOW ...

POPLINE provides **free full-text** copies of many documents to users in low- and middle-income

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## Selected Open Access Obstetrics & Gynecology Journals

- **African Journal of Reproductive Health**  
A multidisciplinary journal focusing on original research, review articles, reports and commentaries in reproductive health in Africa.
- **Annals of Intensive Medicine**  
Focuses on intensive care medicine for all critical care providers (attending physicians, fellows, residents, nurses, and physiotherapists).
- **BMC Pregnancy and Childbirth**  
An open access, peer-reviewed journal on all aspects of pregnancy and childbirth
- **BMC Reproductive Health Journal**  
An open access, peer-reviewed online journal focusing on all aspects of human reproduction.
- **Case Report in Obstetrics & Gynecology**  
A peer-reviewed, open access journal that publishes case reports in all areas of obstetrics and gynecology.
- **Clinics in Mother and Child Health**  
A bilingual journal (French and English) adding to clinical practice of obstetrics, gynecology, pediatrics and public health.
- **Critical Care**  
A peer-reviewed, international clinical medical journal focusing on critical care.
- **European Journal of Obstetrics & Gynecology and Reproductive Biology**  
Publishes peer reviewed original research articles, as well as a wide range of news, book reviews, biographical, historical and educational articles.
- **Journal of Basic Clinical Reproductive Sciences**  
Published by the Society of Reproductive Biologists of Nigeria on aspects of reproductive health science in relation to obstetrics and gynecology; laboratory science; medical rehabilitation; nursing; medical education; and preventive medicine.
- **Journal of Intensive Care**  
Focuses on intensive care medicine, with an interest in promoting the exchange of ideas internationally and considering the different cultural aspects of intensive care practice.
- **South African Journal of Obstetrics and Gynaecology**  
Published by the South African Medical Association.
- **Ultrasound in Obstetrics and Gynecology (UOG)**  
Select articles are open access

## Other African Open-Access Journals

## Selected Open Access Journals

- **PLoS Medicine**
- **BMC Medicine**
- **The Lancet Global Health**
- **Health Research Policy and Systems**
- **Morbidity & Mortality Weekly Report**
- **Journal of Medical Case Reports**
- **Archive of "BMJ Clinical Evidence"**  
Articles from this journal are usually available in PubMed Central after a 24-month delay (embargo). Some articles may be available sooner.

## Open Access Journal Gateways

- **The Lancet Maternal Health Series**
- **BioMed Central**  
An open access publisher of over 200 free online academic journals specializing in subjects related to science, technology, and medicine
- **The Lancet Global Health Portal**  
The Lancet Global Health Series, Commissions, and Regional Reports provide in-depth views on regional health information. Most of the content is freely available.
- **Public Library of Science**  
Open access journal biomedical and health journal literature.
- **Global Library of Women's Medicine**



Ask a

# CIRHT Information Resource Guide

- **European Journal of Obstetrics & Gynecology and Reproductive Biology**  
Publishes peer reviewed original research articles, as well as a wide range of geographical, historical and educational articles.
- **Journal of Clinical Reproductive Sciences**  
Society of Reproductive Biologists of Nigeria on aspects of science in relation to obstetrics and gynecology; laboratory; midwifery; nutrition; nursing; medical education; and preventive medicine.
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Published by the South African Medical Association.
- **Ultrasound in Obstetrics and Gynecology (UOG)**  
Select articles are open access

## Other African Open-Access Journals

- **African Journal of Health Science**  
Research and policy issues in the health sciences and related disciplines.
- **Annals of African Medicine**  
Intended to serve as a medium for the publication of research findings in the broad field of medicine in Africa and other developing countries.
- **Annals of Medical & Health Sciences Research**  
Covers technical and clinical studies related to health, ethical and social issues in field of all aspects of health sciences.
- **Ethiopian Journal of Health Sciences**  
A general health science journal addressing clinical medicine, public health and biomedical sciences.
- **Ghana Medical Journal**
- **Pan-African Medical Journal**  
Includes original scientific studies, comments on current health initiatives, project and work reports, personal experiences, reviews of current health initiatives, educational articles and papers commenting on clinical, social, political, economical and all other factors affecting health.

- **The Lancet Maternal Health Series**
- **BioMed Central**  
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Open access journal biomedical and health journal literature.
- **Global Library of Women's Medicine**  
A major not-for-profit initiative to provide medical professionals worldwide with free and universal access to a vast and constantly updated, peer-reviewed resource of clinical information and guidance.
- **Directory of Open Access Journals (DOAJ)**  
Covers all open access scientific and scholarly journals that use a quality control system to guarantee the content.
- **African Journals Online**  
The largest collection of peer-reviewed, African-published scholarly journals.
- **SpringerOpen**
- **Wiley Open Access**
- **WHO Publications**  
Open access journals and key serial publications published by the World Health Organization.

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications ▼

Data Sources ▼

Mobile Resources

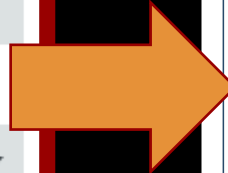
Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars



## Open Access Journal Gateways

- [The Lancet Maternal Health Series](#)

- [BioMed Central](#)

An open access publisher of over 200 free online academic journals specializing in subjects related to science, technology, and medicine

- [The Lancet Global Health Portal](#)

The Lancet Global Health Series, Commissions, and Regional Reports provide in-depth views on regional health information. Most of the content is freely available.

- [Public Library of Science](#)

Open access journal biomedical and health journal literature.

