who recommendations for augmentation of labour



WHO recommendations for **augmentation of labour**



WHO Library Cataloguing-in-Publication Data

WHO recommendations for augmentation of labour.

1.Dystocia – prevention and control. 2.Labor, Induced – methods. 3.Labor, Induced - standards. 4.Labor Presentation. 5.Perinatal Care – methods. 6.Guideline. 1.World Health Organization.

ISBN 978 92 4 150736 3

(NLM classification: WQ 440)

© World Health Organization 2014

All rights reserved. Publications of the World Health Organization are available on the WHO website (www.who.int) or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int).

Requests for permission to reproduce or translate WHO publications —whether for sale or for non-commercial distribution—should be addressed to WHO Press through the WHO website (www.who.int/about/licensing/copyright_form/en/index. html).

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

Table of Contents

Ack	nowledgements	1
Acro	onyms and abbreviations	2
Exe	cutive summary	3
	Introduction	3
	Guideline development methods	3
	Guiding principles	4
	Summary list of WHO recommendations for augmentation of labour	5
1. B	ackground	6
	1.1 Target audience	6
2. M	lethods	7
	2.1 Declaration of interests by participants at the WHO technical consultation	8
	2.2 Decision-making during the technical consultation	8
	2.3 Document preparation and peer review	9
3. R	esults	9
	3.1 Guiding principles	9
	3.2 Definition of delay in the first stage of labour	10
	3.3 Evidence and recommendations	10
4. R	esearch implications	44
	4.1 Key research priorities	44
	4.2 Other research questions	44
5. D	issemination and implementation of the guideline	44
	5.1 Guideline dissemination and evaluation	44
	5.2 Guideline implementation	45
6. A	pplicability issues	45
	6.1 Anticipated impact on the organization of care and resources	45
	6.2 Monitoring and evaluating the guideline implementation	45
7. U	pdating the guideline	46
Refe	erences	47
Ann	ex 1. External experts and WHO staff involved in the preparation of the guideline	49
Ann	ex 2. Critical and important outcomes for decision-making	52
Ann	ex 3. Summary of the considerations related to the strength of the recommendations (balance worksheets)	53

The standardized criteria used in grading the evidence and GRADE tables are not included in this document although table numbers – prefixed with "EB" for evidence base – are included for ease of reference. The full evidence tables have been published in a separate document entitled *WHO recommendations for augmentation of labour: evidence base,* which can be accessed online at www.who.int/reproductivehealth/topics/maternal_perinatal/augmentation-labour.

Acknowledgements

Work on this guideline was initiated by A. Metin Gülmezoglu, João Paulo Souza and Mariana Widmer, of the WHO Department of Reproductive Health and Research, and Matthews Mathai, of the WHO Department of Maternal, Newborn, Child and Adolescent Health. Olufemi Oladapo, of the WHO Department of Reproductive Health and Research, coordinated the development of the guideline and drafted this document. Therese Dowswell and Helen West, of the Cochrane Pregnancy and Childbirth Group, University of Liverpool, United Kingdom, reviewed the scientific evidence related to augmentation of labour, prepared the GRADE tables and drafted the narrative summaries of evidence used in this guideline. Sonja Henderson, also of the Cochrane Pregnancy and Childbirth Group, University of Liverpool, United Kingdom, coordinated the updating of relevant Cochrane reviews and review of the scientific evidence. The GRADE tables were double-checked by Olufemi Oladapo. A. Metin Gülmezoglu, João Paulo Souza and Matthews Mathai commented on the draft document before it was reviewed by participants at the WHO technical consultation on augmentation of labour and external reviewers.

WHO extends sincere thanks to Zahida Qureshi, of the University of Nairobi, Kenya, for chairing the technical consultation. We acknowledge the valuable feedback provided by a large number of international stakeholders during the online consultation, which took place before the meeting, as part of the guideline development process.

WHO gratefully acknowledges the continued support of the United States Agency for International Development (USAID) in this area of work. Special thanks are due to the authors of the systematic reviews used in this guideline for their assistance and collaboration in updating the reviews. WHO is also grateful to the Cochrane Pregnancy and Childbirth Group, especially the staff at their Liverpool office in the United Kingdom, for their support in updating the Cochrane reviews.

Acronyms and abbreviations

CI confidence interval

EB evidence base

FWC Family, Women's and Children's Health (a WHO cluster)

GDG Guideline Development Group

GRADE Grading of Recommendations Assessment, Development and Evaluation

GREAT Guideline development, Research priorities, Evidence synthesis, Applicability of evidence, Transfer of knowledge

(a WHO project)

hr hour

IM intramuscular

IV intravenous

MCA [WHO Department of] Maternal, Newborn, Child and Adolescent Health

mcg microgram

MD mean difference

min minute

ml millilitre

MPA Maternal and Perinatal Health & Preventing Unsafe Abortion (a team in WHO's Department of Reproductive Health

and Research)

NICU neonatal intensive care unit

PPH postpartum haemorrhage

RCT randomized controlled trial

RHR [WHO Department of] Reproductive Health and Research

RR relative risk

TENS transcutaneous electrical nerve stimulation

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5_27862



