The Portal: Your key to compliance.

Variance

One of the most common variances requested to these Standards relates to the infectious disease testing requirements outlined...

STANDARDS PORTAL

Federal Regulations

- 21 CFR 610.46, 610.47, and 610.48.
- FDA memorandum to all registered blood establishments...
- FDA guidance for industry...

AABB Resources

- Association Bulletin #05-02.
- Although the risk of bacterial...
- Pathogen inactivation technology represents an alternative approach...

Try it for a few weeks at no cost.

www.aabb.org/sa/Pages/standards-portal-free-trial.aspx
**Foreword**

AABB is committed to helping its members and allied health-care professionals stay current with advances in the field, provide quality services to their donors and patients, and advance their careers to meet the challenges in health care that continue to evolve.

In the past year, AABB has produced 15 new or updated resources in a variety of formats intended to provide the information members need most. Existing, highly relevant references that may have been overlooked or may have gained increasing priority may also be found in these pages.

As members steadily expand their digital reading, AABB has likewise increased the number of online titles—while continuing to offer a robust collection of hard copy editions. Space limitations in this catalog prevent a full listing of all digital options; however, www.aabb.org/marketplace will open the door to a wealth of additional items.

AABB is pleased to present these high-quality educational and reference resources to support your work, your education, and your career—as you, in turn, support donors and patients. We hope you enjoy browsing through these pages.

Laurie Munk  
Publications Director, AABB

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**What’s New?**

Be sure to look for the newest AABB publications throughout these pages.

- Blood Transfusion Therapy Data Card 13
- Circular of Information for the Use of Human Blood and Blood Components 14
- Concise Guide to Transfusion Medicine 20
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- Standards for Cellular Therapy Services, 8th edition 3
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- Transfusion Medicine Self-Assessment and Review, 3rd edition 20
- Transfusion Service Manual of SOPs, Training Guides, and Competence Assessment Tools, 3rd edition 19

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Standards for Blood Banks and Transfusion Services, 30th edition  
(Effective April 1, 2016)

Standards for Blood Banks and Transfusion Services details the latest standards of practice in blood banking and transfusion medicine. Significant changes in this edition include:

• Standard 4.1.2.2 allows facilities outside of the United States to have laboratory testing performed in a facility authorized by the Competent Authority in their home country.

• Standard 5.1.5.2 has been expanded to allow pathogen reduction technology for detecting bacteria in all platelet components.

• Standard 5.2.1 requires that all donors be given educational materials regarding the risk of postdonation iron deficiency.

• Standard 5.19.7 requires processes to prevent transfusion-related circulatory overload. The ordering physician is responsible for determining which patients are at a higher risk level.

• Standard 7.3 requires that facilities have standardized terminology for classifying and reporting transfusion reactions.

Product Code: 163120 | Member Price: $155 | Nonmember Price: $220
BUY BOTH AND SAVE!
Bundle Product Code: 163830 | Member Price: $270 | Nonmember Price: $375

Standards for Relationship Testing Laboratories, 13th edition  
(Effective January 1, 2018)

Standards for Relationship Testing Laboratories features requirements in areas such as employee qualification, facility monitoring of potentially fabricated documents, and the identification of non-chain-of-custody cases. Significant changes include:

• Standard 5.2.2.2 requires that all laboratories have policies, processes, and procedures to ensure that all collectors are trained.

• Standard 5.2.4.3 was created to allow for cases where a determination of relationship is being performed in a non-parentage situation.

• Standards 5.3.8 through 5.3.8.5 have been added to cover two-party comparisons of full siblings, half siblings, avuncular, and single grandparent likelihood ratios.

• Standards 5.4.2 through 5.4.2.2 have been written to ensure that laboratories using closed systems have policies, processes, and procedures for their use.

Product Code: 173293 | Member Price: $136 | Nonmember Price: $163
BUY BOTH AND SAVE!
Bundle Product Code: 173982 | Member Price: $240 | Nonmember Price: $260

Why Do I Like Print?

“I use both. I like having a printed copy for use in meeting rooms or parts of the lab that don’t have Internet access. It’s like having a security blanket.”

—J. Wade Atkins, MS, MT(ASCP)SBB, CQA(ASQ)

Why Do I Like the Portal?

“Well, first, I find the links to guidance and related regulations very useful. Being able to click on a link gives me instant access to information that details the intent behind a standard—especially valuable when there are multiple approaches to compliance. Second, I’d say the ability to customize my profile at the beginning (to suppress requirements that do not apply to my facility’s activities) keeps my searches focused and saves time with each use.”

—Pat Ooley, MS, MT(ASCP), CQA(ASQ)CMQ/OE
Standards for Cellular Therapy Services, 8th edition (effective July 1, 2017)

Standards for Cellular Therapy Services details the latest standards of practice for accredited cellular therapy facilities. Significant changes to the 8th edition include:

- Expanded requirements for proficiency testing to ensure that facilities outside of the United States (where access to external proficiency testing is limited) can comply.
- Standard 5.8, #6 requires all accredited laboratories to have implemented ISBT 128 labeling for all products by July 1, 2018.
- Standards for donor suitability and eligibility have been separated into two distinct sections (5.12.1 and 5.12.2, respectively) and expanded.
- Standard 5.12.2.11 requires that all facilities have policies, processes, and procedures in place to address all relevant emerging infectious diseases and that action is taken with regard to donor screening and testing processes.

Product Code: 1731105P | Member Price: $185 | Nonmember Price: $235
Product Code: 173110 | Member Price: $185 | Nonmember Price: $235
BUY BOTH AND SAVE!
Bundle Product Code: 173223 | Member Price: $275 | Nonmember Price: $355

Standards for Molecular Testing for Red Cell, Platelet, and Neutrophil Antigens, 3rd edition (effective October 1, 2016)

Standards for Molecular Testing for Red Cell, Platelet, and Neutrophil Antigens (MT Standards) contains requirements for facilities using molecular methods to predict blood group antigens on red cells, platelets, and neutrophils, as well as quality system requirements, operational standards, and a detailed list of inventory resources necessary for the identification of targeted nucleotides that encode these antigens. Significant changes include:

- Standard 1.4 requires accredited laboratories to alert AABB of any initial appointments or changes to the laboratory director position.
- Standard 1.5 requires accredited laboratories to alert AABB when they cease or resume on-site testing within 30 days of the occurrence.
- Standard 3.3 provides laboratories flexibility in determining what equipment may be deemed critical and what may not.