- [Global Library of Women's Medicine](#)

A major not-for-profit initiative to provide medical professionals worldwide with free and universal access to a vast and constantly updated, peer-reviewed resource of clinical information and guidance.

- [Directory of Open Access Journals \(DOAJ\)](#)

Covers all open access scientific and scholarly journals that use a quality control system to guarantee the content.

- [African Journals Online](#)

The largest collection of peer-reviewed, African-published scholarly journals.

- [SpringerOpen](#)

- [Wiley Open Access](#)

- [WHO Publications](#)

Open access journals and key serial publications published by

## The Lancet Global Health Portal

### Summary

*The Lancet* is the world's leading medical journal for global health, and in the new era of [sustainable development](#) aims to publish the best science to advance health in all regions of the world. Since 2003, *The Lancet* has published over 100 global health Series, all browsable from our Series page; also look out for special global health regional Reports, and Commissions, giving even more analysis and depth of coverage as we seek to help shape global health to 2030 and beyond.



#### Series

Commissions

Global Burden of Disease

Disease Control Priorities edition 3

Climate Countdown

Ebola Resource Centre

Zika Resource Centre

Advancing Women in Science, Medicine, and Global Health

NCD Countdown 2030

### Latest Series

#### Terrorism and health

Published: October 18, 2018

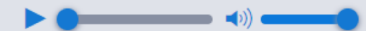
Terrorist attacks present a major challenge to society, placing governments, citizens, infrastructure, and health systems under acute pressure. This Series of papers commissioned jointly by *The Lancet Infectious Diseases* and *The Lancet Psychiatry* reviews the history of terrorism and mental health, and preparedness



### Podcasts

< 1 2 3 >

#### Viral hepatitis in migrant populations



(mp3, 05:13 mins, 4.78MB)

Graham Foster speaks with *The Lancet Gastroenterology & Hepatology* about his recent work on incentivising and supporting primary-care physicians to increase hepatitis screenings of migrant populations.

[Read associated article](#)

[View associated issue](#)

[Download audio](#)

[Subscribe to podcast: iTunes | RSS](#)

[Browse all The Lancet Gastroenterology & Hepatology audio](#)

### Related Hub



#### Ebola Resource Centre

Updated archives from the *Lancet* family of

- Overview
- Research & Clinical Resources
- EBM & Critical Appraisal
- Open Access Journals
- E-books and Publications**
  - Comprehensive Abortion Care
  - Family Planning
  - Reproductive Health Complications
  - Maternal Mortality
- Data Sources
- Mobile Resources
- Organizations & Initiatives
- Global Burden of Disease (GBD)
- Scientific Writing Resources
- Information Resource Training
- Learning Videos and Webinars


## Health Science E-Book and Publication Collections

- **PubMed Books**  
A growing collection of biomedical books that can be searched directly by typing a concept into the search box.
- **GLOWM - Global Library of Women's Medicine**  
Provides medical professionals worldwide with free access to a vast, constantly updated, and peer-reviewed resource of clinical information and guidance.
- **World Health Organization (WHO) Publications**
- **InTech Open Access Books - MEDICINE**
- **MERLOT Open Textbooks, Obstetrics & Gynecology**  
In addition to textbooks, MERLOT also has tutorials, lesson plans, and other educational resources.
- **National Academies Press: Health and Medicine**
- **FreeBooks4Doctors**  
FreeBooks4Doctors is dedicated to the promotion of free access to medical books over the Internet.
- **Directory of Open Access Books (DOAB)**

## Reports & Toolkits

- **The Global Strategy for Women's, Children's and Adolescents' Health (2016-2030)**  
From: Every Women Every Child, 2015
- **K4Health: Youth Policy Toolkit**  
An online resource for improving youth reproductive health (YRH) and HIV/AIDS policy worldwide.
- **K4Health: Reproductive Health in Humanitarian Settings Toolkit**  
"An estimated 68.5 million people worldwide were considered forcibly displaced as a result of conflict and persecution by the end of 2018—the highest number on record. Women and girls comprise half of this population." - K4Health

## Selected E-Books




**Ultrasound in Obstetrics and Gynecology: A Practical Approach**  
by **Alfred Abuhamad, MD**  
Publication Date: 2014




**A Textbook of Gynecology for Less-Resourced Locations**  
by **Heleen van Beekhuizen MD, PhD and Regine Unkels MD**  
Publication Date: 2012

Evidence-based information on low-tech diagnostic and treatment options for common gynecological conditions.

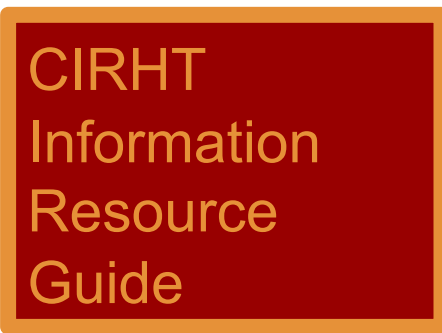


**Partners in Health Manual of Ultrasound for Resource Limited Settings**  
by **Partners in Health (Editor)**  
Publication Date: 2010-12-30

Bedside, clinician-performed ultrasound, with focus on specific diagnostic questions and disease processes common in the developing world.



**Contemporary Gynecologic**



# CIRHT Information Resource Guide

## Center for International Reproductive Health Training (CIRHT)

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

### Overview

### Research & Clinical Resources

### EBM & Critical Appraisal

### Open Access Journals

### E-books and Publications

#### Comprehensive Abortion Care

#### Family Planning

#### Reproductive Health Complications

#### Maternal Mortality

### Data Sources

### Mobile Resources

### Organizations & Initiatives

### Global Burden of Disease (GBD)

### Scientific Writing Resources

### Information Resource Training

### Learning Videos and Webinars

### E-Books and Reports

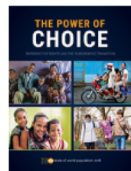


#### Family Planning: A Global Handbook for Providers by K4Health, WHO

ISBN: 97809999203705

Publication Date: February 2018

3rd edition.



