

3. CIRHT Information Resource Guide

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



CIRHT Information Resource Guide

- Link from the CIRHT website: <http://cirht.med.umich.edu>
- Direct link: <http://guides.lib.umich.edu>
- **Objective:** To provide a portal of high quality reproductive health information resources for researchers and clinicians. All resources are open access or freely available
- Content: evaluated and curated by an informationist
- Currency: updated regularly
- Feedback: Welcome!

CIRHT - Center for International Reproductive Health Training

 Search

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- Research & Clinical Databases
- EBM & Critical Appraisal
- Open Access Journals
- E-books and Publications
- Data Sources
- Mobile Resources
- Organizations
- Global Burden of Disease (GBD)
- Resource Training
- Scientific Writing Resources
- Access Elsevier Journal Subscriptions
- Learning Videos (under construction)



Welcome!

Welcome to the [Health Training](#)

The information accessible to you comments are

In this resource

- Selected o
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Databases and EBM

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Learning Videos (under construction)

PubMed Article

- Supportive su
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PubMed Articles: MATERNAL MORTALITY AND ETHIOPIA

- Maternal and fetal outcomes of uterine rupture and factors associated with maternal death secondary to uterine rupture. [↗](#) [i](#)
- Skilled Antenatal Care Service Utilization and Its Association with the Characteristics of Women's Health Development Team in Yeky District, South-West Ethiopia: A Multilevel Analysis. [↗](#) [i](#)

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

Librarian



Gurpreet Rana

preet@umich.edu

Contact:
Global Health Coordinator

NEW and NOTEWORTHY

- Integrating Family Planning into Medical Education: A Case Study of St. Paul's Hospital Millennium Medical College (SPHMMC)
- The Lancet Maternal Health Series
- WHO World Health Statistics 2016: Monitoring health for the SDGs
- Every Woman Every Child
- WHO Global Strategy for Women's, Children's and Adolescents' Health, 2016-2030
- Maternal Health Task Force
A project of the Women and Health Initiative at the Harvard T.H. Chan School of Public Health

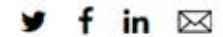
Keeping Current

- CIRHT on Twitter
- CIRHT on Facebook
- ACOG News Releases
- FIGO News
- FP2020 News
- WHO News
- Sustainable Development Goals - News
- Global Health NOW

The Lancet Global Health

- [Editorial] Community health workers: emerging from the shadows? [↗](#) [i](#) Apr 30, 2017

MATERNAL HEALTH



Trump Pulls UNFPA Funds

APRIL 4, 2017

The Trump administration is pulling funding for the United Nations Population Fund, which promotes family planning in more than 150 countries. The cut totals \$32 million in FY2017.

Uganda's Overburdened Midwives

MARCH 27, 2017



Gendered Consequences

MARCH 13, 2017

In South Korea, the recent death of an overworked young mother has brought the issue of gender bias to the fore.



A Single Bracelet Does Not Jingle

March 3, 2017

The Democratic Republic of the Congo has a chance to save millions



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Evidence-Based Medicine & Clinical Resources

- **National Guideline Clearinghouse** 
A public, comprehensive database of evidence-based clinical practice guidelines and related documents. From the U. S. Agency for Healthcare Research and Quality (AHRQ).
- **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.
- **EvidenceUpdates**
Incorporates McMaster University's McMaster PLUS email alerting system and searchable database of best evidence from the medical literature. From BMJ.
- **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.
- **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

- **PubMed**
PubMed is the premier biomedical database that indexes over 4,000 biomedical, nursing, dentistry and related journals.
- **PopLine (POPulation information onLINE)**
Covers family planning technology and programs, fertility, population

Practice Guidelines

- **National Guideline Clearinghouse (NGC)**
Evidence-based clinical practice guidelines collected from universities, professional societies, government agencies, medical centers, and international organizations
- **American College of Obstetricians and Gynecologists Guidelines**
Clinical practice guidelines from ACOG
- **AHRQ Women's Health Resources**
Women's health guidelines from the Agency for Healthcare Research and Quality
- **Society of Obstetricians and Gynaecologists of Canada**
Clinical practice guidelines from SOGC

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 content online. Login/Password required. Please check with your Library.
- **1000+OBGYN Project**

quality evidence in reproductive health, published by the World Health Organization.

- **Medscape Ob/Gyn and Women's Health Section**
Comprehensive list of women's health articles organized by specialty topic.
- **LactMed**
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Covers family planning technology and programs, fertility, population law/policy, demography, maternal & 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**
A searchable database of information about ongoing and completed clinical trials registered around the world in clinical trial registries.
- **Health Services Research Information Central (U.S. National Library of Medicine)**
- **WHO IRIS : WHO Institutional Repository for Information Sharing**
Search the entire collection of WHO publications.
- **African Index Medicus**
Access to information published in or related to Africa

Education and Research Resource Portals

- **HINARI: Access to Research in Health Programme**
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- **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 content online. Login/Password required. Please check with your Library.
- **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.
- **Sherpa RoMEO**
Lists publisher copyright and self-archiving policies.
- **WHO IRIS : WHO Institutional Repository for Information Sharing**
Search the entire collection of WHO publications.





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- GUIDELINE SYNTHESSES
- EXPERT COMMENTARIES
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- HELP & ABOUT

AHRQ's National Guideline Clearinghouse is a public resource for summaries of evidence-based clinical practice guidelines.