STANDARDS PORTAL: AABB, 2015, digital edition
Product Code: 163115SP | Member Price: $115 | Nonmember Price: $135
Product Code: 163115 | Member Price: $90 | Nonmember Price: $110
BUY BOTH AND SAVE!
Bundle Product Code: 163295 | Member Price: $165 | Nonmember Price: $205

Standards for Perioperative Autologous Blood Collection and Administration, 7th edition (effective January 1, 2017)

Standards for Perioperative Autologous Blood Collection and Administration (Perioperative Standards) contains requirements that address perioperative collection and preparation of red cell and non-red-cell components. Its goal is to maintain and enhance the quality and safety of perioperative autologous blood collection and administration and to provide a basis for the AABB Accreditation Program. It reflects the concerns and priorities of several different aspects of the discipline, including the input of recognized experts in the field and the best interests of their patients. It was developed in the context of the global drive for quality in health care and internationally recognized principles of quality management.

STANDARDS PORTAL: AABB, 2016, digital edition
Product Code: 1631005P | Member Price: $130 | Nonmember Price: $150
Product Code: 163100 | Member Price: $105 | Nonmember Price: $125
BUY BOTH AND SAVE!
Bundle Product Code: 163968 | Member Price: $190 | Nonmember Price: $220
Auditing in the Cellular Therapy Laboratory

By Suzanne H. Butch, MA, MLS(ASCP)CM, SBB, CQA(ASQ); Theresa A. Downs, MT(ASCP)SBB, CQA(ASQ); and Sandra K. Hoffman, MT(ASCP)SBB, CQA(ASQ)

This book describes how audits document compliance, enhance a quality system, and assist with error reduction in a cellular therapy laboratory. Some of the topics covered include auditing fundamentals, terminology, and types; audit preparation and planning; establishing an annual audit plan; auditor characteristics; collecting and documenting evidence; data analysis; and audit follow-up. Included are more than two dozen sample forms and templates specific to cellular therapy activities.

Product Code: 132007DB | Member Price: $40 | Nonmember Price: $55

Auditing in the Donor Center

By Suzanne H. Butch, MA, MLS(ASCP)CM, SBB, CQA(ASQ); Theresa A. Downs, MT(ASCP)SBB, CQA(ASQ); and Tricia Sanders, MBA, MLS(ASCP)SBB

The quality plan in the donor center documents the structure, responsibilities, and processes and procedures to support the objectives of donor and patient safety. Audits are used as part of the quality assurance system to verify that systems function as intended and that requirements are met. Included are more than two dozen sample forms and templates, including a sample PPE safety audit, sample “tracer” audits, sample data collection forms, a sample organizational chart and CLIA role audit, a newly changed or implemented procedures audit, a corrective action plan template, and a sample audit for supplies and reagents.

Product Code: 142090DB | Member Price: $40 | Nonmember Price: $55

“Auditing is an essential component of quality management. Quality auditing provides the opportunity for a facility to identify and correct errors before visits from assessors and inspectors.

Auditing also gives the facility’s management team important information and data on which to judge operations and performance.”

—Suzanne Butch, MA, MLS(ASCP)CM, SBB, CQA(ASQ)
The 2017 CFR Mini-Handbook contains the most important portions of the Code of Federal Regulations that relate to blood banking, transfusion medicine, and cellular therapy, including major updates announced by the FDA through July 2017. This handy resource eliminates the need to carry several unwieldy volumes, presenting the regulations as they appear in the original sources, while making them portable and easily accessible. Included are the regulations found in the following CFR parts:

**Title 21**
- Part 210—Current good manufacturing practice in manufacturing, processing, packaging, or holding of drugs; general.
- Part 211—Current good manufacturing practice for finished pharmaceuticals.
- Part 600—Biological products; general.
- Part 601—Licensing.
- Part 606—Current good manufacturing practice for blood and blood components.
- Part 607—Establishment registration and product listing for manufacturers of human blood and blood products.
- Part 610—General biological products standards.

**Title 42**
- Part 493—laboratory requirements
- Part 630—General requirements for blood, blood components, and blood derivatives.
- Part 640—Additional standards for human blood and blood products.
- Part 660—Additional standards for diagnostic substances for laboratory tests.
- Part 820—Quality system regulation.
- Part 1270—Human tissue intended for transplantation.
- Part 1271—Human cells, tissues, and cellular and tissue-based products.

**PRINT EDITION:** AABB, 2017, soft cover, 568 pages, ISBN 9781563959578
Product Code: 173888 | Member Price: $110 | Nonmember Price: $135

**Quality Toolkit and Case Studies: Solutions for Common Problems**

By Marianne A. Silva, MS, MT(ASCP)SBB, CQA(ASQ), and Virginia Vengelen-Tyler, MBA, MT(ASCP)SBB

Beginning with a brief overview of 11 easy-to-use quality tools, this collection of 13 case studies uses fictional scenarios to demonstrate how the tools can be used in real settings specific to blood banking and transfusion service environments. Tools described in the first section require no special knowledge or equipment: brainstorming, check sheets, run charts, control charts, failure mode effects analysis, fishbone diagrams, force field analysis, pareto charts, plan-do-check-act, process mapping, and the five whys. The cases that demonstrate them cover four general topic areas: administrative issues, operations, donor issues, and customer service.