#### State of World Population 2018 | THE POWER OF CHOICE: Reproductive Rights and the Demographic Transition by United National Population Fund (UNFPA)

Publication Date: October 2018



#### UNFPA Supplies Annual Report 2017 by United National Population Fund

Publication Date: June 2018

"[UNFPA Supplies] programme provides technical assistance for strengthening national reproductive health supply chains through analysis, strategic interventions, capacity-building and addressing bottlenecks." (From: Foreward, UNFPA Supplies Annual Report 2017)

### Toolkits and Briefs

- [K4Health Implants Toolkit](#)
- [Learning Resource Package \(Modular/Facility-Based\): Providing Long-Acting Reversible Contraception \(LARC\)](#)  
Source: Jhpiego
- [Learning Resource Package: Skills Update for Contraceptive Implant Side Effect Management and Removal](#)  
Source: Jhpiego.
- [Manual for Localizing Deeply Placed Implants with Ultrasound](#)  
From Jhpiego, USAID and PSI
- [Providing Contraceptive Implants Learning Resource Package](#)  
Source: Jhpiego



## Providing Long-Acting Reversible Contraception (LARC) Learning Resource Package (Modular/Facility-Based)

### ADDITIONAL INFORMATION



#### Language:

> English

#### Relevant Technical Areas:

> Family Planning & Reproductive Health  
> Contraception

#### Relevant Programmatic Approaches:

> Competency-Based Education & Training  
> In-Service Training  
> On-the-Job Training

#### Trainer / Educator Resource Type:



> Course Materials  
> Learning Resource Packages

#### Relevant To:

> In-Service Training

#### Award/Program:

**Training Material** (Published May, 2017) • Maternal and Child Survival Program (Author)

 0 votes  0 comments  4122 views

The purpose of this learning resource package is to provide trainers, facilitators and program staff with a comprehensive resource for high-quality long-acting reversible contraception (LARC) services using a modular, facility-based approach for training, capacity building and mentorship. The integrated learning package consists of an implementation guide and ten modules, including counseling, infection prevention, quality of care and information on both hormonal and non-hormonal [the Copper T 380A] intrauterine devices and contraceptive implants (single and two-rod). The modules are designed for use in a variety of situations including interval, post-partum and post-abortion periods and should be implemented at the facility level using a modular training approach.

For related interval LARC training resources using a group-based training approach please see the [LARC Learning Resource Package \(Interval: Group Based/Single Dose\)](#).

### Downloads for this Resource

File	Size
 Module 1: Introduction to Long-Acting Reversible Contraceptives	16.39 MB
 Module 2: Family Planning Counseling	196.45 MB
 Module 3: Medical Eligibility and Client Assessment	2.94 MB
 Module 4: Quality of Care	2.16 MB
 Module 5: Infection Prevention for Long-Acting Reversible Contraceptive Methods	45.4 MB
 Module 6: Copper Intrauterine Device (Copper T 380A)	14.6 MB
 Module 7: Hormonal Intrauterine Device (LNG-IUS)	4.44 MB
 Module 8: Postpartum Intrauterine Device	6.84 MB
 Module 9: Postabortion Intrauterine Device	5.7 MB

### RELATED RESOURCES

[Providing Long-Acting Reversible Contraception \(LARC\) Learning Resource Package \(Interval: Group Based/Single Dose\)](#)

0 comments | 1 view

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

## Overview

## Research & Clinical Resources

## EBM & Critical Appraisal

## Open Access Journals

## E-books and Publications

## Data Sources

### Data Sources - Ethiopia

### Data Sources - Rwanda

## Mobile Resources

## Organizations & Initiatives

## Global Burden of Disease (GBD)

## Scientific Writing Resources

## Information Resource Training

## Learning Videos and Webinars

## Multimedia

- **The Global Goals**  
YouTube channel for the UN Global Goals for Sustainable Development
- **Medical Aid Films**  
Film collections from reproductive health and safe birth to prevention and management of obstetric emergencies.
- **Fistula Foundation**  
YouTube channel for Fistula Foundation
- **Women and Health Alliance**  
YouTube channel for WHA

## Statistical Sources (selected)

- **Demographic and Health Surveys**  
The Demographic and Health Surveys (DHS) program has collected, analyzed, and disseminated accurate and representative data on population, health, HIV, and nutrition through more than 260 surveys in over 90 countries.
- **World Bank Open Data**  
Provides download access to over 2000 indicators from the World Bank data sets including World Development Indicators.
- **Family Planning and Reproductive Health Indicators Database**  
From the MEASURE Evaluation project. A comprehensive listing of the most widely used indicators for evaluating family planning and reproductive health programs in developing countries.
- **FP2020 Data Hub**
- **Track 2020 FP2020**  
"The Track20 Project monitors progress towards achieving the goals of the global FP2020 initiative, adding an additional 120 million modern method users between 2012 and 2020 in the world's 69 poorest countries."
- **PMA2020 (Performance, Management and Accountability 2020)**  
Uses mobile technology to gather population data on family planning and water, sanitation and hygiene.
- **WHO Global Abortion Policies Database**
- **World Health Organization - Databases & Statistics**
- **WHO World Health Statistics 2017: Monitoring health for the SDGs**
- **Institute of Health Metrics and Evaluation**  
The Institute for Health Metrics and Evaluation (IHME) is an independent global health research center at the University of Washington.
- **Sustainable Development Goals Indicators - Global Database**  
This platform provides access to data compiled through the UN for the Secretary-General's annual Sustainable Development Goals progress report.
- **UN Data**  
Statistics produced by countries and compiled by the United Nations data system, as well as estimates and projections. Covers agriculture, education, energy, industry, labour, national accounts, population, and tourism.
- **Global Health Data Exchange (GHDx-Data)**  
A new catalog of the world's health and demographic datasets from the Institute of Health Metrics and Evaluation