[Learn More About the New Site](#) [Sign In or Create a Free Account](#)

Guideline Summaries

Guidelines are organized by clinical specialty areas.

- Cardiology
- Critical Care
- Emergency Medicine
- Family Practice
- Geriatrics
- Infectious Diseases
- Internal Medicine
- Nursing
- Obstetrics and Gynecology
- Oncology
- Orthopedic Surgery
- Pediatrics
- Physical Medicine and Rehabilitation
- Psychiatry
- Surgery

Guideline Syntheses

Comparisons of areas of agreement and disagreement among selected guidelines addressing similar topics. [View All >](#)

Expert Commentaries

Expert insight on guidelines and other relevant issues. [View All >](#)

1-20 of 23 results for

“postpartum hemorrhage”

NARROW RESULTS

Clear All

- Meets 2013 Inclusion Criteria (9)
- U.S.-based Organizations (18)
- Addresses Multiple Chronic Conditions (2) i

Publication Date

From: 2006 To: 2016

Apply

Target Population Characteristics

Age

- Aged, 80 and over (5)
- Aged (65 to 79 years) (5)
- Middle Age (45 to 64 years) (5)
- Adult (19 to 44 years) (18)

Show More

SORT BY Relevance | Date SHOW 20 | 50 | 100 Compare Summaries i

GUIDELINE SUMMARY NGC:005702 2006 OCT (REAFFIRMED 2013)
Postpartum hemorrhage. Compare
 American College of Obstetricians and Gynecologists

GUIDELINE SUMMARY NGC:010813 2015
Patient blood management guidelines: module 5 - obstetrics and maternity. Compare
 National Blood Authority

GUIDELINE SUMMARY NGC:010908 2016 FEB
Practice guidelines for obstetric anesthesia: an updated report by the Compare

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EBM & Critical Appraisal Guides

- **5A's of the Evidence Cycle: Assess, Ask, Acquire, Appraise, Apply**
- **How to Read a Paper**
British Medical Journal
- **Centre for Evidence-Based Medicine**
- **EBM Tools**
Centre for Evidence Based Medicine. Description and flowchart of the steps in practicing evidence-based medicine.
- **Users' Guides to the Medical Literature**
JAMA articles in PubMed

Critical Appraisal Tools and Training

- **Critical Appraisal Skills Programme (CASP)** 
National Health Service, UK
- **Evidence-Based Medicine Worksheets**
Dartmouth Biomedical Libraries
- **CEBM Critical Appraisal tools**
Centre for Evidence Based Medicine, University of Oxford
- **Critical Appraisal: Notes and Checklists**
SIGN: Scottish Intercollegiate Guidelines Network
- **CATMaker and EBM Calculators**
Centre for Evidence Based Medicine, University of Oxford

CIRHT Journal Club

-  **Comparing medical versus surgical termination of pregnancy at 13-20 weeks of gestation: a randomized controlled trial**
Dr. Yolanda R. Smith, MD, MS, Dept. Obstetrics & Gynecology
Michigan Medicine, University of Michigan, March 23, 2017

EBM Tutorials

- **Evidence-Based Practice tutorial**
UNC Health Sciences Library; Duke University Library
- **Introduction to Evidence Based Medicine**
University of Illinois at Chicago, University Library
- **EBM Tutorials from UMass Medical**
These interactive tutorials take you through the EBM process.

Calculators

- **EBM Toolbox**
Centre for Evidence-Based Medicine, University of Toronto. Includes stats calculator, critical appraisal worksheets, likelihood ratios, odds ratio to number needed to treat converter and others.
- **Diagnostic Test Calculator**
University of Illinois at Chicago
- **Clinical Calculator 1. Population Prevalence, Sensitivity, Specificity, Predictive Values, & Likelihood Ratios**
VassarStats
- **Clinical Calculator 2. Predictive Values and Likelihood Ratios**
VassarStats
- **EBMcalc**
Encompasses a wide array of pertinent medical formulae, clinical criteria sets and decision tree analysis tools used everyday by clinicians, medical educators, nurses and health care students of all types.
- **CATMaker and EBM Calculators**
Centre for Evidence Based Medicine, University of Oxford



Critical Appraisal Skills Programme (CASP)

Making sense of evidence

HOME

CRITICAL APPRAISAL

WORKSHOPS

CASP TOOLS & CHECKLISTS

ABOUT CASP

MORE

CASP offers critical appraisal skills training, workshops and tools. These help you read and check health research for trustworthiness, results & relevance.

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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

- **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**

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

- **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



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Women's Medicine

Prevention of sexual transmission of the Zika virus: - Latest guidance from WHO

Just published – The FIGO Textbook of Pregnancy Hypertension

A definitive and practical guide for clinicians

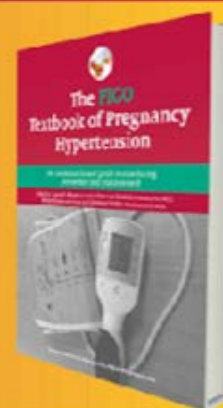
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Edited by:
 Laura A. Magee MD, FRCPC, FACP
 Peter von Dadelszen MChB, PhD, FRANZCOG,
 William Stones MD, FRCO
 and
 Mathewes Mathai MD, PhD, FRCO



Women's Medicine
 415 expert chapters
 Critical Current Issues



Safer Motherhood
 Textbooks, films tutorials
 & skills



**Family Planning
 Prevention of
 Unsafe Abortion**



**Women's Rights,
 Health and
 Empowerment**



**1000+ OBGYN
 Project for Africa**
 Training Resources for
 OBGYNs



**Pregnancy
 Childbirth**



**Masterclass
 Lectures**



**Video and Visual
 Medicine**



**Recommended
 Medical Textbooks**



**NEW additions to
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Abortion Care



Safe Abortion, 2nd edition

Publication Date: 2012

Evidence-based guidance on clinical care. It includes information on how to establish and strengthen services, and outlines a human-rights-based approach to laws and policies on safe, comprehensive abortion care.



