

WHO's Evidence-Based Guidelines for Family Planning

POSTGRADUATE TRAINING
IN
REPRODUCTIVE HEALTH

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What option would you prefer?

Faithwassistist Facts





The Four Cornerstones of evidence-based guidance

Medical Eligibility Criteria for Contraceptive Use



The Decision-Making Tool for Family Planning Clients and Providers

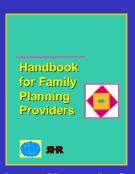
Decision-Making Tool for Family Planning Clients and Providers

Guidelines for policy-makers and programme managers



Tools for healthcare providers Selected Practice
Recommendations for
Contraceptive Use





Handbook for Family Planning Providers





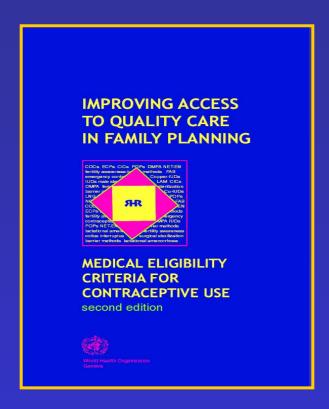
Why are the Four Cornerstones needed?

- To base family planning practices on the best available evidence
- To set global standards of care
- To improve quality of care

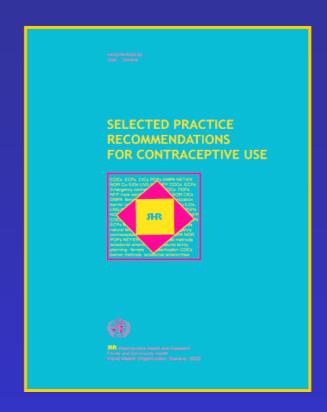




The evidence-based guidelines



Who can use contraceptive methods

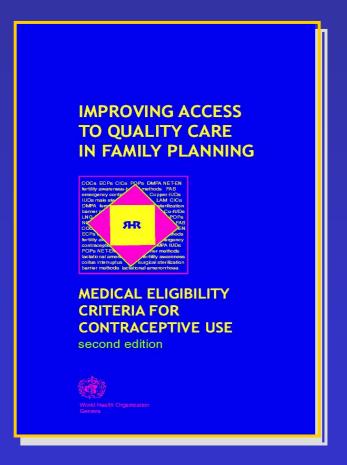


How to use contraceptive methods





Medical Eligibility Criteria for Contraceptive Use



- Addresses large gap in family planning guidance for women with medical problems or other special conditions
- Gives over 1700
 recommendations on
 who can use
 contraceptive methods



Methods of contraception

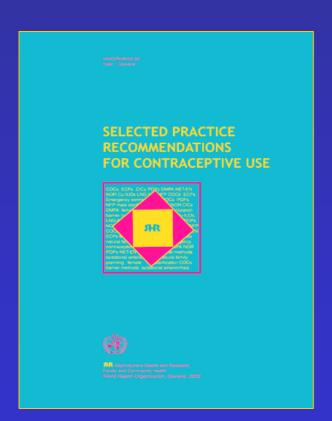
- Combined oral contraceptives
- Combined hormonal contraceptives (1 month injectables, patch, vaginal ring)
- Progestogen-only contraceptives (pills, implants, 2-3 month injectables)
- Emergency contraceptive pills
- IUDs (copper bearing and levonorgestrel)

- Emergency IUD
- Barrier methods (condoms, spermicides & diaphragm)
- Fertility awarenessbased methods
- Lactational amenorrhoea (LAM)
- Coitus Interruptus
- Sterilization (male and female)





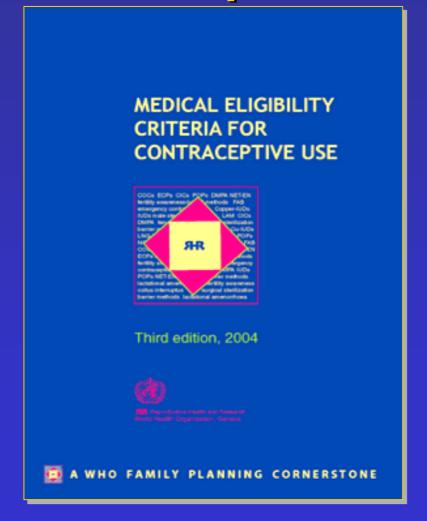
Selected Practice Recommendations for Contraceptive Use



- Standardizes guidance for the delivery of contraceptive services
- 33 selected questions on how to use contraceptive methods