**PRINT EDITION:** AABB Press, 2011, soft cover, 192 pages, ISBN 9781563953170
Product Code: 112059 | Member Price: $40 | Nonmember Price: $55

**Romancing the Big Q: Dancing with the Quality Gorilla**

Edited by Lisa M. Walters, PhD, MBA, MT(ASCP)SBB

Committing to a culture of continual improvement can be something like dancing with a gorilla who never tires; it means developing the skills of adapting to changing demands and environments cyclically. Romancing the Big Q explains how to move an organization toward performance excellence. Each chapter is half theory, half story first laying out the quality concepts, and then illustrating them in a practical case study. Each purchase includes a free PDF of Introducing the Big Q: A Practical Quality Primer. Contact Customer Service for your copy.

Product Code: 122010 | Member Price: $60 | Nonmember Price: $90
**DIGITAL EDITION:** AABB Press, 2016, ISBN 9781563959387
Product Code: 122010DB | Member Price: $60 | Nonmember Price: $90

**QUALITY AND REGULATORY**

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Edited by John R. Wingard, MD; Dennis A. Gastineau, MD; Helen L. Leather, BPharm; Edward L. Snyder, MD, FACP; and Zbigniew M. Szczepiorkowski, MD, PhD, FCAP

This second edition offers comprehensive and practical information for health-care providers working in the field of hematopoietic stem cell transplantation (HSCT). It provides relevant information on all areas of HSCT, including indications for transplantation; donor and patient evaluation; conditioning regimens; collection, processing, and characterization of stem cell products; management of immunosuppressive therapy; evaluation and management of the most common complications during HSCT; supportive care management; common procedures; and aspects of follow-up care.

This edition’s content has been reorganized to facilitate finding topics of interest more easily, and the authors have emphasized an educational bent in presenting their material. Each of the topics in the first edition has been revised to ensure the content is up to date. New chapters covering nonmalignant diseases, haploidentical transplants, photopheresis, financial considerations, and iron overload have been added. An accompanying USB flash card gives you the entire book in electronic form plus bonus references and recommended readings.

Topics include:

- General principles.
- Pretransplant concerns.
- Donor selection.
- Graft preparation.
- Infusion and support.
- Complications.

Product Code: 143425 | Member Price: $156 | Nonmember Price: $192

ONLINE DIGITAL EDITION: AABB, 2014
Product Code: 143429DB | Member Price: $156 | Nonmember Price: $192
BUY BOTH AND SAVE! ONLINE DIGITAL & PRINT EDITIONS
Product Code: 143427 | Member Price: $280 | Nonmember Price: $307

Product Code: 143425DB | Member Price: $156 | Nonmember Price: $192

See also:

Standards for Cellular Therapy Services, 8th edition, page 3

Cord Blood: Biology, Transplantation, Banking, and Regulation

Edited by Hal E. Broxmeyer, PhD

This volume provides the solid understanding needed to advance the clinical efficacy and relevance of cord blood (CB) transplantation. This comprehensive resource incorporates key CB developments into 39 chapters by experts in various areas of practice. Topics include:

- Stem/progenitor cells and their microenvironment.
- Use of prostaglandin E2, inhibition of cell surface protein CD26, expansion of short-term repopulating HSCs, use of fucosylation, and intrabone transplantation.
- Induced pluripotent stem cells, endothelial progenitor cells, and other cells.
- T helper cells, T regulatory cells, neonatal immune tolerance, natural killer cells, and T-cell-dependent immune competence.
- Malignant and nonmalignant disorders, double CB transplants, reduced-intensity conditioning regimens, determinants of engraftment, and underutilization of CB transplantation.

Product Code: 112055 | Member Price: $170 | Nonmember Price: $190

The Circular of Information for the Use of Cellular Therapy Products

The Circular of Information for the Use of Cellular Therapy Products (2016) is intended to be an extension of the cellular therapy product label. It has been prepared and endorsed by a collaborative group of multiple nongovernmental organizations that represent the cellular therapy field. The US Food and Drug Administration and the Health Resources and Services Administration also participated in the development and review process.

DIGITAL EDITION: Free PDF can be downloaded from www.aabb.org/CTCircular
Cellular Therapy: Principles, Methods, and Regulations, 2nd edition
Edited by Ellen M. Areman, MS, SBB(ASCP), and Kathy Loper, MHS, MT(ASCP)

This manual was designed as a compendium of state-of-the-art practices and methods for developing and producing cellular therapy products, and for development and operation of a cellular therapy facility, whether research, translational, or clinical. Applicable to academia, government, and industry, it is also an essential reference for those in regulatory affairs and quality assurance as well as for laboratory technologists, managers, directors, physicians, and scientists. Through descriptions of the rationale and methodology for a variety of cell processing and evaluation techniques, it will assist laboratory staff in developing procedures that comply with applicable regulations and standards. In addition to numerous examples and templates for laboratory document preparation, several methods are provided that include a general overview of the critical steps, materials, and equipment used in each process. Each section has been compiled and edited by a team of experts in the field, with subchapters contributed by specialists in the specific subject matter. With regenerative medicine becoming more integrated into the field, considerations for regenerative therapies are also integrated within each section. Chapters cover:

• Regulatory considerations: Including updated FDA tips and perspectives, IND and BLA processes, sample outlines, etc. New in this edition: International regulation of cell therapy products.
• Quality assurance: Including process control, records, audits, equipment, personnel, validation, etc.
• Facilities: Aseptic processing, computer systems, safety, and procedures for facility control.
• Product and process development: New in this edition: Preclinical testing and early-phase trial development.
• Collection of cells: Marrow, apheresis, and cord blood techniques.
• Manufacturing methods: Updated techniques for cell separation, cell expansion, and graft engineering including production of dendritic, mesenchymal, pancreatic islet, iPSC, and other therapeutic cells.
• Handling of processed products: Including shipping and handling; product release; patient preparation, infusion, and reactions; etc.
• Biorepositories: Including operational, regulatory, and ethical considerations for storage of research samples.
• Product characterization: Including assessments of viability, potency, cytotoxicity, contamination, testing, etc, as well as validation of test methods.