## Visualizing Global Data

- **World Population 2018 Dashboard**  
Source: UNFPA
- **FP2020 Data Hub**
- **Track 2020 FP2020**  
"The Track20 Project monitors progress towards achieving the goals of the global FP2020 initiative, adding an additional 120 million modern method users between 2012 and 2020 in the world's 69 poorest countries."
- **Data Visualization - Institute for Health Metrics and Evaluation**  
Data freely and easily accessible and to provide innovate ways to visualize complex global topics.
- **STATcompiler (beta)**  
Visualize and explore data in custom tables, column charts, line graphs, maps, and scatterplots on hundreds of demographic and health indicators across more than 70 countries.
- **Guttmacher Data**  
State, national, and global sexual and reproductive health data.
- **Gapminder: for a fact-based world view**  
Displays various statistics about global indicators and world's countries.

India

General Information

Core Indicators

Indicator Graphs

Additional Analysis

Resources

India



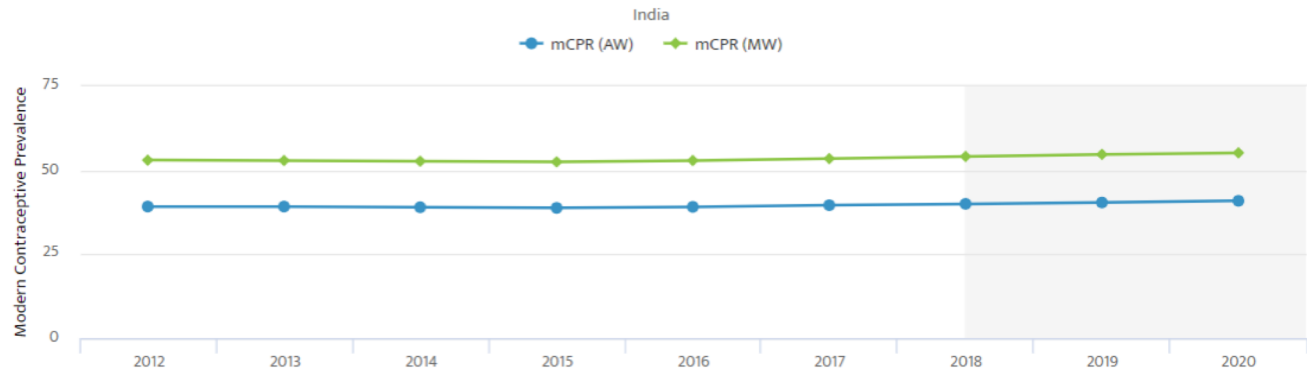
Track20 Focus Country

mCPR (AW):	40
mCPR (MW):	54.1
Unmet Need (MW):	19
Demand Satisfied (MW):	74
Additional Users:	12,234,000

*"The data above is reported in the annual progress report FP2020: Catalyzing Collaboration 2017-18. These values were produced using Track20's FPET model"*

MW = Married Women  
AW = All Women

Projected Trends in mCPR



Note: FP2020 uses a "rolling baseline" so values are recalculated each year based on the newest available data. The values in the gray area represent estimates of future prevalence if current trends continue.

In 2018

**139,619,000** women are using a modern method of contraception

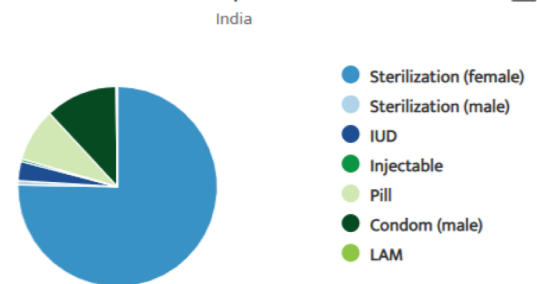
As a result of that contraceptive use

**54,421,000** unintended pregnancies will be prevented

**1,823,000** unsafe abortions will be averted

**29,000** maternal deaths will be averted

Modern Contraceptive Method Mix

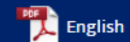


Source: 2015-16 NFHS-4

India

[General Information](#)
[Core Indicators](#)
[Indicator Graphs](#)
[Additional Analysis](#)
[Resources](#)

## India



English



French

### FP2020 Core Indicator 2017-18 Summary Sheet

		2012	2013	2014	2015	2016	2017	2018
1	Number of additional users of modern methods of contraception	0	1,534,000	2,680,000	3,599,000	6,163,000	9,184,000	12,234,000
2	Contraceptive prevalence rate, modern methods (mCPR)	39.2	39.2	39.0	38.8	39.1	39.6	40.0
3	Percentage of women with an unmet need for a modern method of contraception	19.4	19.4	19.4	19.4	19.3	19.2	19.0
4	Percentage of women whose demand is satisfied with a modern method of contraception	73.2	73.2	73.1	73.0	73.3	73.6	74.0
5	Number of unintended pregnancies	11,286,000	11,271,000	11,255,000	11,240,000	11,225,000	11,210,000	11,174,000
6	Number of unintended pregnancies averted due to use of modern methods of contraception	49,387,000	49,982,000	50,426,000	50,782,000	51,776,000	52,948,000	54,421,000
7	Number of unsafe abortions averted due to use of modern methods of contraception	1,654,000	1,674,000	1,689,000	1,701,000	1,734,000	1,773,000	1,823,000
8	Number of maternal deaths averted due to use of modern methods of contraception	26,000	26,000	27,000	27,000	27,000	28,000	29,000