Medical Eligibility Criteria for Contraceptive Use







Identification of conditions

- Conditions represent either:
 - an individual's characteristics (e.g., age, parity) or
 - a known pre-existing medical condition (e.g., hypertension)
- Identify based on national/local screening practice, according to public health importance
- Client history often most appropriate approach





Condition Classification Categories

- 1. No restriction for the use of the contraceptive method
- 2. The advantages of using the method generally outweigh the theoretical or proven risks
- 3. The theoretical or proven risks usually outweigh the advantages of using the method
- 4. An unacceptable health risk if the contraceptive method is used



Simplified Classification of Conditions

Classification	With Clinical Judgement	With Limited Clinical Judgement		
1	Use method in any circumstance	Yes		
2	Generally use the method	Yes		
3	Use of the method not usually recommended unless other more appropriate methods are not available or not acceptable	No		
4	Method not to be used	No		





Medical Eligibility Criteria Smoking and Contraceptive Use

CONDITION	COC	CIC	POP	NET-EN DMPA	NOR	Cu-IUD	LNG-IUD
SMOKING						Ι	
a) Age<35	2	2	1	1	1	1	1
b) Age <u>></u> 35							
(i) <15 cigarettes/day	3	2	1	1	1	1	1
(ii) <u>></u> 15 cigarettes/day	4	3	1	1	1	1	1



Case scenario 1

An 36 year old woman with three children comes to the health centre requesting oral contraceptives. She tells you she smokes 10 cigarettes per day.

- A) Are oral contraceptives medically appropriate for her?
- B) Does she have any other highly effective temporary contraceptive options?



Case scenario 1: the answer

A) Oral contraceptives are usually not appropriate for women who smoke over 35 unless other methods are not available or acceptable.

Women over 35 who smoke more than 15 cigarettes per day or more should not use combined oral contraceptives.

B) This client is medically eligible to use combined injectables, progestogen-only contraceptives, and IUDs.



Case Scenario 2

A 25 year old woman has just given birth and plans to breastfeed. She would like an injection for contraception prior to returning home. Which of the following options is medically appropriate?

- A) A combined injectable contraceptive provided immediately
- B) A combined injectable contraceptive provided at six weeks postpartum
- C) A progestogen-only injectable contraceptive provided immediately
- D) A progestogen-only injectable contraceptive provided at 6 weeks postpartum





Case scenario 2: the answer

D) A progestogen-only injectable contraceptive provided at 6 weeks postpartum.

Comment

- Combined injectables are not medically appropriate in breastfeeding women prior to 6 weeks postpartum, and generally should not be used until after 6 months postpartum.
- Progestogen-only injectables are medically appropriate in breastfeeding women at 6 weeks postpartum.
- Neonate may be at risk of exposure to steroid hormones during the first six weeks postpartum.





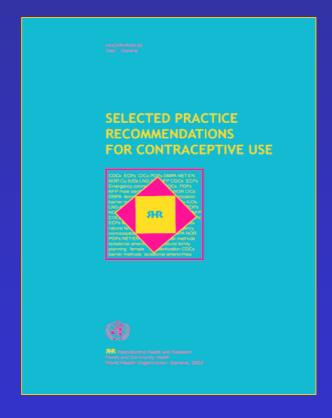
Global impact of the Medical Eligibility Criteria



- Translated into 11 languages
- Impact on guidelines in over 50 countries
- Integrated into popular texts



Selected Practice Recommendations for Contraceptive Use







33 questions on contraceptive use

- When to start
- When to re-administer
- How to manage problems
 - Missed pills
 - Bleeding (progestogen-only methods and IUDs)
 - Prophylactic antibiotics and IUD insertion
- What exams or tests should be done routinely
- Follow-up
- How to be reasonably sure a woman is not pregnant





Selected Practice Recommendations

For each question:

- Working Group's recommendations for key situations
- Comments by the Working Group
- Key unresolved issues
- Information about the evidence
 - Literature search question
 - Level of evidence
 - References identified by systematic review





When can a woman start COCs?

Having menstrual cycles

- She can start COCs within 5 days after the start of her menstrual bleeding. No additional contraceptive protection is needed.
- She can also start COCs at any other time, if it is reasonably certain that she is not pregnant. If it has been more than 5 days since menstrual bleeding started, she will need to abstain from sex or use additional contraceptive protection for the next 7 days.



When can a woman start COCs?

Working Group comments:

- Risk of ovulation within the first 5 days of the cycle is low.
- Suppression of ovulation was less reliable when starting COCs after day 5.
- 7 days of continuous COC use was necessary to reliably prevent ovulation.