Clinical Practice Handbook for Safe Abortion

Publication Date: 2014

Intended to facilitate the practical application of the clinical recommendations from Safe Abortion (2nd edition), WHO, 2012. Aims to enable evidence-based decision-making for safe abortion care.



Health Worker Roles in Providing Safe Abortion Care and Post-Abortion Contraception by World Health Organization

Publication Date: 2015



Best Practice in Comprehensive Abortion Care by Royal College of Obstetricians and Gynaecologists

Publication Date: June 2015

Maternal and Perinatal Health



Ultrasound in Obstetrics and gynecology: A Practical Approach by Alfred Abuhamad, MD

Publication Date: 2014

On this page: E-books

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- [Maternal and Perinatal Health](#)
- [Maternal Mortality](#)
- [Reproductive Health Complications](#)

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)**

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Health Worker Roles in Providing Safe Abortion Care and Post-Abortion Contraception

Geneva: [World Health Organization](#); 2015.

ISBN-13: 978-92-4-154926-4

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Similar articles in PubMed

[Canadian Contraception Consensus \(Part 1 of 4\). \[J Obstet Gynaecol Can. 2015\]](#)[Meeting the needs of parents around the time of diagnosis of disability among their children: evaluation \[Pediatrics. 2004\]](#)

Planned and regulated task shifting and task sharing can have a range of benefits. It can ensure a rational optimization of the available health workforce, address health system shortages of specialized health-care professionals, improve equity in access to health care and increase the acceptability of health services for those receiving them. This guideline provides a range of options for expanding of health worker roles in the provision of safe abortion care, the management of complications of abortion (also known as post-abortion care in some settings and provided as part of emergency obstetric care) and for post-abortion contraception provision.

Contents

[Expand All](#) [Collapse All](#)[Acronyms and abbreviations](#)



Contemporary Gynecologic Practice by **Atef Darwish**
ISBN: 9789535117360
Publication Date: February 2015



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.



Advances in Labour and Risk Management Textbook by **The Society of Obstetricians and Gynecologists of Canada (SOGC)**
Publication Date: 2012



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.

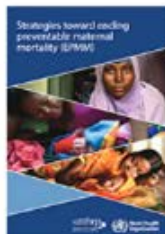


Pregnancy and Complex Social Factors: A Model for Service Provision for Pregnant Women with Complex Social Factors
Publication Date: 2010
NICE Clinical Guidelines, No. 110



From Preconception to Postpartum by **Stavros Sifakis and Nikolaos Vrachnis**
ISBN: 9789535110000

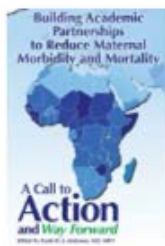
Maternal Mortality



Strategies Toward Ending Preventable Maternal Mortality (EPMM)
by **World Health Organization**
Publication Date: 2015



Trends in Maternal Mortality: 1990 to 2018 Estimates by WHO, UNICEF, UNFPA, World Bank Group and the United Nations Population Division
by **WHO, UNICEF, UNFPA, World Bank Group and the United Nations Population Division**
Publication Date: November 2015



Building Academic Partnerships to Reduce Maternal Morbidity and Mortality
by **Frank Anderson (Editor)**
ISBN: 9781607853220
Publication Date: 2013-12-16



Disease and Mortality in Sub-Saharan Africa
by **Eduard R. Bos (Editor); Karen J. Hofman (Editor); Khama O. Rogo (Editor); Florence K. Baingana (Editor); Dean T. Jamison (Editor); Richard G. Feachem (Editor); Malegapuru W. Makgoba (Editor)**
ISBN: 9780821363973
Publication Date: 2006



Improving Birth Outcomes: Meeting the Challenge in the Developing World
by **Judith R. Bale (Editor); Barbara J. Stoll (Editor); Adetokunbo O. Lucas (Editor); Institute of Medicine Staff (Contribution by); Improving Birth Outcomes Committee; Board on Global Health Staff**
ISBN: 9780309086141
Publication Date: 2003

Reproductive Health Complications



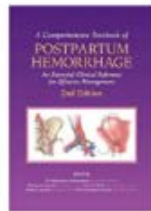
Managing Complications in Pregnancy and Childbirth by **World Health Organization**
Publication Date: 2003-05-31



Working Together to Stop Obstetric Fistula by **Katharina Gref**
Publication Date: January 2016
How to prevent fistula and the devastating social, economic and health problems caused by it are explained in this pamphlet. It includes information on the surgery to repair fistula and where to get it.



Ectopic Pregnancy and Miscarriage by **National Collaborating Centre for Women's and Children's Health (UK)**.
Publication Date: 2012 Dec.



A Comprehensive Textbook of Postpartum Hemorrhage 2nd Edition by **Sir Sabaratnam Arulkumaran et al.**
Publication Date: September 1, 2012
A clinical reference for management of postpartum hemorrhage.