Product Code: 153420 | Member Price: $195 | Nonmember Price: $225
DIGITAL EDITION: AABB, 2016, ISBN 9781563959264
Product Code: 15342008 | Member Price: $215 | Nonmember Price: $245
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Product Code: 153411 | Member Price: $310 | Nonmember Price: $355

Basic Principles in Flow Cytometry
By Vasiliki E. Kalodimou, MSc, PhD

This book provides a fundamental understanding of the evolving technology in cell enumeration and discusses the principles of flow cytometer operation. Unlike other laboratory devices, flow cytometers present the technologist with many different settings for their use. Key topics include:

• Flow cytometry overview.
• Fluorescence, dyes, and fluorescence compensation.
• DNA analysis and data analysis.
• Cell proliferation, death, and apoptosis.
• Applications in clinical practice.
• Quality control.

Product Code: 132087 | Member Price: $38 | Nonmember Price: $46
BUY A BUNDLE AND SAVE!
Practical Handbook of Cellular Therapy Cryopreservation & Basic Principles in Flow Cytometry
BOTH BOOKS: Product Code: 152916 | Member Price: $77 | Nonmember Price: $88

Practical Handbook of Cellular Therapy Cryopreservation
Edited by Michael H. Creer, MD; Aby J. Mathew, PhD; and M. Victor Lemas, PhD

The increasing use of traditional hematopoietic cell therapies—as well as the emerging potential of novel regenerative medicine therapies—highlights the importance of the cryopreservation process and its impact on cell yield, viability, and function. This Practical Handbook of Cellular Cryopreservation explains the "nuts and bolts" of the cryopreservation process from beginning to end: which freezers are used for which products, the fundamentals of freezing cells without damage, how to read freezing curves, how to handle products after an abnormality occurs, when to validate/verify/qualify, and so much more. This volume is packed with color illustrations that bring additional clarity to these detailed discussions.

Product Code: 152492 | Member Price: $50 | Nonmember Price: $70

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Patient Blood Management: Multidisciplinary Approaches to Optimizing Care

Edited by Jonathan H. Waters, MD, and Steven M. Frank, MD

This text emphasizes the importance of combining multiple strategies from numerous disciplines, and offers practical information as well as the theoretical foundation for patient blood management (PBM) approaches to patient care. Authors of the 22 chapters are experts who implement PBM concepts on a daily basis in their respective practices. This is an essential resource for surgeons, anesthesiologists, perfusionists, transfusion medicine specialists, pharmacists, nurses, and clinicians.

Topics include:
- Rationale and economics of PBM.
- Developing a PBM program.
- Preoperative patient evaluation.
- Perioperative blood recovery.
- Topical hemostatics.
- Point-of-care testing.
- Perioperative management in selected specialties: liver surgery, obstetrics, orthopedics, pediatrics, and cardiology surgery.

Product Code: 162185 | Member Price: $130 | Nonmember Price: $150

Product Code: 162185DB | Member Price: $130 | Nonmember Price: $150

Citations in Patient Blood Management, 2nd edition

Compiled by James P. AuBuchon, MD, FCAP, FRCP(Edin)

The reference citations on patient blood management in this reference tool have been assembled by topic and subtopic to form a convenient, useful resource. Topics include: assessment and treatment of anemia and coagulation difficulties, indications for transfusion, preoperative autologous donation; sequestration of components, blood recovery and reinfusion, pharmacologic interventions, point-of-care testing; critical care, obstetrics, pediatrics, orthopedic surgery, cardiac surgery, hepatic surgery; and volume resuscitation, the transfusion committee, general surgical techniques, and cost-effectiveness.

Product Code: 144064DB | Member Price: FREE | Nonmember Price: FREE

Case Studies in Patient Blood Management

Edited by Irwin Gross, MD, and Mary Lieb, MT(ASCP)SBB, CQA(ASQ)

Jointly developed by AABB and SABM, this collection of clinical scenarios is a resource for anyone interested in patient-centered care—including clinicians, nurses, laboratory technologists, and pharmacists. Other health-care personnel such as ethicists and risk managers will also benefit. Each scenario features learning objectives, a clinical situation, a discussion of patient blood management options, the evidence that supports each PBM approach discussed, and a listing of key points and references. Within that framework, each expert author contributes to a rich diversity of PBM options that are intended to stimulate thought and discussion, leading to improved patient care and clinical outcomes. Scenarios include:
- Orthopedic surgery patient.
- Cardiovascular surgery patient.
- Anemic obstetric patient.
- Jehovah’s Witness patient.
- Bleeding patient who is taking target-specific oral anticoagulants.
- Bleeding patient taking antiplatelet drugs.
- Warfarin reversal in the hemorrhaging patient.
- Anemia in the critically ill ICU patient.

Product Code: 156897 | AABB and SABM* Member Price: $110 | Nonmember Price: $145

Product Code: 156897DB | AABB and SABM* Member Price: $110 | Nonmember Price: $145

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RBC Transfusion Data Card

(Set of 10)

This Data Card is distilled from the AABB clinical practice guidelines published in late 2016. Laminated for durability, the card concisely summarizes evidence-based restrictive strategies for Red Blood Cell (RBC) transfusion in both adult and pediatric patients. Included are indications, contraindications, and key points on administration, as well as references. Also included is a guide to the evaluation of the evidence used to develop the recommended strategies.

Product Code: 173201 | Member Price: $25 (set) | Nonmember Price: $35 (set)
Getting Started in Patient Blood Management

By James P. AuBuchon, MD, FCAP, FRCP(Edin); Kathleen Puca, MD, MT(ASCP)SBB, FCAP; Sunita Saxena, MD, MHA; Ira A. Shulman, MD, FCAP; and Jonathan H. Waters, MD

After reviewing the rationale for limiting transfusion, this primer thoroughly discusses the five major concepts in patient blood management: 1) limiting blood loss through phlebotomy for testing, 2) optimizing patient hemoglobin levels, 3) using autologous donation and intraoperative blood recovery techniques, 4) minimizing perioperative blood loss, and 5) making evidence-based hemotherapy decisions. Also included are practical suggestions for taking initial positive steps toward program implementation; sample forms and reports; and helpful print and online resources.