When can a woman start COCs?

Key unresolved issues

Does starting each pill pack on a specific day of the week increase correct COC use?

Evidence

- Level II-1, fair
- Indirect



Routine exams or tests

- Class A = essential and mandatory in all circumstances for safe and effective use of the method
- Class B = contributes substantially to safe and effective use, but implementation may be considered within the public health and/or service context.
- Class C = does not contribute substantially to safe and effective use of the method



Routine exams or tests

Exam or screening	Hormonal methods	IUD	Condoms / Spermicide	Female sterilization
Breast exam	С	С	С	С
Pelvic exam	С	A	С	A
Cervical cancer	С	С	С	С
Routine lab tests	С	С	С	С
Haemoglobin	С	В	С	В
STI risk assessment	С	A	C*	С
STI screening	С	В	C*	С
Blood pressure	**	С	С	A

Class A: essential and mandatory in all circumstances

Class B: contributes substantially to safe and effective use

Class C: does not contribute substantially to safe and effective use





How to be reasonably sure a woman is not pregnant

No signs and symptoms of pregnancy AND Meets any of the following criteria:

- No intercourse since last normal menses
- Correctly and consistently using reliable method of contraception
- Within the first 7 days after normal menses
- Within 4 weeks postpartum for non-lactating women
- Within 7 days post-abortion or post-miscarriage
- Fully or nearly fully breastfeeding, amenorrhoeic, and less than 6 months postpartum





Case Scenario 1

A woman comes to the clinic requesting combined oral contraceptives on day 7 of her menstrual cycle. She has not had sexual intercourse since the first day of her menstrual period.

Which of the following is medically appropriate?

- A) advise her to return to clinic on the first day of her next menstrual period.
- B) provide her with pills and tell her that she can start now without any further precautions.
- C) provide her with pills and tell her that she can start now, but should abstain from sex or use additional contraceptive protection for the next 7 days.



Case Scenario 1: the answer

C) provide her with pills and tell her that she can start now ,but should abstain from sex or use additional contraceptive protection for the next 7 days.

Suppression of ovulation was considered to be less reliable when starting after day 5 or during amenorrhoea, seven days of continuous COC use was deemed necessary to reliably prevent ovulation.



Keeping the guidance up-to-date

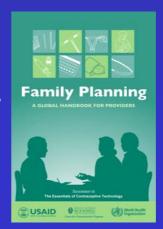


Guidelines for policy-makers and programme managers



Tools for healthcare providers





System for keeping the guidance up-to-date







Keeping up with the evidence...





Guidance based on evidence

- Adherence to WHO 'Guidelines for Guidelines'
- Systematic reviews of evidence
- Continuous monitoring of new evidence through the Continuous Identification of Research Evidence (CIRE System)
- Citations of evidence used for decision-making

Step 1:



Identify new evidence pertaining to contraceptive safety and efficacy

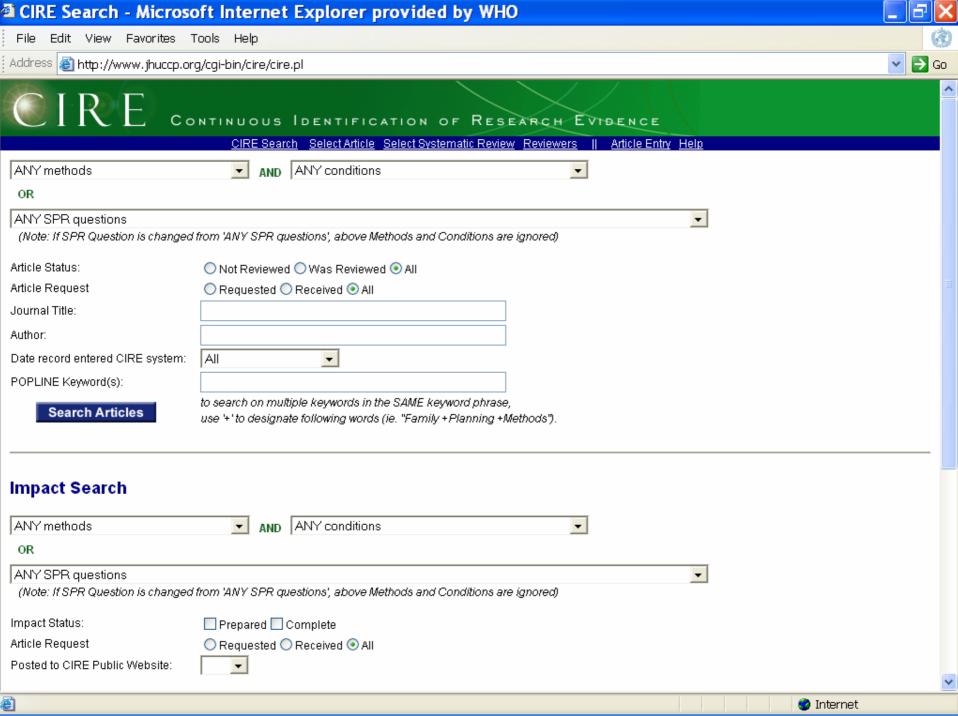


Post records on CIRE database

Step 3:



Screen for relevance to MEC and SPR



Step 4:



Update existing or conduct new systematic review

Step 5:

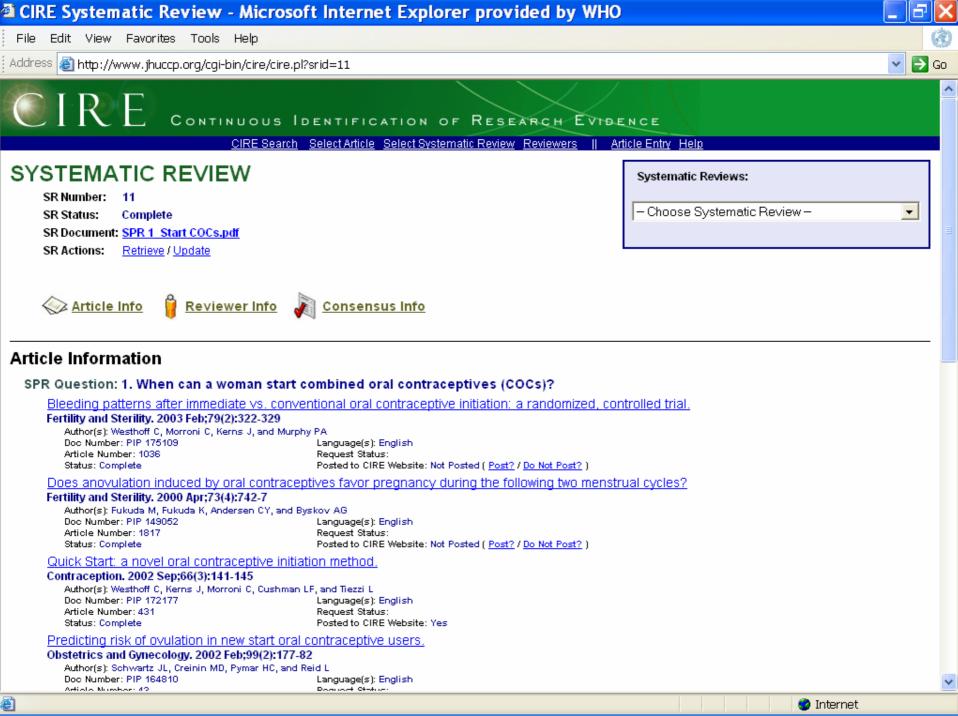


Send for peer review

Step 6:



Evaluate the need to update guidance in MEC/SPR





Evaluating the need to update the guidance

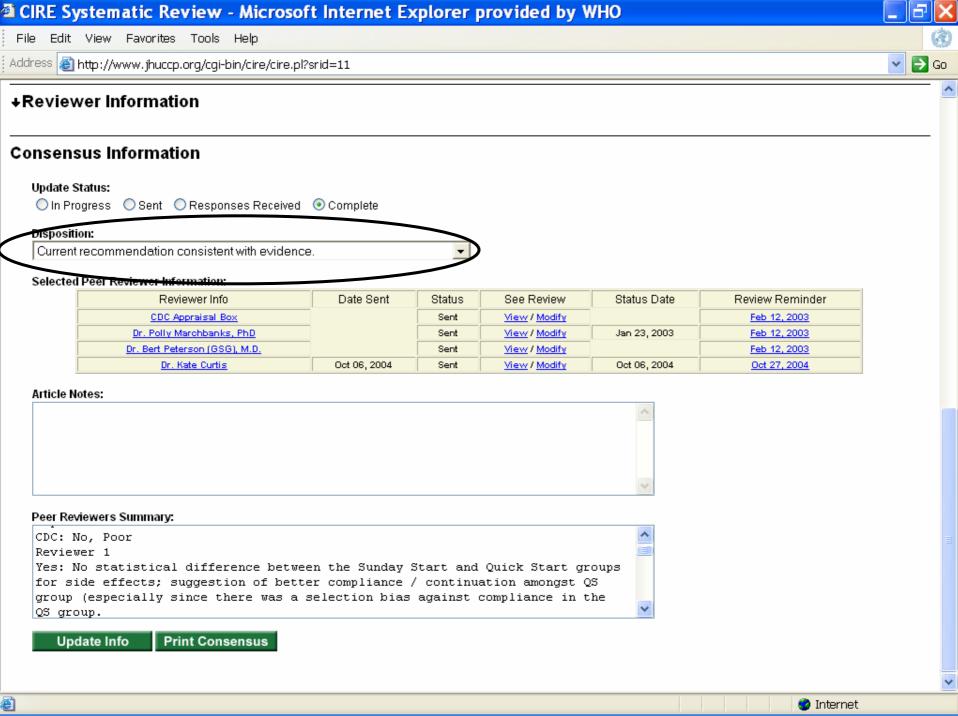
If consistent with current guidance or not urgent:

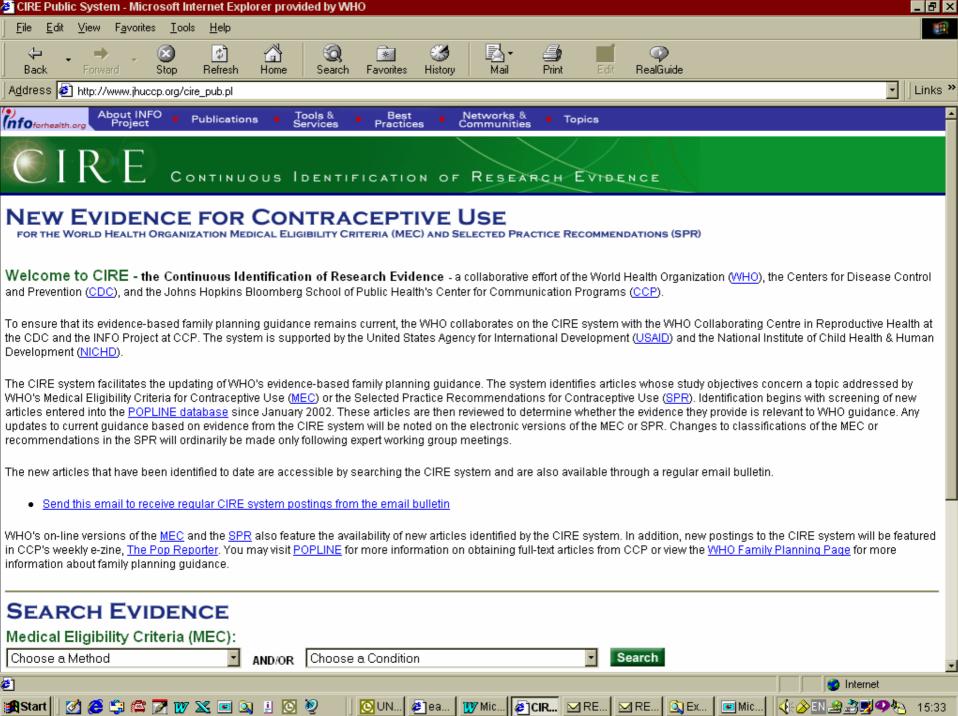
Review at next Expert Working Group Meeting

If inconsistent and urgent:



Consult Guideline Steering Group and post guidance updates on web





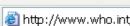
Family planning - Guidance updates - Microsoft Internet Explorer provided by WHO

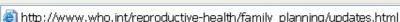






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Family Planning

Family planning home Evidence-based guidance Guidance updates Documents & publications

Research:

Safety & effectiveness of methods

New & improved methods Social & behavioural

What's new:

Hormonal Contraception and HIV: Science and Policy Decision-making tool for family planning clients &

providers WHO Statement on carcinogenicity of combined hormonal contraceptives and combined menopausal treatment WHO Statement on hormonal

contraception and bone health

Levonorgestrel for emergency contraception Levonorgestrel para

Anticoncepción de Emergencia

Lévonorgestrel et contraception d'urgence

Related link:

Reproductive Health Library

Guidance updates

To ensure that its evidence-based family planning guidance remains current, the WHO collaborates on the CIRE system (Continuous Identification of Research Evidence) with the WHO Collaborating Centre in Reproductive Health at the CDC and the INFO Project at CCP. In this way, WHO monitors the publication of new research evidence that may affect the recommendations contained in the Medical Eligibility Criteria for Contraceptive Use.