Monitoring Emergency Obstetric Care by **World Health Organization Staff**
Publication Date: 2009-11-30
Describes emergency obstetric care indicators that can be used to measure progress in a programmatic continuum: from the availability of and access to emergency obstetric care to the use and quality of those services.



Endometriosis - Basic Concepts and Current Research Trends by **Koel Chaudhury and Baidyanath Chakravarty**
Publication Date: May 2012
Emerging trends in pathogenesis, diagnosis and management of endometriosis.

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Learning Videos (under construction)

Multimedia
<ul style="list-style-type: none"> • 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 WAHA International

Statistical Sources (selected)
<ul style="list-style-type: none"> • World Health Organization - Databases & Statistics • 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. • World Bank Open Data Provides download access to over 2000 indicators from the World Bank data sets including World Development Indicators. • 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. • data.unicef.org UNICEF Data: Monitoring the Situation of Children and Women • HealthMap: Global Disease Alert Map Brings together several data sources on current global state of infectious diseases and their effect on human and animal health. Data is aggregated by disease and displayed by location on global and regional maps. • 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. • UN Gender Info 2010 A global database of gender statistics and indicators on a wide range of policy areas, including: population, families, health, education, work, and political participation. Created by the United Nations Statistics Division in partnership with UNICEF and UN Population Fund. • Millennium Development Goals - Statistics The eight Millennium Development Goals (MDGs) – which range from halving extreme poverty to halting the spread of HIV/AIDS and providing universal primary education, all by the target date of 2015 – form a blueprint agreed to by all the world's countries and all the world's leading development institutions. They have galvanized unprecedented efforts to meet the needs of the world's poorest. • 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. • PMA2020 (Performance, Management and Accountability 2020) Uses mobile technology to gather population data on family planning and water, sanitation and hygiene.

Partner Country Reports

Visualizing Global Data
<ul style="list-style-type: none"> • World Bank eAtlas of Global Development An interactive data visualization tool that maps and graphs more than 175 indicators and allows users to compare data over time. • World Bank eAtlas of the Millennium Development Goals (MDG) A data visualization tool to map MDG indicators and progress towards achieving the MDG goals. • 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. • Google Public Data Explorer Easily explore, visualize, and communicate large data sets. Charts and maps animate over time, making the changes in the world easier to understand. • Gapminder: for a fact-based world view Displays various statistics about global indicators and world's countries. • Gutmacher Data State, national, and global sexual and reproductive health data. • Data Visualization - Institute for Health Metrics and Evaluation Data freely and easily accessible and to provide innovative ways to visualize complex global topics.

Partner Country Statistical Sources
--

emergencies.

- **Fistula Foundation**
YouTube channel for Fistula Foundation
- **Women and Health Alliance**
YouTube channel for WAHA International

The Institute for Health Metrics and Evaluation (IHME) is an independent global health research center at the University of Washington.

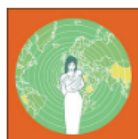
- **PMA2020 (Performance, Management and Accountability 2020)**
Uses mobile technology to gather population data on family planning and water, sanitation and hygiene.

- **Data visualization - Institute for Health Metrics and Evaluation**
Data freely and easily accessible and to provide innovative ways to visualize complex global topics.

Partner Country Reports



Ethiopia Poverty Assessment 2014 by World Bank Group
Publication Date: January 2015



Success factors for women's and children's health: Ethiopia by Ministry of Health Ethiopia, PMNCH, WHO, World Bank, AHP SR and participants in the Ethiopia multistakeholder policy review
Publication Date: 2015



2011 Ethiopia Demographic and Health Survey: Key Findings by Ethiopia Central Statistical Agency and ICF International
Publication Date: 2012



WHO Country Cooperation Strategy: Ethiopia, 2012-2015 by WHO Regional Office for Africa
Publication Date: 2013

Partner Country Statistical Sources

- **Ministry of Health, FDRE**
- **Ethiopian E-Service**
- **Central Statistical Agency**
- **Health Statistics Abstracts**



PMA2020 uses innovative mobile technology to support low-cost, rapid-turnaround to monitor key indicators for family planning. The project is implemented by local university and research organizations in 10 countries, deploying a cadre of female resident enumerators trained in mobile-assisted data collection. PMA2020/Ethiopia is led by the Addis Ababa University's School of Public Health at the College of Health Sciences (AAU/SPH/CHS), in collaboration with regional universities, the Federal Ministry of Health and the Central Statistics Agency. Overall direction and support is provided by the Bill & Melinda Gates Institute for Population and Reproductive Health at the Johns Hopkins Bloomberg School of Public Health and funded by the Bill & Melinda Gates Foundation.

For more information on PMA2020 please visit <http://www.pma2020.org>

KEY FAMILY PLANNING INDICATORS

Select Family Planning Indicators Across Recent Surveys (Married and All Women, Age 15-49)

	PMA2014 - R2		PMA2015 - R3		PMA2016 - R4	
	All	Married	All	Married	All	Married
Contraceptive Prevalence						
All Methods CPR	24.4	35.0	26.4	37.0	27.8	39.2
Modern Methods CPR	23.8	34.2	25.6	35.8	26.5	37.3
Long Acting CPR	5.7	8.2	6.3	8.8	7.1	10.1
Total Unmet Need	16.2	24.1	16.5	24.4	16.2	24.0
For Limiting	6.1	9.1	6.3	9.1	6.0	8.8
For Spacing	10.1	15.1	10.3	15.4	10.2	15.2
Total Demand	40.6	59.2	43.0	61.4	44.1	63.2
Demand Satisfied by Modern Method	58.7	57.8	59.5	58.3	60.1	59.1