Product Code: 112024DB | Member Price: FREE | Nonmember Price: $40


Edited by Jonathan H. Waters, MD; Aryeh Shander, MD; and Karen E. King, MD

Published jointly by AABB and SABM, this Handbook contains essential information for those who recognize the duty to consider all alternatives in care, both to select transfusion and to avoid transfusion. The broad range of material discusses Jehovah’s Witness patients, acute normovolemic hemodilution, hyperbaric oxygen therapy, artificial oxygen carriers, recombinant Factor VIIa, anemia prevention, and a host of other aspects of this growing field. It is small enough to fit in a lab coat pocket, yet comprehensive enough to answer many of the questions that arise in daily practice.

Product Code: 132219 | Member Price: $75 | Nonmember Price: $95

*Please call +1.866.222.2498 to receive your discount.

Transfusion Medicine’s Emerging Positions: Transfusion Safety Officers and Patient Blood Management Coordinators

Edited by Kathleen E. Puca, MD, and Susan T. Johnson, MSTM, MT(ASCP)SBB

As health-care organizations become more aware of the value and impact of patient blood management (PBM), there is a growing need for individuals with the knowledge and training required to manage PBM programs and address the full spectrum of transfusion safety. This book is intended to provide guidance on such positions (whether hospital-based or blood-center-based)—the professionals who make good candidates, the scope of their responsibilities, their key role in improving patient outcomes, and the influence they have on various hospital departments. Also included are sample job descriptions and a template for a business case for such positions. A CD-ROM is included, containing job descriptions ready for customization by each facility.

Product Code: 132071 | Member Price: $75 | Nonmember Price: $95

Decision Making in Transfusion Medicine

By Eleftherios C. Vamvakas, MD, PhD, MPH

This evidence-based book is intended to serve one of the recurring principles enunciated by the FDA—that decision making must be transparent. The book discusses both the evidence supporting allogeneic blood transfusion and the hotly debated policy alternatives proposed for avoiding its risks. Topics include:

- The precautionary principle vs evidence-based medicine.
- Causes of, and strategies to reduce, transfusion-related mortality.
- Emerging transmissible infections.
- Pathogen reduction.
- MSM donor deferrals.
- Patient blood management.
- Bonus CD-ROM containing three chapters from Evidence-Based Practice of Transfusion Medicine.

Product Code: 112071 | Member Price: $155 | Nonmember Price: $185
Prophylactic Platelet Transfusion Data Card
(Set of 10)

This Data Card (in sets of 10) is a convenient resource that folds to fit conveniently into a lab coat pocket for quick reference. Laminated for durability, the card concisely summarizes evidence-based clinical practice guidelines for the administration of platelets in a variety of adult patient populations. Included on the card is a guide to the evaluation of the evidence leading to the recommended guidelines. Also on the card are storage, transport, and expiration criteria for some of the most frequently transfused platelet products.

PRINT EDITION: AABB, 2015, laminated cards, ISBN 9781563959189

The Transfusion Committee: Putting Patient Safety First, 2nd edition

Edited by Sunita Saxena, MD, MHA

Is your facility struggling to review blood usage without a transfusion committee, blood utilization review committee, or similar group? Does your institution have a committee, but the group is not functioning at top efficiency? This book will help you address these issues as you recognize the importance of a transfusion review committee in the evolution toward a patient blood management environment. Building on the solid foundation of the popular first edition, this revision adds new material throughout, as well as two new chapters. A CD-ROM is included, containing templates and forms ready for customization by each facility. Topics include:

- Committee justification, organization, and function.
- Patient blood management and clinical practice guidelines.
- Regulatory agencies and accrediting organizations.
- Transfusionist and nurse participation (new).
- Quality tools for the committee.
- Reporting and system improvement (new).

Product Code: 132075 | Member Price: $95 | Nonmember Price: $120

See also:

Standards for Perioperative Autologous Blood Collection and Administration, 7th edition, page 3

Guidelines for Patient Blood Management and Blood Utilization

Developed for the Clinical Transfusion Medicine Committee and the Transfusion Medicine Section Coordinating Committee by Joanne Becker, MD, and Beth Shaz, MD

This Guideline assists facilities in developing strategies that provide for the appropriate use of blood and the use of alternatives that help to reduce or avoid the need for allogeneic blood transfusion. A multidisciplinary approach is advocated that includes the use of blood component guidelines, pharmaceutical preparations to minimize blood loss, blood conservation methods, and blood utilization review practices.

Product Code: 113410 | Member Price: $35 | Nonmember Price: $47
Product Code: 113410DB | Member Price: $35 | Nonmember Price: $47

Guidelines for Blood Recovery and Reinfusion in Surgery and Trauma

Developed for the Scientific Section Coordinating Committee by Jonathan H. Waters, MD; Robert M. Dyga, RN, CCP; and Mark H. Yazer, MD, FRCP(C)

This Guideline covers general concepts of 1) advantages and disadvantages of perioperative transfusion, 2) the indications and contraindications for intraoperative and postoperative recovery and reinfusion, 3) the possible complications, and 4) administrative aspects that are often overlooked. Yet, it also digs into more detail—for example, exploring washing vs nonwashing of reinfused blood and the use of partially filled bowls.

Product Code: 103002 | Member Price: $40 | Nonmember Price: $55
Product Code: 103002DB | Member Price: $20 | Nonmember Price: $25
General

Edited by Mark K. Fung, MD, PhD; Anne F. Eder, MD, PhD; Steven Spitalnik, MD; and Connie M. Westhoff, PhD, MT(ASCP)SBB

The Technical Manual, AABB's most popular text, is a must-have resource that helps newcomers and seasoned professionals alike find the information they need to meet the challenges they face. The entire spectrum of blood collection and transfusion is covered: Quality issues, blood collection and processing, blood groups, antigen/antibody testing, clinical transfusion practice (including special situations and patients), and preventing adverse reactions. Chapter experts have updated this edition in direct response to results of a reader survey that asked about the most valuable chapters, preferred formats, how the manual is used, etc. What's new:
• Enhanced suite of chapters related to patient blood management to reflect the broadening of PBM implementation.
• Content more inclusive of practices outside the US.
• New chapter on hemovigilance and its benefits.
• More focused cellular therapy content.
• Expanded information on massive transfusion.
• Consolidation of chapters on whole-blood and apheresis donation to eliminate redundancy.
• Reorganized content on transfusion service activities and concerns to improve ready access to key information.

