

Contents

XI Contributors

XIX Preface

Chapter 1

1 Pediatric Thrombosis and Hemostasis: A Historical Perspective

Brandão, L.R. (Toronto, ON); Blanchette, V.S. (Toronto, ON)

Chapter 2

13 Hemostasis and Its Regulation

Rand, M.L. (Toronto, ON); Revel-Vilk, S. (Jerusalem); Israels, S.J. (Winnipeg, MB)

Chapter 3

25 Bleeding in the Neonate

Mathews, N. (Toronto, ON/Montréal, QC); Avila, L. (Toronto, ON); Whyte, H. (Toronto, ON);
Blanchette, V.S. (Toronto, ON)

Chapter 4

50 An Approach to the Bleeding Child

Malcolmson, C. (Toronto, ON); Jackson, M. (Toronto, ON); Israels, S.J. (Winnipeg, MB);
Rand, M.L. (Toronto, ON); Revel-Vilk, S. (Jerusalem)

Chapter 5

60 Heavy Menstrual Bleeding in Adolescents

Malcolmson, C. (Toronto, ON); Bouskill, V. (Toronto, ON); Taryam AlShamsi, E. (Dubai);
Bloomfield, V. (Toronto, ON); Winikoff, R. (Montréal, QC); Revel-Vilk, S. (Jerusalem)

Chapter 6

70 Inherited Platelet Disorders

Labarque, V. (Leuven); Al-Huniti, A. (Rochester, MN); Al-Zahrani, A. (Riyadh); Kahr, W.H.A. (Toronto, ON)

Chapter 7

97 Acquired Platelet Disorders

Breakey, V.R. (Hamilton, ON); Kühne, T. (Basel); Songthawee, N. (Songkhla); Curtin, J. (Sydney, NSW);
Blanchette, V.S. (Toronto, ON)

Chapter 8

117 Hemophilia

Gouw, S.C. (Amsterdam); Zapotocka, E. (Prague); Bouskill, V. (Toronto, ON); Ricciardi, J.B.S. (São Paulo); Carcao, M.D. (Toronto, ON)

Chapter 9

145 Von Willebrand Disease

Natesirinilkul, R. (Chiang Mai); Lobianco e Souza, L. (Toronto, ON); Barnes, C. (Melbourne, VIC); Blanchette, V.S. (Toronto, ON); James, P.D. (Kingston, ON)

Chapter 10

164 Rare Inherited Coagulation Factor Deficiencies

Livingston, J. (Edmonton, AB); Blanchette, V.S. (Toronto, ON); Faisal Khanani, M. (Abu Dhabi); Revel-Vilk, S. (Jerusalem)

Chapter 11

188 Acquired Bleeding Disorders

Kumar, R. (Boston, MA); Schmugge, M. (Zurich); Pelland-Marcotte, M.-C. (Québec City, QC); Carcao, M.D. (Toronto, ON)

Chapter 12

216 Hemostatic and Thrombotic Challenges in Vascular Anomalies

Tole, S. (London, ON); Price, V. (Halifax, NS); Adams, D. (Philadelphia, PA); Amaral, J.G. (Toronto, ON); Carcao, M.D. (Toronto, ON)

Chapter 13

233 Diagnostic Approach to Thrombosis and Thrombophilia

Sabapathy, C. (Montréal, QC); Amid, A. (Vancouver, BC); Kumar, R. (Boston, MA); Avila, L. (Toronto, ON); van Ommen, H. (Rotterdam)

Chapter 14

256 Venous Thrombosis

Pelland-Marcotte, M.-C. (Québec City, QC); Avila, L. (Toronto, ON); Temple, M. (Memphis, TN); Williams, S. (Toronto, ON)

Chapter 15

275 Arterial Thrombosis

Rizzi, M. (Bellinzona/Lausanne); Chan, A.K.C. (Hamilton, ON); Bosch, A. (Toronto, ON/Zurich); Albisetti, M. (Zurich)

Chapter 16

288 Thromboembolic Events at Specific Organ Sites

Labarque, V. (Leuven); Mandel-Shorer, N. (Haifa); Robertson, J. (South Brisbane, QLD); Williams, S. (Toronto, ON)

Chapter 17

307 Stroke

Pulcine, E. (Toronto, ON); Andrade, A. (London, ON); Vargas Nino, A.C. (Toronto, ON); Williams, S. (Toronto, ON); Ichord, R.N. (Philadelphia, PA); Dlamini, N. (Toronto, ON)

Chapter 18

336 Bleeding and Thrombotic Complications in the Setting of Cardiac Disease

VanderPluym, C.J. (Boston, MA); McCrindle, B. (Toronto, ON); Brandão, L.R. (Toronto, ON)

Chapter 19

359 Hemostasis Management during Mechanical Circulatory Support

Power, A. (Toronto, ON); Todd, M. (Toronto, ON); Vargas-Gutierrez, M. (Ottawa, ON); Annich, G. (Toronto, ON); Jeewa, A. (Toronto, ON); Guerguerian, A.-M. (Toronto, ON); Brandão, L.R. (Toronto, ON)

Chapter 20

385 Antithrombotic Therapy

Biss, T. (Newcastle upon Tyne); Male, C. (Vienna); Vincelli, J. (Toronto, ON); Monagle, P. (Melbourne, VIC)

Chapter 21

411 Genetic Testing and Counseling for Inherited Bleeding and Clotting Disorders

Babul-Hirji, R. (Toronto, ON); Bouskill, V. (Toronto, ON); Vincelli, J. (Toronto, ON); Carcao, M.D. (Toronto, ON)

Appendix I

423 Bleeding Assessment Tools

Rand, M.L. (Toronto, ON); Israels, S.J. (Winnipeg, MB); Blanchette, V.S. (Toronto, ON); James, P.D. (Kingston, ON)

Appendix II

431 Reference Ranges for Common Tests of Bleeding and Clotting

Al-Huniti, A. (Rochester, MN); Pruthi, R.K. (Rochester, MN); Rand, M.L. (Toronto, ON); Avila, L. (Toronto, ON); Monagle, P. (Melbourne, VIC)

Appendix III

447 Common Products Used to Manage Disorders of Hemostasis and Thrombosis

Zabeida, A. (Toronto, ON); Koo, A. (Toronto, ON); Blanchette, V.S. (Toronto, ON); Robitaille, N. (Montréal, QC)

Appendix IV

463 Connective Tissue Disorders Associated with Bleeding (Ehlers-Danlos Syndrome and Hereditary Hemorrhagic Telangiectasia)

Banov, L. (Genova); Dindial, K. (San Juan); O'Connor, C. (Toronto, ON); Mendoza-Londono, R. (Toronto, ON); Carcao, M.D. (Toronto, ON)

470 Abbreviations

480 Subject Index