Fertility Indicators (All Women)

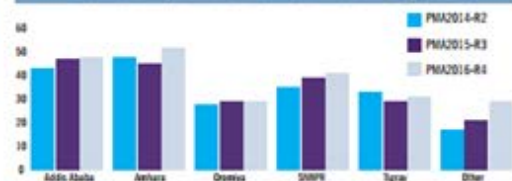
	PMA2014 Round 2	PMA2015 Round 3	PMA2016 Round 4
Recent Births Unintended (%)	39.0	34.3	39.0
Wanted Later	27.4	23.0	27.3
Wanted No More	11.7	11.3	11.8

Current Use and Unmet Need Among Married Women of Reproductive Age, by Wealth Quintile



Trends in mCPR and Method Mix, by Region and Survey

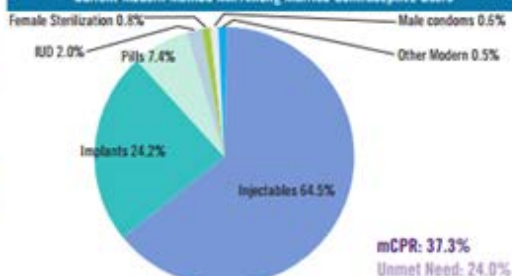
Modern Contraceptive Prevalence Rate (Married Women, age 15-49)



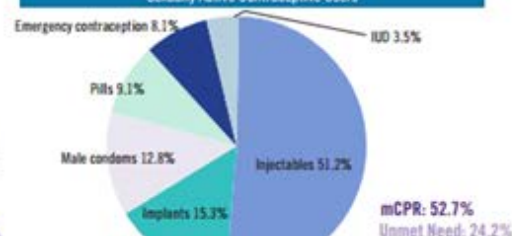
Trends in Modern Method Mix Across Recent Surveys (Married Women, Age 15-49)

Modern Method	PMA2014-R1	PMA2014-R2	PMA2015-R3	PMA2016-R4
Injectables	74.1	69.7	68.5	64.5
Implant	16.3	21.1	20.9	24.2
Pill	5.1	4.6	5.7	7.4
IUD	1.8	2.1	2.5	2.0

Current Modern Method Mix Among Married Contraceptive Users



Current Modern Method Mix Among Unmarried Sexually Active Contraceptive Users



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Learning Videos (under construction)

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- [Anatomy](#)
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- [Statistics](#)

Clinical Resources

- **LactMed App**
Find information about maternal and infant drug levels, possible effects on lactation and on breastfed infants, and alternative drugs to consider
- **Mobile Triage App**
Helps nurses to accurately and efficiently perform the South African Triage Scale.
- **AHRQ ePSS**
Download instructions can be found at this link.
- **AIDSinfo**
Information on HIV/AIDS treatment, prevention, and research from the U.S. Dept. of Health and Human Services. An **AIDSinfo HIV/AIDS Glossary** app with terms in English & Spanish is also available.
- **CDC STD Tx Guide**
An easy-to-use reference that helps health care providers identify and treat patients for STDs. More apps from the U.S. Centers for Disease Control and Prevention can be found [here](#).
- **Medscape from WebMD**
Contains over 80 tables and protocols, including workups, treatments, differential diagnoses, and drug interactions.
- **National Cancer Institute**
Accurate, up-to-date, comprehensive cancer information from the U.S. government's principal agency for cancer research.
- **Psychiatric Times Clinical Scales**
Psychiatric tests, scales, and forms that help in diagnosing mental illness and assist in treatment and follow-up.
- **Visual Dx**
Visually validate patient diagnosis and quickly access next steps for care.
- **UOG mobile app**
"Ultrasound in Obstetrics and Gynecology" brings you a stimulating, high-impact mixture of original research papers, systematic and narrative reviews, editorial and opinion articles, case reports and letters, and more.
- **Clinical Trials Mobile App**
Clinical Trials Mobile app provides access to search the National Library of Medicine (NLM) database of available clinical trials worldwide, find studies near you matching specified categories and keywords, and view detailed information about specific clinical trials.
- **pingmd**
PINGMD is HIPAA compliant secure text messaging for healthcare networks. It's a secure communication tool that helps physicians and healthcare providers coordinate care and collaborate on cases and efficiently manage communication over the continuum of care.

Public Health**Guidelines**

- **National Guideline Clearinghouse**
Evidence-based clinical practice guidelines. Guideline Summaries can be downloaded to hand-held devices.
- **National Institute for Health and Care Excellence (NICE) Guidelines - UK**
- **Clinical Guidelines from ACP**
Instructions for use and downloading free eReader.
- **NCCN Clinical Practice Guidelines in Oncology**
The standard for clinical policy in oncology. Free registration is required.