Methods are provided in SOP format on the accompanying USB flash card for easy adoption and customization by facilities.


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Product Code: 173690 | Member Price: $272 | Nonmember Price: $408

How Do I . . . ?
(Ten Years of Practical Advice)
Edited by Beth Shaz, MD

Readers of TRANSFUSION report that their favorite nonresearch content in the journal is the “How Do I . . . ?” series. This compilation brings together a decade of articles from the series, which began in 2006. In this convenient volume, experienced colleagues describe how they manage nearly 60 different situations from the laboratory, surgical suite, collection facility, and clinical care areas.

Product Code: 153927 | Member Price: $110 | Nonmember Price: $130

Mollison’s Blood Transfusion in Clinical Medicine, 12th edition
Edited by Harvey G. Klein, MD, and David J. Anstee, PhD, FRCPATH, FMedSci

Mollison’s Blood Transfusion in Clinical Medicine is a classic text in the field of transfusion. The book arose from the concept that the transfusionist is both scientist and expert consultant. For many years, this text has provided the primary, and often the sole, reference for detailed information and practical experience in blood transfusion. The book is completely revised and updated throughout to include the latest advances and developments in the field.

Product Code: 147282 | Member Price: $169.99 | Nonmember Price: $185

Transfusion Therapy: Clinical Principles and Practice, 3rd edition
Edited by Paul D. Mintz, MD

Filling a niche between the handbook and weightier compendia, this edition reflects current practice in transfusion therapy and provides guidance for prescribing blood components and derivatives. In addition, chapters cover clinical practice, adverse events, and quality assurance. Enhanced content covers discussions of transfusion therapy in surgery, pediatric transfusion, transfusion-induced immunomodulation, transfusion in stem cell transplantation, and Rh Immune Globulin therapy. Highlights include:
• Transfusion therapy in critical care.
• Transfusion therapy in trauma and massive transfusion.
• Pathogen reduction and inactivation.
• Alloimmunization to red cell antigens.

Product Code: 102005 | Member Price: $180 | Nonmember Price: $220

Product Code: 102004 | Member Price: $150 | Nonmember Price: $178

“This book works well as shelf reference, yet it can also be read as a whole rather quickly and easily. I recommend this book to those developing institutional or departmental transfusion policies, who may appreciate a practical text without an exhaustive exposition of historical information or laboratory technique. In sum, the 3rd edition is an excellent and unique resource that enables confident evidence-based clinical decision-making.”

—Timothy Hilbert, MD, PhD, JD

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Clinical Research: Understanding the Methodology Toolbox

Compiled by Nancy Heddle, MSc, FCSMLS(D)

This book provides guidance on how to design, perform, and publish the clinical research needed to fill some of the voids in the scientific literature. Written by recognized experts, these articles originally appeared as “Clinical Research Focus” contributions to TRANSFUSION. They are gathered here in one convenient, timeless resource to encourage and assist investigators and authors in conducting clinical research, analyzing the data, and reporting on outcomes.

Product Code: 123069 | Member Price: $42 | Nonmember Price: $58

Look It Up! (A Quick Reference in Transfusion Medicine), 2nd edition

By Mark E. Brecher, MD, and Shauna N. Hay, MT(ASCP)

This pocket-sized resource is a collection of the most useful tables and illustrations from popular texts, information that clinicians, nurses, technologists, and managers need in day-to-day transfusion practice. With more than 90 selections from 25 sources, this book includes normal values for children or adults, calculated donation volumes, incidence of genotypes/phenotypes, infectious disease risk estimates, infusion rates, summaries of adverse reactions, component storage requirements, and much more.

Product Code: 122085 | Member Price: $36 | Nonmember Price: $56

Collected Q&A, 30th Anniversary edition

By Mark E. Brecher, MD, and Shauna N. Hay, MT(ASCP), MPH

Many of the most perplexing issues in patient blood management, transfusion medicine, and cellular therapy fall into a “grey” area where regulatory documents or comprehensive textbooks cannot offer clear-cut guidance. The authors of this volume probed the far corners of the medical literature to bring you answers to questions submitted by thoughtful members, posed by curious staff, and collected by the authors themselves in everyday situations. This edition presents answers (with references—Internet links where possible) to questions on more than 100 topics relevant in today’s laboratory and clinical environments.

PRINT EDITION: AABB, 2015, soft cover, 143 pages, ISBN 9781563959080
Product Code: 153106 | Member Price: $50 | Nonmember Price: $70

Platelet Transfusion Therapy

Edited by Joseph Sweeney, MD, FACP, FRCPath, and Miguel Lozano, MD, PhD

Written by a global team of leading experts, this unique text covers issues from processing and storage to clinical indications, dosing, and adverse effects. This is the go-to reference on platelets for clinicians and technologists alike. Key topics include:

* Platelet metabolism.
* Production methods; pathogen reduction.
* In-vivo and in-vitro evaluation.
* Prophylactic, active bleeding, and refractory settings.
* Neonatal transfusion.
* Antigen compatibility.
* Adverse reactions.
* Alternatives to transfusion.

