Comprehensive Textbook of Postpartum Hemorrhage: An Essential Clinical Reference for Effective Management

Arulkumaran, Sabaratnam


Table of Contents

?The Editors
?The Contributors

?Foreword
G. Serour and A. B. Lalonde

?Editors’ Preface
Sir S. Arulkumaran, M. Karoshi, L. G. Keith, A. B. Lalonde and C. B-Lynch

Section 1: Essential ?Must Read? Chapters

?Managing the Ten Most Common Life-Threatening Scenarios Associated with Postpartum Hemorrhage
M. Karoshi, J. M. Palacios-Jaraquemada and L. G. Keith

?Uterovaginal Blood Supply: the S1 and S2 Segmental Concepts and their Clinical Relevance
J. M. Palacios-Jaraquemada, M. Karoshi and L. G. Keith

?Management of Exsanguinating Patients in Trauma: a Model for Postpartum Hemorrhage
J. B. Elterman, G. M. Riha and M. A. Schreiber

?Transfusion Management of Obstetric Hemorrhage
E. Lockhart

?Early Use of Fibrinogen in the Treatment of Postpartum Hemorrhage
O. Onwuemene, D. Green and L. G. Keith

?New Approaches to Transfusion Therapy for Postpartum Hemorrhage
M. J. Paidas

Section 2: Introduction

?Is Postpartum Hemorrhage a Legacy of our Evolutionary Past?
E. T. Abrams and J. N. Rutherford

?Postpartum Hemorrhage Today: Living in the Shadow of the Taj Mahal
A. B. Lalonde, J. Liljestrand, H. Rushwan and P. Okong

?Blood Loss: Accuracy of Visual Estimation
A. B. Roston, A. L. Roston and A. Patel

?Assessing and Replenishing Lost Volume
J. G. L. Cockings and C. S. Waldmann

?Pitfalls in Assessing Blood Loss and Decision to Transfer
B. S. Kodkany, R. J. Derman and N. L. Sloan

?Doppler Evaluation of Hemodynamic Changes in Uterine Blood Flow

?Pathophysiology of Postpartum Hemorrhage and Third Stage of Labor
R. U. Khan and H. El-Refaey

?Active Management of the Third Stage of Labor
M. P. O’Connell

?Active Management of the Third Stage of Labor: Current Evidence, Instructions for Use and Global Programmatic Activities
D. Armbruster, A. Lalonde, S. Engelbrecht and B. Carbonne

Section 3: Demographic Considerations

?Definitions and classifications
A. Coker and R. Oliver

?Definitions, Vital Statistics and Risk Factors: an Overview
M.J. Cameron

?Maternal Morbidity and Near Misses: Determining the Real Numbers
M. E. Campbell and J. Barrett

?Problems in Determining Accurate Rates of Postpartum Hemorrhage
J. C. Bello-Munoz and L. Cabero-Roura

D. Fleming, R. Gangopadhyay, M. Karoshi and S. Arulkumaran

?Declining Mortality Rate from Postpartum Hemorrhage in Japan and Factors Influencing the Changes, 1950?2009
Section 4: Causation

Hemodynamic Changes in the Uterus and its Blood Vessels in Pregnancy
F. Burbank

Obstetric Trauma
D. G. Evans and C. B. Lynch

Bleeding from the Lower Genital Tract
A. Duncan and C. von Widekind

Acquired and Congenital Hemostatic Disorders in Pregnancy and the Puerperium
R. V. Ganchev and C. A. Ludlam

Vascular Malformations as a Cause of Postpartum Hemorrhage
K. Hayes

Section 5: Placental Abnormalities

Management of Placenta Accreta
G. Kayem, L. Sentilhes, G. Grangé, T. Schmitz, V. Tsatsaris, D. Cabrol and F. Goffinet

The Management of Placenta Accreta at Queen's Hospital, Romford, UK
M. O. Thompson, C. Otigbah, A. Kelkar, A. Coker, A. Pankhania and S. Kapoor

Mifepristone and Misoprostol for the Management of Placenta Accreta: an Alternative Approach
R. K. Atalla

One-Step Conservative Surgery for Abnormal Invasive Placenta (Placenta Accreta?Increta?Percreta)
J. M. Palacios-Jaraquemada

Section 6: Misoprostol

Misoprostol: theory and practice
M. B. Bellad and S. Goudar

Misoprostol in practice
C. E. Henderson, H. El-Refaey and M. Potts

Overview of Misoprostol Studies in Postpartum Hemorrhage
A. Hemmerling

Sublingual misoprostol in the management of postpartum hemorrhage
R. Dabash, I. Dzuba and B. Winikoff