Clinical Calculators

- **WHO AnthroPlus**
A software for the global application of the WHO Reference 2007 for 5-19 years to monitor the growth of school-age children and adolescents. To show the continuity with the WHO Child Growth Standards for 0-5 years these are included in AnthroPlus for the three indicators that apply
- **Calculate**
Supports clinical decisions on diagnosis, treatment, or determining prognosis. From QxMD.
- **BMI Calculator**
From the U.S. National Heart, Lung and Blood Institute.
- **Manage CVD Risk in Reduced GFR**
Includes an interactive algorithm to quickly identify high-risk patients and apply evidence

Public Health

- **Health Map Mobile**
Provides real-time disease outbreak information; based on outbreak data of varying reliability (from news sources to curated personal accounts, to validated official alerts).
- **Magpi (formerly Epi Surveyor)**
Easily & inexpensively create mobile data collection forms for Android, iOS, Symbian, and SMS, all without programmers or tech consultants.
- **Public Health News**
Stay up-to-date on breaking public health news and research, plus events and activities going on around the Harvard School of Public Health.
- **Safe Pregnancy & Birth**
A comprehensive app on pregnancy and birth, especially for low resource settings. Available for iOS & Android, in English & Spanish. From Hesperian.
- **TOXNET**
Toxicology and environmental health databases: Hazardous Substances Data Bank (HSDB®); TOXLINE®; ChemIDplus®; TOXMAP®; WISER®; and Haz-Map®

Pharmaceuticals

- **Daily Med**
Provides access to over 20,000 structured product labels from the US Food and Drug Administration (FDA).

Please note: These resources are focused on US drugs and drug names.


- **Epocrates Rx**
Drug reference for download to your mobile device.
- **FDABLE**
Search the Food & Drug Administration (FDA) databases for adverse events, drug safety signals, medical device adverse events, and vaccine adverse events.
- **National Library of Medicine (NLM) Drug Information Portal**
Provides descriptions, drug names, pharmaceutical categories, and structural diagrams, with information links to 19 other resources, including PubMed, LactMed, and Drugs@FDA.

Literature Searching

- **IJGO mobile app**
The International Journal of Gynecology and Obstetrics app brings you the convenience of reading your favorite journal from anywhere in the world with just a tap.
- **PubMed for Handhelds**
Includes PICO search, askMEDLINE, MEDLINE/PubMed search, journal abstracts, and Disease Associations

to quickly identify high-risk patients and apply evidence-based strategies to assess and treat. Content adapted from KDOQI evidence-based clinical practice guidelines from the National Kidney Foundation.

Statistics

- **Measure DHS** 
Provides the major indicators for surveys - Demographic & Health Survey, AIDS Indicator Survey, & Malaria Indicator Survey - at your fingertips.
- **World Bank Mobile Apps**
Includes World Development Indicators 2015 Datafinder, ICP Datafinder, HealthStats Datafinder, Poverty and Inequality Datafinder and many other apps.

Anatomy

- **BioDigital Human Platform**
Visualizes anatomy, conditions and treatments, to provide new ways to augment health care applications.
- **CellAtlas**
Provides a guide to blood cell morphology, with mini lectures by experts and an extensive cell image database. From CellaVision.
- **Embryo App**
Provides digital serial sections of human embryos, in a multimedia format.

Indicator 2005 2011

(children per women) 3.4 4.0

Percentage of married women currently using any method of family planning	14.7	28.6
---	------	------

Percentage of married women currently using any modern method of family planning	13.9	27.3
--	------	------

Percentage of married women with an unmet need for family planning (Revised)	36.1	26.3
--	------	------

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Organizations

- [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.
- [Averting Maternal Death and Disability \(AMDD\)](#)
Collection of resources on emergency obstetric care.
- [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).
- [Guttmacher 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.
- [The Partnership for Maternal, Newborn and Child Health \(WHO\)](#)
Joins the reproductive, maternal, newborn and child health (RMNCH) communities into an alliance of more than 720 member organizations
- [Royal College of Obstetrics and Gynaecologists \(UK\)](#)
- [The Surviving Sepsis Campaign](#)
A joint collaboration of the Society of Critical Care Medicine and the European Society of Intensive Care Medicine committed to reducing mortality from severe sepsis and septic shock worldwide. Includes International Guidelines for Management of Severe Sepsis and Septic Shock: 2012.
- [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."
- [Women and Health Alliance \(WAHA\) International](#)
Women and Health Alliance International (WAHA) is an international non-profit, non governmental organisation based in France with the over-arching goal of addressing maternal and neonatal health.
- [IPAS](#)
- [Planned Parenthood](#)
- [International Initiative for Impact Evaluation \(3ie\)](#)
3ie is an NGO with the mission to "increase development effectiveness through better use of evidence in developing countries". Users can find and use evidence, investigate funding, and investigate evaluation resources.
- [Plan International](#)
A development and humanitarian organization that advocates for children's rights and equality for girls.



Good reproductive health policy starts with credible research

United States International

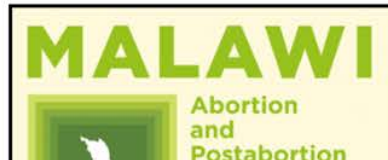
ABORTION CONTRACEPTION HIV & STIS PREGNANCY TEENS

NOW Planned Parenthood's critical role →

New Study Shows Sexuality Education Programs in Kenyan Schools Are Failing Students, Falling Short of International Standards