Product Code: 132019 | Member Price: $144 $71 | Nonmember Price: $168 $84

Immunoglobulin Therapy

Edited by Alan H. Lazarus, PhD, and John Semple, PhD

Simply put, this text contains all the information you need most about intravenous immunoglobulin (IVIG) products and their use in clinical practice. This collaboration of international experts has resulted in the most comprehensive resource available in an area of transfusion medicine that is rapidly growing. Chapters cover:

* Basic concepts and practical considerations.
* Manufacturing concepts.
* Mechanisms of action.
* Use of IVIG in hematology, neurology, infectious diseases, systemic inflammatory response syndromes, and other diseases.
* Use of anti-D in hemolytic disease of the fetus and newborn and in autoimmunity.
* Use of monoclonal antibodies in hematology and oncology

Product Code: 102166 | Member Price: $100 | Nonmember Price: $120

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Components


Edited by Nick Bandarenko, MD, and Karen E. King, MD

This Handbook has been thoroughly reviewed and updated to reflect the most recent trends in transfusion medicine practice. The compact volume, which fits conveniently in a lab coat pocket, is packed with comprehensive discussions of blood components, plasma derivatives, transfusion practices, hemostatic disorders, and adverse effects of transfusion, as well as succinct overviews of therapeutic apheresis, massive transfusion, and patient blood management essentials. References for each topic are extensive. New this edition:

- Updated and consolidated blood component discussion and overview.
- Expanded information on prothrombin complex concentrates.
- Entire new chapter on massive transfusion.
- Expanded information on anticoagulant drugs.
- Expanded treatment of patient blood management, including thromboelastography for transfusion decision making.
- Indications for apheresis updated to reflect latest ASFA guidelines.

Product Code: 173016 | Member Price: $35 | Nonmember Price: $45

“IT IS CRITICAL THAT HOUSE STAFF UNDERSTAND THE SCIENCE OF BLOOD TRANSFUSION BECAUSE THE PROPER USE OF BLOOD AND COMPONENTS IS VITAL TO SO MANY MEDICAL DISCIPLINES. AT OUR INSTITUTION, WE PROVIDE A PHYSICIAN’S HANDBOOK AND A DATA CARD TO ALL INCOMING LABORATORY MEDICINE RESIDENTS AND TRANSFUSION FELLOWS AS PART OF THEIR ORIENTATION PACKET. SUCCESSFUL BLOOD MANAGEMENT STARTS AT THE GRASS ROOTS WHEN RESIDENT-TO-RESIDENT CONVERSATIONS OCCUR REGARDING A PATIENT’S BLOOD NEEDS. A PROPERLY TRAINED HOUSE OFFICER CAN ENSURE THAT THE RIGHT BLOOD WILL BE GIVEN TO THE RIGHT PATIENT FOR THE RIGHT REASONS IN THE RIGHT AMOUNT. WE CONSIDER THIS HANDBOOK TO BE A KEY TRAINING TOOL THAT OUR HOUSE STAFF USE EVERY DAY.”

—Edward Snyder, MD, FACP

Blood Transfusion Therapy Data Card (Set of 10)

The Blood Transfusion Therapy Data Card is a handy reference that folds down to a 4” x 6” size and can be carried easily in a lab coat pocket. Laminated for durability, the Data Card features:

- Information on the proper administration of blood components.
- A list of available components with their composition and indications for use.
- An outline of treatment for acute transfusion reactions.
- Information on prothrombin complex concentrates, fibrinogen concentrate, Factor XIII concentrate, protein C concentrate and activated prothrombin complex concentrates.

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See also:

- RBC Transfusion Data Card, page 8
- Prophylactic Platelet Transfusion Data Card, page 10
- Pediatric Hemotherapy Data Card, page 17


Edited by the contributing editors to Blood Transfusion Therapy: A Physician’s Handbook, 12th edition

This popular 8.5” × 11” flip chart on safe blood administration has been updated and redesigned. Its multiple tabs lead users to sections on transfusion safety, acute transfusion reactions, and the safe administration of red cells, platelets, plasma, plasma derivatives, cryoprecipitate, and granulocytes. Colorful graphics and bullet points provide quick information on the do’s and don’ts of:

- Filters.
- Blood warming.
- Pumps.
- Compatible fluids.
- Infusion times.
- Temperature limits.
- Compatibility.
- And more!

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Circular of Information for the Use of Human Blood and Blood Components (2017) (Set of 50)

The Circular is an extension of the blood container label and is recognized as acceptable by the FDA. Prepared by AABB, the American Red Cross, America’s Blood Centers and the Armed Services Blood Program, this Circular describes available components, actions, indications, contraindications, dosage and administration, side effects and hazards. Included is a comprehensive but concise table summarizing indications, benefits, and precautions for blood. Also included is information on newly approved plasma components.

Product Code: 173011 | Member Price: $45 (set) | Nonmember Price: $55 (set)

Blood Component Preparation: From Benchtop to Bedside

Edited by Miguel Lozano, MD; Morris A. Blajchman, MD; and Joan Cid, MD

This convenient resource has it all—not only the different methods for blood component preparation but also the effects that those methods have on the product itself and, thus, the blood recipient. The book addresses four major areas: overview of methods, additive solutions and containers, frequently used modifications, and updates on recent technologies and techniques. Key topics include:

• Component therapy concepts and use of automation.
• The platelet-rich plasma, buffy-coat, and apheresis methods.
• RBC and platelet additive solutions and containers.
• Leukocyte reduction, irradiation, and pathogen reduction.
• Components for infants.
• LEAN manufacturing.

Product Code: 102121 | Member Price: $90 | Nonmember Price: $115

Immunology/Serology

Bloody Brilliant! A History of Blood Groups and Blood Groupers

By Steven R. Pierce, SBB(ASCP), and Marion E. Reid, PhD, FIBMS, DSc(Hon)

This one-of-a-kind book tells the fascinating story of blood groups and the people who study them. “The story of blood groups always begins in Vienna with Karl Landsteiner.” So begins this uniquely fascinating tale of how the blood groups were discovered and the interesting people who made those discoveries. Meticulously referenced, this volume is also lavishly illustrated as it recalls the progression of knowledge in blood grouping that continues today. This is the story not only of Landsteiner, Levine, Wiener, Race, Sanger, and other early giants, but also of Mollison, Garratty, Marsh, Tippett, Issitt, Judd, and many, many others who have made their mark on the profession and trained others who even now are doing the same. Ten years in the making, this treasure is enlightening, engaging, and enjoyable to read—well worth the wait. Chapters include:

• Out Damned Spot! Forensic Applications of ABO
• Who’s Your Daddy? ABO in Paternity Testing
• Britain, Blood, and Bombs, 1930-1945
• A Rh-ose by Any Other Name
• Technologists to the Fore
• 28 chapters in all!