		%	Source	Population
9	Percentage of women using each modern method of contraception (method mix)		2015-16 NFHS-4	Married
	<b>Long-acting and permanent methods</b>			
	Sterilization (female)	75.3		
	Sterilization (male)	0.6		
	IUD	3.1		
	Implant	0.0		
	<b>Short-term methods</b>			
	Injectable	0.4		
	Pill	8.6		
	Condom (male)	11.7		
LAM	0.2			

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

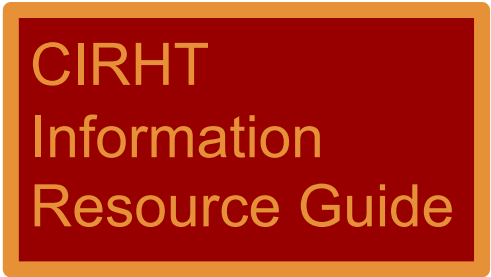
- Overview
- Research & Clinical Resources
- EBM & Critical Appraisal
- Open Access Journals
- E-books and Publications ▾
- Data Sources
  - Data Sources - Ethiopia**
  - Data Sources - Rwanda
- Mobile Resources
- Organizations & Initiatives
- Global Burden of Disease (GBD)
- Scientific Writing Resources
- Information Resource Training
- Learning Videos and Webinars

### Ethiopia Country Reports

-  **WHO Ethiopia Annual Report 2017 by World Health Organization**
-  **2016 Ethiopia Demographic and Health Survey: Key Findings by Ethiopia Central Statistical Agency and ICF International**  
Publication Date: 2017
-  **WHO Country Cooperation Strategy: Ethiopia, 2012-2015 by WHO Regional Office for Africa**  
Publication Date: 2013
-  **Ethiopia Poverty Assessment 2014 by World Bank Group**  
Publication Date: January 2015

### Partner Country Statistical Sources: Ethiopia

- [Ministry of Health, FDRE](#)
- [Ethiopian E-Service](#)
- [Central Statistical Agency](#)
- [DHS Ethiopia 2016](#)



Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications

Data Sources

Data Sources - Ethiopia

Data Sources - Rwanda

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

## Rwanda Country Reports



2014-15 Rwanda Demographic and Health Survey: Key Findings by **National Institute of Statistics of Rwanda, Ministry of Health, Rwanda and ICF International**  
Publication Date: 2016



WHO Rwanda Biennial Report 2016-2017 by **World Health Organization**



WHO Country Cooperation Strategy: Rwanda, 2014-2018 by **WHO Regional Office for Africa**  
Publication Date: 2014



Rwanda Poverty Assessment by **World Bank Group**  
Publication Date: April 2015

## Partner Country Statistical Sources: Rwanda

- **Ministry of Health, Rwanda**
- **Government of Rwanda Portal**
- **National Institute of Statistics of Rwanda**
- **DHS Rwanda 2014-15**
- **Trends in Reproductive Behavior in Rwanda**  
Further Analysis of the 2014-15 Demographic and Health Survey.
- **Rwanda Health Observatory**  
From the Rwanda Ministry of Health and World Health Organization

CIRHT  
Information  
Resource Guide

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(734) 764-0400  
[contact-mlibrary@umich.edu](mailto:contact-mlibrary@umich.edu)

**Subjects:** Health Sciences  
**Tags:** abortion, contraception, ethiopia, family planning, global health, obgyn, reproductive health, rwanda

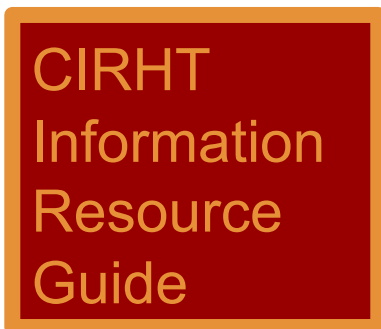
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- Overview
- Research & Clinical Resources
- EBM & Critical Appraisal
- Open Access Journals
- E-books and Publications ▼
- Data Sources ▼
- Mobile Resources
- Organizations & Initiatives**
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- Learning Videos and Webinars



## Organizations (selected)

- **American Congress of Obstetricians and Gynecologists (ACOG)**
- **Association of Reproductive Health Professionals**  
ARHP brings together health care professionals across disciplines and specialties for evidence-based training and network building.
- **Ethiopian Public Health Association**  
The Ethiopian Public Health Association (EPHA) promotes better health services to the public and high professional standards through advocacy, professional competence, relevant policies, and effective networking.
- **Family Guidance Association of Ethiopia**  
FGAE is a volunteer-based, Ethiopian resident charity organization committed to enabling underserved and vulnerable population, with particular focus on adolescents and youth, to enjoy sexual and reproductive health (SRH).
- **Gutmacher Institute**  
Provides the latest peer-reviewed, policy-relevant research and analysis on sexual and reproductive health and rights in the U.S and globally.
- **International Federation of Gynecologists and Obstetricians (FIGO)**  
The International Federation of Gynecology and Obstetrics (FIGO) brings together professional societies of obstetricians and gynecologists on a global basis.
- **International Planned Parenthood Federation**  
IPPF works in 170 countries to empower the most vulnerable women, men and young people to access life-saving services and programmes, and to live with dignity.
- **IPAS**
- **Maternal Health Task Force**  
A project of the Women and Health Initiative at the Harvard T.H. Chan School of Public Health
- **Plan International**  
A development and humanitarian organization that advocates for children's rights and equality for girls.
- **Planned Parenthood**
- **Royal College of Obstetrics and Gynaecologists (UK)**
- **United Nations Population Fund (UNFPA)**  
"Delivering a world where every pregnancy is wanted, every childbirth is safe and every young person's potential is fulfilled."