Young Kenyans Misinformed About Sex and Sexuality

International



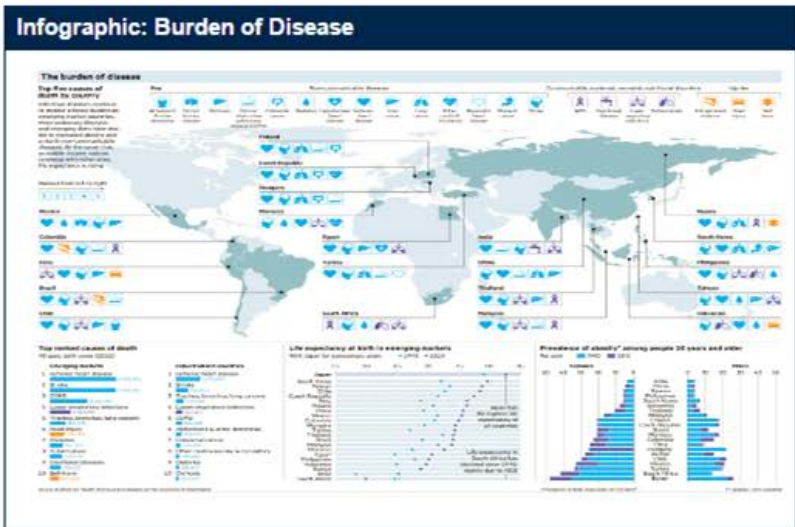
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Global Burden of Disease: Resources

- [Global Burden of Disease Report 2010 - Lancet, December 13, 2012](#)
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](#)
- [Essay: Reflections on the global burden of disease 2010 estimates.](#)
Byass P, de Courten M, Graham WJ, Laflamme L, McCaw-Binns A, Sankoh OA, Tollman SM, Zaba B. PLoS Medicine. 2013;10(7):e1001477.

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

- The global burden of childhood cancer: Knowing what we do not know. [↗](#) [i](#)
- Global Cardiovascular and Renal Outcomes of Reduced GFR. [↗](#) [i](#)
- Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. [↗](#) [i](#)

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

Lectures and Webcasts

- [Open.Michigan: Nursing 420, Global Burden of Disease](#)
Powerpoint for Nursing 420, authored by Dr. Jody Lori, University of Michigan School of Nursing
- [World Bank Webcast: The Global Burden of Disease](#)
- [IHME Webcast: Making Health Measurable: Using the Global Burden of Disease as a platform to track health performance](#)

Single | Explore | Compare ▾

Settings Use advanced settings

Display **Cause** Risk

Rank **Cause** Location

Category All causes ▾

Level 2

Metric **Deaths** YLDs DALYs

Location Ethiopia ▾

Range 1990 2015

Age All <5 5-14

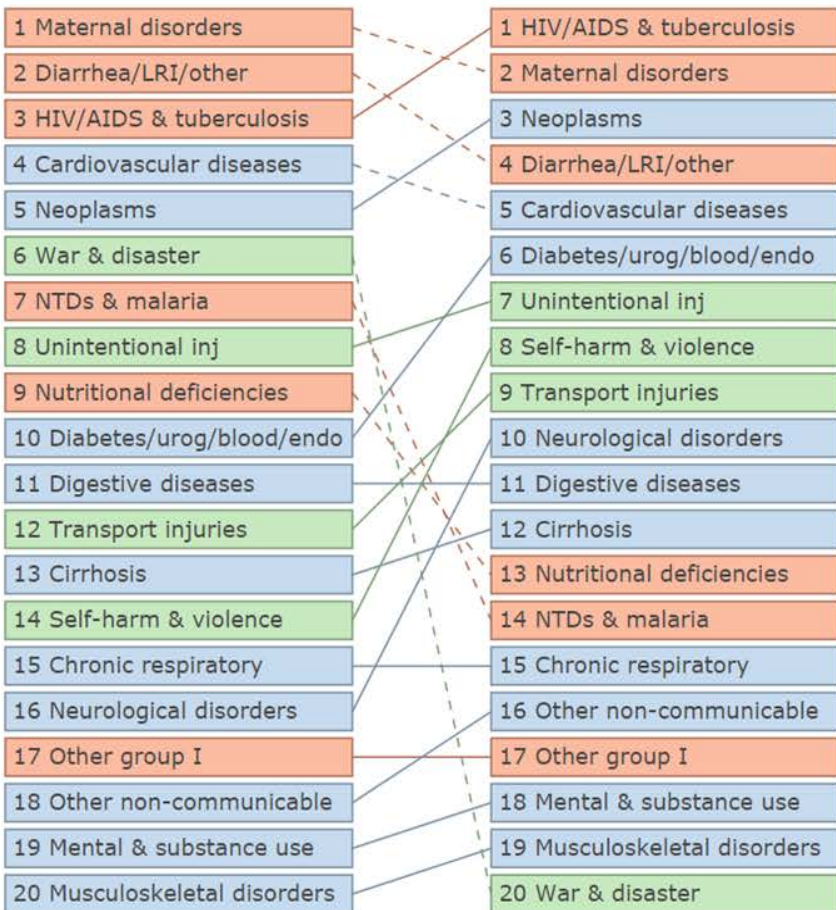
15-49 50-69 70+

Sex Male **Female** Both

Units # **Rate** %

[Take tour ▶](#)

Ethiopia
Females, 15-49 years, Deaths per 100,000
1990 rank | 2015 rank



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

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Getting Started: Mendeley

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

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](#)

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.

Power-Searching with Google

- [Google Search Optimization](#)
This University of Michigan video explains tips on how to get the results you want for academic/health research.

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CIRHT Journal Collection

Title with Web Link

[American Journal of Obstetrics & Gynecology](#)

[Contraception](#)

[European Journal of Obstetrics & Gynecology and Reproductive Biology](#)

[International Journal of Gynecology & Obstetrics](#)

[International Journal of Obstetric Anesthesia](#)

[Journal of Reproductive Health and Medicine](#)

[Reproductive Health Matters](#)

[The Lancet](#)

On this page: Accessing Newly Added Journals

Through the Center of International Reproductive Health Training (CIRHT), University of Michigan has purchased licenses for 8 Elsevier journals. Access is available to the 9 Ethiopian partner institutions. Instructions on this page are for each individuals at each institution eligible for access.