Since the latest publications of the Medical Eligibility Criteria in 2004, and the Selected Practice Recommendations in 2005, new evidence or new recommendations by other WHO bodies have been identified to warrant comments on or changes to the original guidelines. The new updates are shown below.

New information is available on the following:



WHO Statement on hormonal contraception and risk of STI acquisition (July 2005)

Statement (PDF - 31 KB)

This statement does not affect current quidance.



WHO Statement on hormonal contraception and bone health (July 2005)

Statement (PDF - 2 pages - 103 KB)

This statement does not affect current guidance.

The CIRE system identifies articles whose study objectives concern a topic addressed by WHO's Medical Eligibility Criteria for Contraceptive Use (MEC) or the Selected Practice Recommendations for Contraceptive Use (SPR), Identification begins with screening of new articles entered into the POPLINE database since January 2002. These articles are then reviewed to determine whether the evidence they provide is relevant to WHO quidance. Any updates to current quidance based on evidence from the CIRE system will be noted on the electronic versions of the MEC or SPR. Changes to classifications of the MEC or recommendations in the SPR will ordinarily be made only following expert working group meetings.

The new articles that have been identified to date are accessible by searching the CIRE system and are also available through a regular email bulletin. The system is supported by the United States Agency for International Development (USAID) and the National Institute of Child Health & Human Development (NICHD).

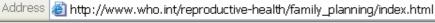


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Family planning home

Guidance updates

Research:

methods

Evidence-based guidance

Documents & publications

Safety & effectiveness of

New & improved methods

Hormonal Contraception and

hormonal contraceptives and

WHO Statement on hormonal

Reproductive Health Library

HIV: Science and Policy

Decision-making tool for

family planning clients &

WHO Statement on carcinogenicity of combined

combined menopausal

Social & behavioural

What's new:

providers

treatment

Family Planning

Unmet needs

There are still some 123 million women around the world, mostly in developing countries, who are not using contraception in spite of an expressed desire to space or limit the numbers of their births. 1

An estimated 38% of all pregnancies occuring around the world every year are unintended, and around 6 out of 10 such unplanned pregnancies result in an induced abortion.

A woman's ability to space or limit the number of her pregnancies has a direct impact on her health and well-being as well as the outcome of her pregnancy. In enabling women to exercise their reproductive rights, family planning programmes can also improve the social and economic circumstances of women and their families.



Evidence-based guidance on contraceptive use

Decision-Making Tool for Family Planning Clients and Providers

An evidence-based tool to promote high-quality family planning Junselling. <u>More info/full</u>



Third edition of the Medical **Eligibility Criteria for** Contraceptive Use

More information/full text <u> Français - Español - русский -</u>

Português:

Second edition of the Selected Practice Recommendations for Contraceptive Use

More information/full text

Español - Français - русский

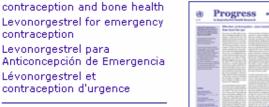
Photo credits

WHO's role in promoting FP

The reasons why family planning needs are often not met are varied, but include: poor access to quality services, a limited choice of methods, lack of information, concerns about safety or side-effects and partner disapproval.

WHO is currently addressing some of these needs in working to help

- improve the safety and effectiveness of contraceptives methods;
- widen the range of family planning methods available to women and men.



Progress newsletter

Issue 68 (June 2005)

Contraceptive methods-better information for a wider

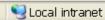
Who is eligible to use the different types of contraceptives? Safe and effective use of contraceptives Some recommendations for the use of oral contraceptives Some recommendations for the use of emergency contraception Some recommendations for the use of levonorgestrel releasing

How to be reasonably certain a woman is not pregnant 8 pages (PDF 285 KB)

intrauterine devices (LNG IUDs)









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Department of Reproductive Health and Research (RHR), World Health Organization



Family Planning

Family planning Safety & effectiveness New & improved methods

Service delivery

Resources

Family planning materials Other reproductive health resources

Unmet needs

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An estimated 38% of all pregnancies occuring around the world every year are unintended, and around 6 out of 10 such unplanned pregnancies result in an induced abortion 2

A woman's ability to space or limit the number of her pregnancies has a direct impact on her health and well-being as well as the outcome of her pregnancy. In enabling women to exercise their reproductive rights, family planning programmes can also improve the social and economic circumstances of women and their families.

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WHO is currently addressing some of these needs in working to help

- improve the safety and effectiveness of contraceptives methods;
- widen the range of family planning methods available to women and men;
- improve the quality of family planning service delivery.