## Initiatives (selected)

- **Averting Maternal Death and Disability (AMDD)**
- **ETHIOPIA | PMA2020 (Performance, Management and Accountability 2020)**
- **Every Woman Every Child**
- **High Impact Practices for Family Planning (HIPs)**
- **International Initiative for Impact Evaluation (3ie)**
- **The Partnership for Maternal, Newborn and Child Health (WHO)**
- **The Surviving Sepsis Campaign**

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications ▼

Data Sources ▼

Mobile Resources

**Organizations & Initiatives**

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

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- [ETHIOPIA | PMA2020 \(Performance, Management and Accountability 2020\)](#)
- [Every Woman Every Child](#)
- [High Impact Practices for Family Planning \(HIPs\)](#)
- [International Initiative for Impact Evaluation \(3ie\)](#)
- [The Partnership for Maternal, Newborn and Child Health \(WHO\)](#)
- [The Surviving Sepsis Campaign](#)



# Creating the Greatest Impact

High Impact Practices (HIPs) are a set of evidence-based family planning practices vetted by experts against specific criteria and documented in an easy-to-use format. HIPs help programs focus resources for greatest impact.



[EXPLORE MORE](#)

## Explore the Evidence



What works in Family Planning?  
[View the HIP List.](#)



What is new with HIPs? View the  
new and upcoming products.



What are the HIPs all about?  
[View the Common Vision.](#)

[Home](#) > [Strategic Planning Guides](#) > Engaging Men and Boys in Family Planning

# Engaging Men and Boys in Family Planning: A Strategic Planning Guide

This document is intended to lead program managers, planners, and decision-makers through a strategic process to identify effective investments for engaging men in efforts to improve sexual and reproductive health. In this guide, male engagement refers to the involvement of men and boys in family planning programs across life stages, including addressing gender norms and gender equality.

This guide builds on reviews of male engagement strategies for family planning<sup>1-8</sup> and is informed by recognized experts in the field.\* Throughout the steps below, programs should address the specific contexts and diverse needs of program beneficiaries. Examples within each step illustrate how to identify relevant gaps and issues and offer programming approaches to consider. The first priority of any family planning program when considering partner engagement is to respect the client's preference of whether to engage her partner and to do so in equitable ways that protect and encourage women's autonomy.

\* Afeefa Abdur-Rahman, Michal Avni, Karen Hardee, Joan Kraft, Rebecka Lundgen, Erin Mielke, Tim John Shand, Dominic Shattuck, Caitlin Thistle, and Shegufta Shefa Sikder.



## Introduction

Step 1: Define the behavioral aim of your initiative.

Step 2: Assess men's and boys' knowledge and attitudes related to reproduction and contraception.

Step 3: Assess how gender norms affect male engagement in family planning.

Step 4: Identify programming approaches that engage men and boys.

How to Do It: Tips from Implementation Experience

References

Acknowledgements

Suggested citation

# CIRHT Information Resource Guide

## Center for International Reproductive Health Training (CIRHT)

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications ▼

Data Sources ▼

Mobile Resources

Organizations & Initiatives

**Global Burden of Disease (GBD)**

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

### Global Burden of Disease: Resources

- [Global Burden of Disease | The Lancet](#)  
The Global Burden of Disease Study 2010 (GBD 2010) is the largest ever systematic effort to describe the global distribution and causes of a wide array of major diseases, injuries, and health risk factors.
- [Global Burden of Disease \(Institute of Health Metrics and Evaluation\)](#)
- [World Health Organization: Global Burden of Disease](#)

### GBD Data Tools and Statistics

- [GBD Compare \(from IHME\)](#)
- [WHO Global Health Estimates](#)  
Comprehensive and comparable assessment of mortality and loss of health due to diseases and injuries for all regions of the world.
- [WHO: DISMOD II for GBD](#)  
DISMOD II is a software tool that may be used to check the consistency of estimates of incidence, prevalence, duration and case fatality for diseases.

### PubMed RSS feed: GBD

- [Accessing free quality health care services and premature death.](#) ⓘ
- [Attitude and perception of medical interns about antimicrobial resistance: a multi center cross-sectional study in Ethiopia.](#) ⓘ ⓘ
- [Chronic Unpredictable Mild Stress for Modeling Depression in Rodents: Meta-analysis of Model Reliability.](#) ⓘ ⓘ

[Website](#) ⓘ | [Feed](#) ⓘ

### Lectures and Webcasts

- [IHME Webcast: Making Health Measurable: Using the Global Burden of Disease as a platform to track health performance](#)

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Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications ▼

Data Sources ▼

Mobile Resources

Organizations & Initiatives

**Global Burden of Disease (GBD)**

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Information Resource Training

Learning Videos and Webinars

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# Global Burden of Disease (GBD)

GBD

[GBD Home](#)

[GBD 2017 Resources](#)

[About GBD](#)

