Step by Step® Active Management of Labor



System requirement:

- Windows XP or above
- Power DVD player (Software)
- Windows media player 10.0 version or above (Software)

Accompanying DVD ROM is playable only in Computer and not in DVD player.

Kindly wait for few seconds for DVD to autorun. If it does not autorun then please do the following:

- Click on my computer
- Click the drive labelled JAYPEE and after opening the drive, kindly double click the file Jaypee

DVD Contents

- 1. Safety Aspects of Labor and Delivery
- 2. Programmed Labor
- 3. Basis of Human Birth
- 4. Active Management of Third Stage of Labor
- 5. Partograms

Step by Step® Active Management of Labor

Sudhir R Shah MD DGO FLCOG

Head of Obstetrics and Gynecology Department Dashashrimali Hospital, Kotharia Naka Rajkot, India

Beena N Trivedi MD

Senior Gynecologist Dashashrimali Hospital, Kotharia Naka Rajkot, India

Manish R Pandya MD

Associate Professor of Ob/Gyn CUS Medical College Dr Manish Pandya Hospital Lati Plot, Surendranagar, India

Dipal D Solanki MD

Gynecologist Dashashrimali Hospital, Kotharia Naka Rajkot, India



JAYPEE BROTHERS MEDICAL PUBLISHERS (P) LTD

New Delhi • Ahmedabad • Bengaluru • Chennai • Hyderabad Kochi • Kolkata • Lucknow • Mumbai • Nagpur • St Louis (USA) Published by

Jitendar P Vij

Jaypee Brothers Medical Publishers (P) Ltd

Corporate Office

4838/24 Ansari Road, Daryaganj, New Delhi - 110002, India, Phone: +91-11-43574357 Registered Office

B-3 EMCA House, 23/23B Ansari Road, Daryaganj, New Delhi - 110 002, India Phones: +91-11-23272143, +91-11-23272703, +91-11-23282021

+91-11-23245672, Rel: +91-11-32558559, Fax: +91-11-23276490, +91-11-23245683 e-mail: jaypee@jaypeebrothers.com, Visit our website: www.jaypeebrothers.com

Branches

- 2/B, Akruti Society, Jodhpur Gam Road Satellite
 Ahmedabad 380 015, Phones: +91-79-26926233, Rel: +91-79-32988717
 Fax: +91-79-26927094, e-mail: ahmedabad@jaypeebrothers.com
- 202 Batavia Chambers, 8 Kumara Krupa Road, Kumara Park East
 Bengaluru 560 001, Phones: +91-80-22285971, +91-80-22382956, 91-80-22372664
 Rel: +91-80-32714073, Fax: +91-80-22281761
 e-mail: bangalore@jaypeebrothers.com
- 282 Illrd Floor, Khaleel Shirazi Estate, Fountain Plaza, Pantheon Road Chennai 600 008, Phones: +91-44-28193265, +91-44-28194897, Rel: +91-44-32972089 Fax: +91-44-28193231 e-mail: chennai@jaypeebrothers.com
- 4-2-1067/1-3, 1st Floor, Balaji Building, Ramkote Cross Road, Hyderabad 500 095, Phones: +91-40-66610020, +91-40-24758498 Rel:+91-40-32940929, Fax:+91-40-24758499 e-mail: hyderabad@jaypeebrothers.com
- No. 41/3098, B & B1, Kuruvi Building, St. Vincent Road
 Kochi 682 018, Kerala, Phones: +91-484-4036109, +91-484-2395739
 +91-484-2395740 e-mail: kochi@jaypeebrothers.com
- 1-A Indian Mirror Street, Wellington Square Kolkata 700013, Phones: +91-33-22651926, +91-33-22276404
 +91-33-22276415, Rel: +91-33-32901926, Fax: +91-33-22656075
 e-mail: kolkata@jaypeebrothers.com
- Lekhraj Market III, B-2, Sector-4, Faizabad Road, Indira Nagar Lucknow 226 016 Phones: +91-522-3040553, +91-522-3040554 e-mail: lucknow@jaypeebrothers.com
- 106 Amit Industrial Estate, 61 Dr SS Rao Road, Near MGM Hospital, Parel Mumbai 400 012, Phones: +91-22-24124863, +91-22-24104532, Rel: +91-22-32926896, Fax: +91-22-24160828
 e-mail: mumbai@jaypeebrothers.com
- "KAMALPUSHPA" 38, Reshimbag, Opp. Mohota Science College, Umred Road Nagpur 440 009 (MS), Phone: Rel: +91-712-3245220, Fax: +91-712-2704275 e-mail: nagpur@jaypeebrothers.com