Evidence-based guidance

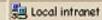


The Medical Eligibility Criteria for

Selected Practice Recommendations for

The CIRE System to ensure that family planning guidance remains current. Guidance updates



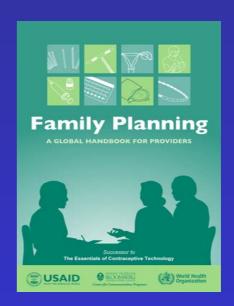




Tools for health care providers



Decision-Making Tool for Family Planning Clients and Providers



Handbook for Family Planning Providers

Decision-making Tool for Family Planning Clients and Providers



- A tool for primary and secondary level FP providers and their clients
- Facilitates the interaction between the client and the provider
- Promotes informed choice of a contraceptive method
- Adaptable to local contexts





You can find a method right for you



We can discuss:

- Your needs & concerns
- Your partner's or family's attitudes
- HIV / AIDS, other sexually transmitted infections (STIs)
- How methods are used
- Want more children?

...and Providers

Experiences with family planning

Decision-Making Tool for Clients...

No method

You can find a method right for you



We can discuss:

- Your needs & concerns
- · Your partner's or family's attitudes
 - HIV / AIDS, other sexually transmitted infections (STIs)
 - How methods are used
 - Want more children?
- Experiences with family planning

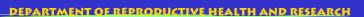
- 1 Encourage client to tell own story. You can ask, "What leads you to seek family planning?"
- . What does client want in a method? Listen for clues. Ask follow-up questions.
- Note other health and social needs for help or referral.
- 2 Raise issues at left if client does not discuss them.
- If client is unsure of HIV/AIDS/STI risk or story suggests STI risk, go to dual protection tab now.
- 3 Ask questions to see if method suits client's personal circumstances. For example: "Are you the kind of person who can remember to take a pill each day?"
- (Asking questions enables client to agree or explain.)
- Continue discussing until method needs are clear to both you and the client

Next Move:

- 1. Once client expresses needs, summarize (for example, "long-acting, very effective, reversible).
 - 2. "Now let's talk about which methods offer this." Go to next page.











Best Practices in Client-Provider Interaction

Do you have a method in mind?



If you do, let's talk about how well it suits your needs

- What have you heard about it?
- What do you like about it?

If not, we can find a method right for you

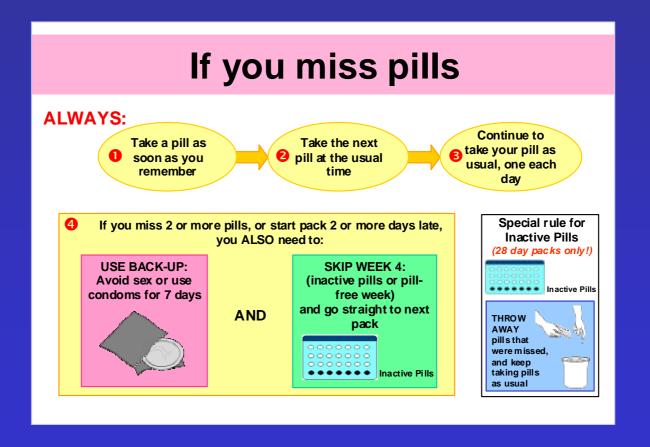


Important for choosing a method:

Do you need protection from pregnancy AND sexually transmitted infections?



Evidence-Based Technical Information





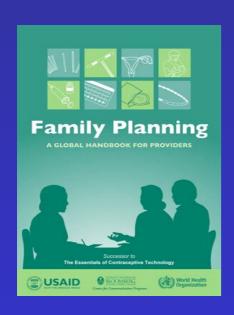
The Handbook for Family Planning Providers







The Handbook for Family Planning Providers



- A reference guide/tool for providers
- To contain all WHO FP guidance
- Publication expected in 2007
- Being produced in partnership with the creators of 'The Essentials of Contraceptive Technology' (JHU/CCP)



Materials derived from the guidelines

FHI'S QUICK REFERENCE CHART for the Medical Eligibility Criteria of the WHO

to initiate the use of

Combined Oral Contraceptives (COC), Noristerat (NET-EN), Depo-Provera (DMPA), Copper Intrauterine Devices (Cu-IUD)