[Call for Collaborators](#)

[Data Resources](#)

[Data Visualizations](#)

[Country Profiles](#)

[Publications](#)

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[News & Events](#)

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[IHME Foundations](#)

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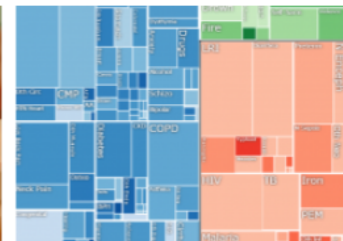


## Baby 'Boom' and 'Bust': Nations' Rates of Childbirth Vary Significantly

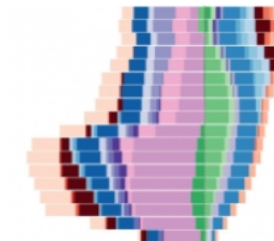
Ninety-one nations are not producing enough children to maintain their current populations, while the opposite is true in 104 countries where high birth rates are driving population increases, according to a new scientific study.



[GBD 2017 Resources](#)



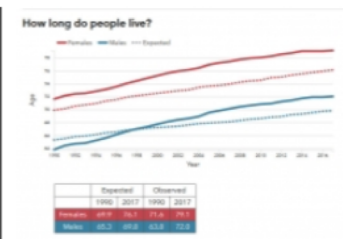
[GBD Data Visualizations](#)



[GBD Publications](#)



[Download GBD 2017 Data](#)



[Country Profiles](#)

**THE LANCET**

The Global Burden of Disease Study 2017



[The Lancet GBD 2017](#)

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

## Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications

Data Sources

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

## Scientific Writing Resources

- [Scientific Writing Resource](#)  
(From the Duke Graduate School)
- [CARE Guidelines](#)  
The CAse REport guidelines provide a framework that supports transparency and accuracy in the publication of case reports.
- [AuthorAID](#)  
Supporting Developing Country Researchers in Publishing Their Work

## Authorship and Publishing Tools

- [GH Journal Search](#)  
A tool that presents major core peer-reviewed global health journals in one place. Authors can discover and choose "best fit" publications for manuscript submission.
- [JANE: Journal/Author Name Estimator](#)  
Tool to help authors identify appropriate journals for manuscript submission.

## Publishing in the Sciences

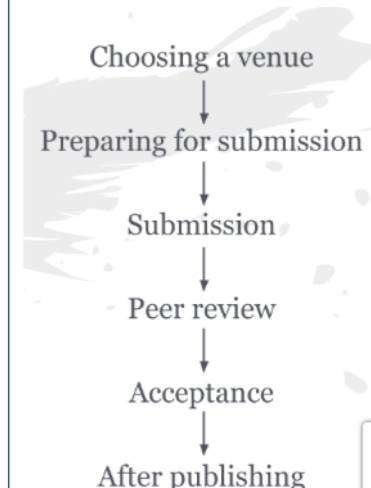
Researchers in the sciences are expanding their publishing venues from traditional journals, books, and conference proceedings to many other venues including webpages, social media, data publication, etc. As shown in the below diagram, different types of publications correspond to different stages of the research life cycle. However, **research journal articles** still remain the main output for primary research results. This guide focuses on issues around publishing **research journal articles** in the sciences.



## Video: Writing in the Sciences, Module 1

## Steps of Scientific Publishing

Publishing a scientific journal article in the sciences entails the following steps: This guide provides resources to help you with each step of publishing your journal article.



CIRHT  
Information  
Resource  
Guide

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications ▼

Data Sources ▼

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

**Scientific Writing Resources**

Information Resource Training

Learning Videos and Webinars

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(From the Duke Graduate School)

- [CARE Guidelines](#)

The CAse REport guidelines provide a framework that supports transparency and accuracy in the publication of case reports.

- [AuthorAID](#)

Supporting Developing Country Researchers in Publishing Their Work

**Free online courses in research communication and proposal writing**

AuthorAID offers free online courses in research communication and proposal writing for researchers in developing countries. Courses are run twice a year via our Moodle platform.

Find out more information on our [online learning page](#)

NEWS



**Tip of the Week #418**

You first

By Bernard Appiah, Dec. 8, 2018 | [0 Comments](#)



**Tip of the Week #417**

No coloring

By Bernard Appiah, Dec. 1, 2018 | [0 Comments](#)



**Tip of the Week #416**

Not always the first

By Bernard Appiah, Nov. 24, 2018 | [0 Comments](#)



**Tip of the Week #415**

Don't stop

By Bernard Appiah, Nov. 17, 2018 | [2 Comments](#)



**Tip of the Week #414**

RESOURCES



**Presentation: Preparing Grant Proposals - Facilitation Kit**

This kit consists of nine modules, each containing a PowerPoint presentation and a set of facilitator notes. The notes expand on the content of the slides and provide guidance in facilitating the modules, which combine presentation and small-group work.



**Book: Research Ethics Committees: Basic Concepts for Capacity Building**

This manual includes overviews of topics such as informed consent, confidentiality, and financial conflicts of interest, as well as discussing research ethics committees and providing guidance for strengthening them.



**Video: "Get Lit: The Literature Review"**

Video of presentation on preparing the literature review section of a thesis or dissertation. One of the most popular videos on our online research writing courses



**Toolkit: Gender Mainstreaming in Higher Education Toolkit**

FEATURED RESEARCHERS



**Helen Nneka Okpala**

Research interests: Webometrics, Social networking, Digitization, Big Data, E-learning, Information technology in libraries, Library ...



**Hari Prasad Nepal**

Research interests: Self-directed learning, higher technical education, open educational resources, curriculum, analytics

Open to collaboration.



