## **Education material for teachers of midwifery**

Midwifery education modules - second edition

# Managing prolonged and obstructed labour



3



## **Education material for teachers of midwifery**

Midwifery education modules - second edition

### Managing prolonged and obstructed labour





WHO Library Cataloguing-in-Publication Data

World Health Organization.

Education material for teachers of midwifery : midwifery education modules. - 2<sup>nd</sup> ed.

6 modules in 1 v.

Contents: Foundation module : the midwife in the community -- Managing eclampsia -- Managing incomplete abortion -- Managing prolonged and obstructed labour -- Managing postpartum haemorrhage -- Managing puerperal sepsis.

1. Midwifery – education. 2. Pregnancy complications – therapy. 3. Teaching materials. I. Title II. Title: Midwifery education modules.

ISBN 978 92 4 154666 9

(NLM classification: WQ 160)

#### © World Health Organization 2008

All rights reserved. Publications of the World Health Organization can be obtained 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 noncommercial distribution – should be addressed to WHO Press, at the above address (fax: +41 22 791 4806; e-mail: permissions@who.int).

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.

Printed in France

### ACKNOWLEDGEMENTS

The midwifery modules have been developed by the World Health Organization (WHO) because of the need for education materials to facilitate the teaching of the midwifery skills required to respond to the major causes of maternal death.

Ms Gaynor Maclean developed the initial draft of the modules and pretested some of the teaching–learning methods in two African countries. Ms Friederike Wittgenstein prepared the field-testing version of the modules, retaining most of the ideas and methods included in the initial draft. Ms Judith O'Heir developed the field-testing protocol, coordinated the field-testing activities in five countries in Africa, Asia and the Pacific, and completed the modules following field-testing. Ms Barbara Kwast, and later Sister Anne Thompson, both midwives of international repute, were responsible as WHO staff members for the nurturing, development, production and ultimately, the dissemination and use of the modules.

WHO gratefully acknowledges the contribution of many individuals and institutions in particular, the International Confederation of Midwives (ICM) and the American College of Nurse-Midwives (ACNM), who were involved in the development, pretesting, refining, field-testing and completion of the modules. Deep appreciation is expressed to individuals in the field-testing countries for the time and effort they devoted to using the field-testing version, and to their invaluable comments for the final version.

This second edition of the midwifery modules has been developed under the auspices of the Making Pregnancy Safer team, with valuable contributions from other colleagues within the Department of Reproductive Health and Research. Layout of the modules was done by Ms Maureen Dunphy and overall administration was carried out by Ms Shamilah Akram. This second edition is being published jointly by WHO and ICM, who would like to thank Ms Betty Sweet and Ms Judith O'Heir for the revision and updating of the modules, all the members of the Strengthening Midwifery Technical Meeting held in Geneva 2001 for their valuable comments, contributions and helpful suggestions for further improvements in finalizing the second edition and IPAS for their comments and assistance with the preparation of the new module on Management of incomplete abortion and post-abortion care, and for kind permission to use their illustrations.

Finally, WHO gratefully acknowledges the financial contributions made in support of this and related activities within the Maternal Health and Safe Motherhood Programme, and later the Making Pregnancy Safer initiative, from the governments of Australia, Italy, Norway, Sweden and Switzerland, the Carnegie Corporation, the Rockefeller Foundation, UNDP, UNICEF, UNFPA, and the World Bank. Financial support for the production of the first edition of the modules was provided by the Carnegie Corporation, the governments of Italy and Japan, and the Swedish International Development Cooperation Authority.

### TABLE OF CONTENTS

Introduction 1
Summary of module 12
Getting started
Session 1: Understanding prolonged and obstructed labour
Session 2: Avoidable factors
Session 3: Identifying the problem
Session 4: Preventing prolonged and obstructed labour 53
Session 5: Managing prolonged labour
Session 6: Managing obstructed labour
Session 7: Learning clinical skills
Session 8: Vacuum extraction
Session 9: Case studies
Glossary

### INTRODUCTION





https://www.yunbaogao.cn/report/index/report?reportId=5\_29479