Directions to Access Journals

Step 1. Request an email account from your institution ICT department.

For St. Paul Hospital Millennium Medical College:

- Email can be checked at <https://mail.sphmmc.edu.et/owa>. Request a new account via the GoogleForm at: https://docs.google.com/forms/d/1RidjbQ8UT6L8-IPypl_cfo4Nt0Z5bTmdbG_kv5K1Uhk/viewform. The ICT department will then create an @sphmmc.edu.et email and reply with a username and a temporary password. The password must be changed at first login.

For Addis Ababa University:

- Email can be checked at <https://admin.google.com/aau.edu.et/Dashboard>. You can submit an online request to create an account at <http://www.aau.edu.et/ictsupport/>. Alternatively, <http://www.aau.edu.et/services/ict/ict-contact/> contains a list of phone numbers and email addresses for ICT staff at the university.

For Bahir Dar University:

- Institutional email may be accessed at <http://mail.bdu.edu.et/>. If you do not have an existing account, contact one of the information desks at <http://www.bdu.edu.et/page/information-desk>.

For Gondar College of Medicine and Health Sciences:

- Contact the ICT department to setup an account at <http://www.uog.edu.et/ict-support/technical-support-and-maintenance/>.

For Haramaya University School of Medical Sciences:

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Video: Writing in the Sciences, Module 1

2/56 Sainan SciWrite 1.1

Steps to becoming a better writer:

- In addition to taking this class, other things you can do to become a better writer:
 - Read, pay attention, and imitate.

Options for Publishing in the Sciences

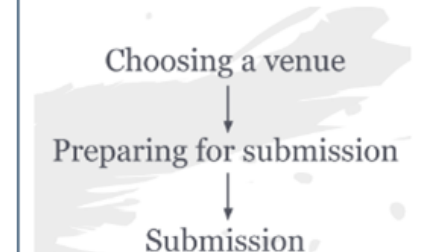
Researchers in the sciences are expanding their publishing venues from traditional journals, books, and conference proceedings to many other venues including webpages, social media, data publication, etc. As shown in the below diagram, different types of publications correspond to different stages of 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.

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

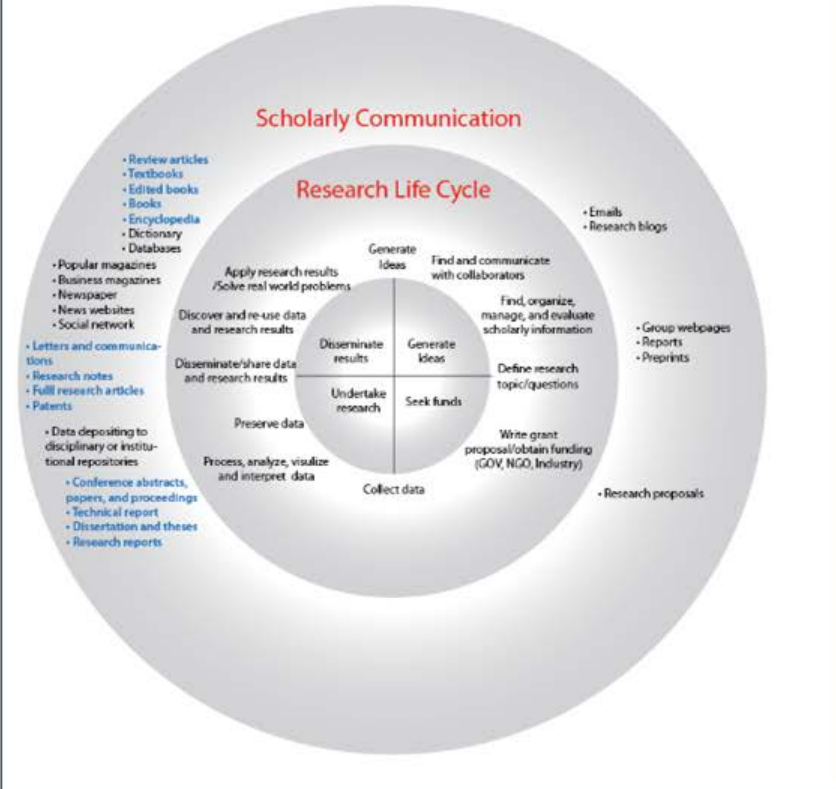
Steps of Scientific Publishing

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.

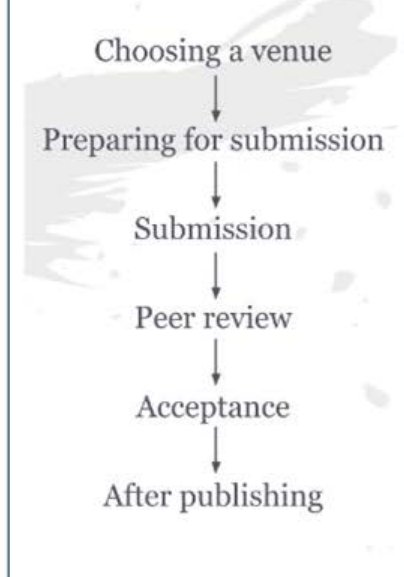


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questions?