**Grace MWAURA**

Research interests: youth geographies, climate policy, geographies of inclusion, inclusive development, climate and development, ...

Available for mentoring and open to collaboration.



**SR Narahari**

Research interests: Integrative Dermatology, Lymphodema, Vitiligo, Tropical dermatology, Chronic dermatoses, CAM, clinical methods, Phytomedicine, ...



Information sources for CIRHT partners, students, faculty, clinicians and scholars.

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications

Data Sources

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

## Guidelines for Evaluating Online Health Information

- [MedLine Plus Guidelines for Online Information Sources](#)

A guide for what to look for when evaluating the quality of health information on Web sites.

## PubMed Resources



Access PubMed: <http://www.pubmed.gov>

For online tutorials from the National Library of Medicine, click [here](#).

For help using the **Single Citation Matcher** to verify citations, watch this [video](#) from the Yale Medical Library.

### MyNCBI Tutorials

Overview of MyNCBI from NLM. [video](#)

MyNCBI, pt 1. Creating an Account & Saving Searches. [video](#)

MyNCBI, pt 2. Creating Collections. [video](#)

MyNCBI, pt 3. Using Filters. [video](#)

MyNCBI, pt 4. Using Preferences. [video](#)

### Searching PubMed (National Library of Medicine)

Simple Subject Search. [video](#)

Searching with the MeSH database. [video](#)

Combining MeSH terms. [video](#)

Applying Subheadings and other features of the MeSH database. [video](#)

For additional PubMed videos, please click [here](#).

### Exporting results in special formats

[How do I save PubMed search results in .CSV format using FLink?](#)

## About Mendeley



## HINARI Training



For more information and assistance: [HINARI Training](#)

- [Basic Course](#)
- [Advanced Course](#)
- [Distance Learning Courses](#)

## Getting Started: Mendeley

- [Mendeley for Beginners](#)
- [Mendeley Factsheet](#)
- [Mendeley: Customizing \(Editing\) an Output Style](#)

CIRHT  
Information  
Resource  
Guide

Information sources for CIRHT partners, students, faculty, clinicians and scholars.

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications

Data Sources

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

## CIRHT Information Resource Guide

### CIRHT Webinar Series: Part 2 - "Contraception Choices for Women with Underlying Medical Conditions", December 20, 2017

Loder Part Two

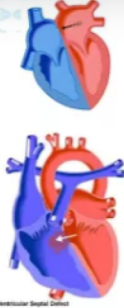
nib-947e

**LOW-RISK CONDITIONS**

**ASD/VSD**  
Accounts for 1/3 of congenital heart disease

• If repaired, all contraceptive methods are category 1

• In unrepaired ASD, CHC are cat 3 due to thrombotic risk



46:03

### How New Medical Knowledge is Created

How New Medical Knowledge is Created (GEMC)

**How New Medical Knowledge is Created**

Taubman Health Sciences Library  
University of Michigan

4:21

### Webinars

- Expanding Contraceptive Choice: A Webinar Series**  
A series on family planning methods including detailed knowledge about the methods, including how to use them and how they work and hear about global level and country implementation experiences. From USAID, FP2020 and the Implementing Best Practices initiative
- High Impact Practices in Family Planning Webinar Series**  
Source: HIP (High Impact Practices for Family Planning)
- Social and behavior Change Communication (SBCC) Webinars**  
Source: Health Communication Capacity Collaborative, a USAID-funded project.
- Taking the Pulse of the Expanded Mexico City Policy, 31 Oct 2017**  
Source: Center for Health and Gender Equity with Human Rights Watch and the International Women's Health Coalition

### Online Courses/Tutorials

- Online Course: Core Areas of Reproductive Healthcare**  
Malaysia Medical Association's free online 10-part online course

Overview

Research & Clinical Resources

EBM & Critical Appraisal

Open Access Journals

E-books and Publications ▼

Data Sources ▼

Mobile Resources

Organizations & Initiatives

Global Burden of Disease (GBD)

Scientific Writing Resources

Information Resource Training

Learning Videos and Webinars

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- [Taking the Pulse of the Expanded Mexico City Policy, 31 Oct 2017](#)

Source: Center for Health and Gender Equity with Human Rights Watch and the International Women's Health Coalition

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## Expanding Contraceptive Choice Webinar Series

The Advancing Partners & Communities project, in collaboration with Family Planning 2020, the Implementing Best Practices initiative and USAID's Office of Population and Reproductive Health, is hosting a webinar series designed to share information about various family planning methods. Participants gain detailed knowledge about the methods, including how to use them and how they work and hear about global level and country implementation experiences and method-specific "hot topics."

### Objectives of Webinar Series

1. Raise awareness and provide technical information on a range of contraceptive methods
2. Highlight in-country and programmatic experiences, including challenges and successes
3. Serve as a forum to answer questions and promote discussion about family planning methods
4. Advance the principles of voluntarism and informed choice as fundamental components of high-quality family planning programs

Click on the links below to view details and register for upcoming webinars.

### Past Webinars

#### [Expanding Contraceptive Choice: Webinar on Tubal Ligation](#)

December 06, 2018

The sixth webinar in the Expanding Contraceptive Choice series will be on Tubal Ligation. The webinar is on Thursday, December 6, 2018, from 9:00–10:00 A.M. ET.

#### [Expanding Contraceptive Choice: Webinar on Vasectomy](#)

August 02, 2018



Archived webinars are available on [APC's Vimeo page](#).



*With gratitude*

**Questions? Comments?  
preet@umich.edu**