	0.02-27	COC	NET-EN/DMPA	Cu-IUD			COC	NET-EN/OMPA	Cu-IUD
Menarche to 39 years					Known hyperlipidemias				
	40 years or more				Cancers	Cervical			
	Menarche to 17 years	100		- 1	l	Endometrial	4		
Age	18 years to 45 years		je –	- 1		Ovarian		4 7	
	More than 45 years			- 1	Breast	Undiagnosed mass			
	Less than 20 years				disease	Family history of cancer			
	20 years or more					Current cancer	S.	4	
Nulliparous					Uterine fibroids		4	A STATE OF THE STA	
Breast- feeding	Less than 6 weeks postpartum			*	Endometriosis				
	6 weeks to 6 months postpartum	05			Trophoblast dis	0350		3	
	6 months postpartum or more	26			Vaginal	Irregular without heavy bleeding			
Smoking	Age < 35 years	(2)			bleeding patterns Cirrhosis	Heavy or prolonged, regular and irregular	1		
	Age ≥ 35 years, < 15 cigarettes/day	Te				Unexplained bleeding			
	Age ≥ 35 years, ≥ 15 cigarettes/day	8)				Mild	0		
	History of hypertension where blood					Severe	G.	- 2	
	pressure CANNOT be evaluated				Current sympto	matic gall bladder disease			
Hypertension Headaches	Controlled and CAN be evaluated				Cholestasis	Related to the pregnancy			
	Systolic 140 - 159 or Diastolic 90 - 99	10				Related to oral contraceptives			
	Systolic ≥ 160 or Diastolic ≥ 100	(1)			Hepatitis	Active	1		
	Non-migrainous. Mild or severe.					The client is a carrier			
	Migraine without focal neurologic symptoms				Liver tumors				
	Age < 35 years			9	STI/PID	Current or within the last 3 months			
	Age ≥ 35 years					Increased risk of STI	5	8	
	Migraines with focal neurologic symptoms	0			HIV/AIDS				
History of deep venous thrombosis		9			Iron deficiency anemia Malaria			1 0	
Superficial thrombophlebitis Complicated valvular heart disease		100			Non-pelvic tuberculosis		_		
					Thyroid disease			_	
Ischemic heart disease / stroke Diabetes Non-vascular disease		16			Use of:	Rifampicin, griseofulvin and some anticonvulsants			
Diane was	Vascular disease or diabetes of > 20 years	175			000 01:	Other antibiotics	-		
	vascular disease or disceles of 220 years					OTHER BUILDINGS			

Category 2 Generally use. Category 4 The method should not be used.

Postpartum IUD use by breastheding and non-breastheding women is Category 2 up to 48 hours postpartum. Category 3 from 48 hours to four weeks, and Category 1 four weeks and after.

"Postpartum ILD use by breastfeeding and non-breastfeeding women is Category 2 up to 48 hours postpartum, Category 3 from 48 hours to four weeks, and Category 1 four weeks and afte Source: Adapted from Improving Access to Quality Care in Family Planning: Medical Eligibility Criteria for Contraceptive Use, Geneva: World Health Organization, Second edition, 2000. Printed with funds from USAID and developed by Family Health International.

D Family Health International, January 2002

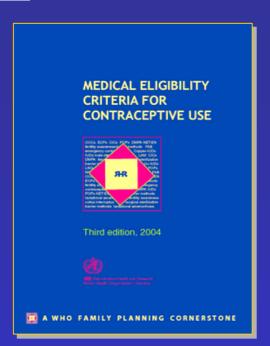


Source: www.fhi.org/en/fp/fpother/elegibility/whomastercriteria.pdf

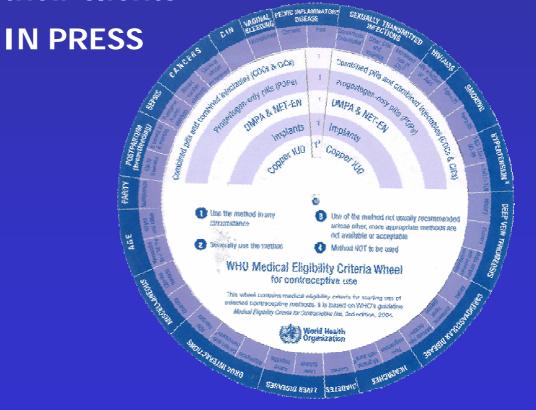




The Medical Eligibility Criteria Wheel



- A new tool for providers
- An easy to use job aid
- Helps providers quickly identify Medical Eligibility Criteria relevant to their clients



Reproductive Choices and Family Planning For People with HIV





- Two-day training and job aid an adaptation of the Decision-Making Tool for Family Planning Clients and Providers
- Developed as part of Integrated Management of Adolescent and Adult Illness (IMAI) series
- Field tested in Uganda and Lesotho
- Completed and printed in late 2006
- Developed in collaboration with the INFO Project at Johns Hopkins Bloomberg School of Public Health

