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1. EPT.14-4 Reducing complications in a caesarean section at full dilation using fetal pillow: a prospective randomised trial. Seel, S; Barma’at, SC; Elbirwa, P; De, A; Kamar, P; Mahfery, J. J.O.G.O. Volume 120, Issue Supplement s1, 25 June 2012.
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ROBuST
RCOG Operative Birth Simulation Training
Course Manual
Edited by
George Attilakos, Tim Draycott, Alison Gale, Dimitrios Siassakos and Cathy Winter
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Finally, we would like to thank all the trainers who will deliver this training course on behalf of RCOG in the future.

George Attilakos, Tim Draycott, Alison Gale, Dimitrios Siassakos and Cathy Winter
Abbreviations

ACOG .................. American College of Obstetricians and Gynecologists
BMI ................... body mass index
BPD .................... biparietal diameter
CEFM .................. continuous electronic fetal monitoring
CPD .................... cephalopelvic disproportion
CS ..................... caesarean section
CSF .................... cerebrospinal fluid
CTG ................... cardiotocography
DDI ................... decision to delivery interval
DOA .................. direct occipito-anterior
DOP .................. direct occipito-posterior
EFM .................. electronic fetal monitoring
FBS .................. fetal blood samples
GA .................... general anaesthesia
HIE ................... hypoxic-ischaemic encephalopathy
ICU ................... intensive care unit
ITU ................... infrapubic translabial ultrasound
LA .................... local anaesthetic
NHSLA ............... National Health Service Litigation Authority
NICE ................ National Institute for Health and Care Excellence
OA ................... occipito-anterior
OP .................. occipito-posterior
OT .................. occipito-transverse
OVB ................ operative vaginal birth
RCOG ............ Royal College of Obstetricians and Gynaecologists
VTE ................ venous thromboembolism
WHO .............. World Health Organization
Preface

In order to ensure we provide the highest quality of care to women, RCOG sets high standards in training. The emphasis is to ensure that the future specialists acquire both technical and non-technical skills, which together are essential to correctly manage patients within a well-functioning team of professionals. Providing training with these aims is at the forefront of RCOG educational objectives. This book provides those who are learning new skills to gain from experts’ knowledge and experience. The associated course allows those in training to gain technical and non-technical skills, using simulation, in a safe environment and will ultimately improve the care offered to women.

Dr Clare McKenzie
RCOG Vice President (Education)

This book is intended for trainees attending the RCOG Operative Birth Simulation Training (ROBuST) course. However I anticipate that all obstetricians and obstetric trainees will find it useful and informative. To get the most out of the ROBuST course I recommend reading this book prior to attending but many of the chapters will also be useful for future reference. While this book covers the fundamentals of operative vaginal birth (OVB) it has been written to comprehensively cover the subject.

The individual chapters have been commissioned from nationally and internationally recognised experts, who have provided accounts of their own experiences and techniques. These techniques and alternatives will be taught on the hands-on ROBuST course.

This text and course have been developed to improve training in OVB worldwide, with the ultimate aim of improving safety for mothers and babies. Simulation training in obstetrics has the benefit of facilitating learning in technical and nontechnical skills in a safe environment, without any risk of patient harm.

The course is delivered in 1 day. It includes short lectures, demonstrations of technique (nonrotational and rotational OVB and caesarean section at full dilatation) and hands-on practice. Important generic skills including teamwork, communication and documentation are also covered.

I hope that you find this book useful and enjoy the course.

Alison Gale
Lead Editor and Simulation Advisor to RCOG