USA Office

1745, Pheasant Run Drive, Maryland Heights (Missouri), MO 63043, USA, Ph: 001-636-6279734

e-mail: jaypee@jaypeebrothers.com, anjulav@jaypeebrothers.com

Active Management of Labor

© 2009, Jaypee Brothers Medical Publishers

All rights reserved. No part of this publication and Interactive DVD ROM should be reproduced, stored in a retrieval system, or transmitted in any form or by any means: electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the author and the publisher.

This book has been published in good faith that the material provided by author is original. Every effort is made to ensure accuracy of material, but the publisher, printer and author will not be held responsible for any inadvertent error(s). In case of any dispute, all legal matters are to be settled under Delhi jurisdiction only.

First Edition: 2009

ISBN 978-81-8448-556-1

Typeset at JPBMP typesetting unit Printed at Ajanta Offset & Packagings Ltd., New Delhi We dedicate this book to Every Newborn on this Earth

Preface

Obstetricians are always in the learning curve so far as conduction of labor is concerned. An apprehensive obstetrician tried to study the progress of labor in graphical manner and developed partogram.

Active Management of Labor is the need of the present era in the field of Obstetrics. Undue prolong labor causes fetal, maternal and obstetrician's distress. Fetal and maternal morbidity and mortality can be reduced to a great level by managing the labor in most scientific way, instead of non-active watchful expectancy. All the 'primigravida' gives a test for vaginal delivery in a fearful and stressful mental status. Obstetrician's duty is to help them professionally and with humanity level. This will make their first labor experience stressless and enjoyable.

We have tried to describe the basics of active management of labor in this small and ready reference book, keeping a primigravida in picture. The book has been written out of our 25 years' experience with this subject *Active Management of Labor*. It was the subject of the dissertation of Dr Sudhir R Shah in the year 1979 for Master Degree in our field of Obstetrics and Gynecology, under the guidance of Dr Raman M Nadkarni at VS Hospital, Ahmedabad, India. Those days, this concept was new and Philpott and O'Driscoll set the ball running with this idea having inserted Alert line and Action line in Friedmann's Nomogram in 1974.

viii Active Management of Labor

Dr Shirish Daftary – O'Driscoll of India is one of the pioneers to bring the concept of active management of labor to India. He has the credit to form Indian Nomogram. We salute to Dr Shirish Daftary for his great achievement.

Wishing you a good and grand new reading.

Sudhir R Shah Beena N Trivedi Manish R Pandya Dipal D Solanki

Reference

As a matter of fact, this small booklet is the result of knowledge gained after reading number of books on this subject ranging from Indian authors to International authors, publications of our FOGSI, journals, recent advances added with the personal experience gained by private practice and treating patients for number of years, attending and participated in workshops and seminars on this interesting subject.

For the details of each chapter, readers are requested to go through the textbooks.

Authors

Acknowledgements

We are thankful to:

- Our idols and friends in this fraternity who encouraged us to pen this book.
- Jaypee Brothers Medical Publishers (P) Ltd, New Delhi for constant encouragement and provoking us to write this book.
- Our Trustees, Superintendent and Medical Director for encouragement and support to write this book.
- Our family members Mrs Jyoti Shah, Dr Nimish Trivedi (MCh Neurosurgeon), Dr Nehal Pandya (MD DVD) and Dr Dharmesh Solanki (DM Cardiologist) have provided us constant encouragement to come up with this novel subject.
- Number of other friends who helped us in many ways.

Step by Step® Active Management of Labor

Sudhir R Shah

Contents

01
13
35
49
55
79
85
91
97
105
119
127
131
147