

1. Record Nr.	UNINA9910132172903321
Titolo	Transfusion-free medicine and surgery // edited by Nicolas Jabbour ; contributors Katrina A. Bramstedt [and twenty four others]
Pubbl/distr/stampa	Chichester, England : , : Wiley Blackwell, , 2014 ©2014
ISBN	1-118-55471-X 1-118-55468-X 1-118-55469-8
Edizione	[Second edition.]
Descrizione fisica	1 online resource (378 p.)
Disciplina	615/.39
Soggetti	Blood - Collection and preservation Blood - Transfusion - Complications Blood - Transfusion - Law and legislation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	History of blood transfusion / Shannon L. Farmer, James Isbister, Michael F. Leahy -- The ethical complexities of transfusion-free medicine, surgery and research / Katrina A. Bramstedt -- Transfusion therapy - balancing the risks and benefits / Irina Maramica, Ira A. Shulman -- The physiology of anemia and the threshold for blood transfusion / Senthil G. Krishna, Ahsan Syed, Jason Bryant, Joseph D. Tobias -- Blood transfusion in surgery / Sharad Sharma, Lance W Griffin, Nicolas Jabbour -- Current view of coagulation system / Yoogoo Kang, Elia Elia -- Topical hemostatic agents / Fabrizio Di Benedetto, Giuseppe Tarantino -- Intraoperative strategies for transfusion-free medicine / Joseph D. Tobias -- Post-operative management in transfusion-free medicine and surgery in the ICU / Jean-Louis Vincent -- The changing transfusion practice of neonatal and pediatric surgery / Pamela J. Kling and Nicolas Jabbour -- Current management of anemia in oncology / Shelly Sharma, Sharad Sharma -- Artificial blood / Aryeh Shander, Mazyar Javidroozi, Seth Perelman -- Translational strategies to minimize transfusion requirement in liver

surgery and transplantation: targeting ischemia-reperfusion injury /  
Reza F. Saidi, S. Kamran Hejazi Kenari -- Legal and administrative  
issues related to transfusion-free medicine and surgery programs /  
Randy Henderson, Nicolas Jabbour -- Basic principles of bloodless  
medicine and surgery / Nicolas Jabbour.

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Sommario/riassunto

This book aims to be a guide to the practice of blood conservation. The first chapter discusses the legal and administrative aspects of bloodless medicine describing the legal principles and practical issues related to refusal of transfusion. The second is on balancing the risks and benefits of transfusion includes clinical vignettes of appropriate and inappropriate transfusion. The remainder of the book covers the principles and practice of bloodless medicine, including a chapter on the scientific issues of haemostasis and the investigation of bleeding disorders. The book concludes with chapt

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