Section 7: Hospital Preparation

Labor Ward Drills
M. K. Tipples and S. Paterson-Brown

Preparedness for Postpartum Hemorrhage: an Obstetric Hemorrhage Equipment Tray
T. F. Baskett

Non-pneumatic Anti-Shock Garments: Clinical Trials and Results
S. Miller, J. L. Morris, M. M. F. Fahal, O. Ojengbede, M. Mourad-Yousif and P. Hensleigh (deceased)

The Mechanisms of Action of the Non-Pneumatic Anti-Shock Garment
A. L. Stenson, S. Miller and F. Lester

Building Hospital Systems for the Care of Women with Major Obstetric Hemorrhage
D. W. Skupske, G. S. Eglinton and I. P. Lowenwirt

State Mandated Training in Obstetric Hemorrhage: the Illinois Model
R. Malapati, A. Patel and E. S. Linn

Section 8: Therapy for Atonic Bleeding

Management of Postpartum Hemorrhage at the Community Level at Home
N. Prata

Standard Medical Therapy for Postpartum Hemorrhage
J. Unterscheider, F. Breathnach and M. Geary

Carbetocin for the Prevention of Postpartum Hemorrhage
D. Cordovani, J. C. A. Carvalho, M. Boucher and D. Farine

Intraluminal Pressure Readings whilst Achieving a Positive ?Tamponade Test? in the Management of Postpartum Hemorrhage
C. Georgiou

Internal Uterine Tamponade
D. Danso and P. W. Reginald

Balloon Internal Uterine Tamponade: Experience with 39 Patients from a Single Institution
S. Ferrazzani, A. Pelleri, C. Piscicelli and S. De Carolis

Using the Uterine-Specific Bakri Balloon in the Management of Postpartum Hemorrhage: Case Series and Conceptual/Practical Guidelines
Section 9: Therapy for Non-atonic Bleeding

Conservative Surgical Management
C. B-Lynch and H. Shah
Internal iliac (Hypogastric) Artery Ligation
C. B-Lynch, L. G. Keith and W. B. Campbell
Initial Interventions to Combat Hemorrhage during Cesarean Section and Internal Iliac Artery Ligation
V. P. Paily
The Pelvic Pressure Pack and the Uterovaginal Balloon System
G. A. Dildy III
Peripartum Hysterectomy
T. F. Baskett
The Management of Secondary Postpartum Hemorrhage
K. M. Groom and T. Z. Jacobson
Use of Fibrin Sealants in Obstetric Hemorrhage
S. Mahmoud and E. El Hamamy
Topical Hemostatic Agents in Obstetric Hemorrhage: International Case Reports
C. Wohlmuth and J. Dela Merced

Section 10: Consequences of Postpartum Hemorrhage

Topical The Normal and Pathologic Postpartum Uterus
P. Kelehan and E. E. Mooney
Severe Acute Maternal Morbidity and Postpartum Hemorrhage
A. Vais and S. Bewley
Learning to Treat Postpartum Hemorrhage: a Spectrum of Modern Teaching/Learning Modalities
E. El Hamamy and C. B-Lynch
Intensive Care Management after Major Postpartum Hemorrhage
R. Hebbali and M. Chauhan
Litigation: an International Perspective
K. J. Dalton

Section 11: How Health Professionals Deal with Postpartum Hemorrhage

Management of Postpartum Hemorrhage in Low Resource Settings
V. Walvekar, A. Virkud and R. Majumder
The Obstetrician Confronts Postpartum Hemorrhage
M. E. Setchell
The Midwife Confronts Postpartum Hemorrhage
A. M. Ward
A Community-Based Continuum of Care Model for the Prevention and Treatment of Postpartum Hemorrhage in Low Resource Settings
C. T. Kapungu, A. Koch, S. Miller and S. E. Geller
Human Behavior in Medical Emergencies: Learning from Past Mistakes
E. Evans and H. Snellgrove

Section 12: Special Circumstances

Out-of-Hospital Deliveries
E. Sheiner, I. Ohel and A. Hadar
Intraoperative Autologous Blood Transfusion
S. Catling and D. Thomas
Treating Hemorrhage from Secondary Abdominal Pregnancy: Then and Now
N. A. Dastur, A. E. Dastur and P. D. Tank
Jehovah’s Witnesses and Those Who Refuse Blood Transfusion
E. El-Hamamy and D. S. Newman
MamaNatalie?: a Birthing Simulator for Realistic Training to Control Postpartum Hemorrhage
I. Neuman and A. B. Lalonde

Appendix: FIGO Guidelines: Prevention and Treatment of Postpartum Hemorrhage in Low-Resource Settings