Product Code: 162963 | Member Price: $180 | Nonmember Price: $210

"What a joy it is to read this unique and informative history! In addition to being a formal history of blood group serology, this volume is a scrapbook of snapshots, personal recollections, and intimate profiles of the personalities behind the serologic discoveries of the 20th century. It is a valued resource not only for our generation, but for those who follow.”

—S. Gerald Sandler, MD, FCAP, FACP

See also:

Standards for Immunohematology Reference Laboratories, 10th edition, page 2

Standards for Molecular Testing for Red Cell, Platelet, and Neutrophil Antigens, 3rd edition, page 3
Investigating Positive DAT Results: A Case Study Approach

Authors: Susan T. Johnson, MSTM, MT(ASCP)SBB; Janis R. Hamilton, MS, MT(ASCP)SBB; and Sally V. Rudmann, PhD, MT(ASCP)SBB

The case studies in this book can help sharpen your skills for investigating a positive DAT result. Written by experienced serologists, the case studies in this volume provide a realistic testing situation for those professionals who investigate hemolytic transfusion reactions. Each case opens with a clinical scenario and results of initial laboratory testing, followed by multiple-choice questions that take the reader through further testing options and protocols for resolution. The cases also include detailed feedback for correct, as well as incorrect, choices made. Well-suited to both classroom and individual study, the book includes access to a set of the questions without the answers for a realistic simulation.

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Product Code: 152770DB | Member Price: $95 | Nonmember Price: $125

Antibody Identification: Art or Science? A Case Study Approach

By Janis R. Hamilton, MS, MT(ASCP)SBB; Susan T. Johnson, MSTM, MT(ASCP)SBB; and Sally V. Rudmann, PhD, MT(ASCP)SBB

Written by practicing serologists and educators, these case study simulations examine techniques for alloantibody identification including use of chemicals, inhibition, adsorption, and adsorption/elution. Each case begins with a clinical scenario and initial test results, which are followed by a series of multiple-choice questions that offer testing options and protocols for resolution. Along the way, the reader is provided with detailed feedback designed to enhance reflection and critical thinking. Equally suited to classroom or individual study, the book includes access to a set of the questions without the answers, to provide a realistic testing situation.

Product Code: 132020 | Member Price: $82 | Nonmember Price: $105
Product Code: 132020DB | Member Price: $82 | Nonmember Price: $105
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Investigating Positive DAT Results: A Case Study Approach & Antibody Identification: Art or Science? A Case Study Approach
BOTH BOOKS: Product Code: 152990 | Member Price: $142 | Nonmember Price: $184

Guidelines for Antibody Identification

Developed for the Scientific Section Coordinating Committee by Marilyn Moulds, MT(ASCP)SBB, and Mary Kowalski, MT(ASCP)SBB

This Guideline is intended to assist transfusion services with the identification of antibodies in patients with a reactive pretransfusion antibody detection test. Its major sections address 1) routine testing and interpretation guidelines, 2) additional guidance and testing, and 3) unusual antibody identification situations. Instructive case studies accompany each section, and more guidance is included in several appendices. Although this resource can be used as a training tool, those readers who are already familiar with related material in the AABB Technical Manual will derive the most benefit. The scope and depth of the content will appeal not only to facilities and technologists who work with a single antibody identification panel using the same method employed for antibody detection, but also to laboratories that use multiple panels and special testing methods.

Print Product Code: 103001 | Member Price: $40 | Nonmember Price: $55
Product Code: 1030012DB | Member Price: $40 | Nonmember Price: $55

Judd’s Methods in Immunohematology, 3rd edition

By W. John Judd, FIBMS, MIBiol; Susan T. Johnson, MSTM, MT(ASCP)SBB; and Jill Storry, PhD, FIBMS

This well-respected compilation has stood for many years as one of the most widely used references for serologic methods. Usable as a manual of standard operating procedures (SOPs) for blood centers, transfusion services, and immunohematology reference laboratories, the third edition has been updated throughout to reflect modifications to protocols and SOP formats after a base of routine methods. Topics include the detection, identification, and investigation of antibodies; perinatal testing; ABO typing problems; reagent preparation; and more. The accompanying CD-ROM contains the SOPs in a format that can be customized by facilities or used as is.

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15
Apheresis

Therapeutic Apheresis: A Physician’s Handbook, 5th edition

Edited by Kendall Crookston, MD, and Karen E. King, MD

Published jointly by AABB and ASFA, this Handbook provides a thorough yet succinct account of the most commonly practiced apheresis procedures and indications for their use—including cytapheresis, therapeutic plasma exchange, red cell exchange, and selective depletion.

Its contents are consistent with the Journal of Clinical Apheresis 7th Special Issue: “Guidelines on the Use of Therapeutic Apheresis in Clinical Practice—Evidence-Based Approach from the Writing Committee of the American Society for Apheresis.” It also provides disease-specific content, as well as pediatric-specific content, that is of great use to physicians who order or administer such therapies, as well as technical content that assists other health-care personnel who perform the actual procedures.

This Handbook has always aimed to create a concise and practical guide for all members of the health-care team who support apheresis medicine, including those who wish to learn more about the specialized treatment available from therapeutic apheresis, such as clinicians who may refer patients for treatment. Although many of the guidelines refer to practice in North America, the principles and procedures described are universal in application.


Product Code: 173025 | AABB and ASFA* Member Price: $70 | Nonmember Price: $95

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Apheresis: Principles and Practice, 3rd edition

Edited by Bruce C. McLeod, MD; Zbigniew M. Szczepiorkowski, MD, PhD, FCAP; Robert Weinstein, MD; and Jeffrey L. Winters, MD

With several new chapters and expansions of previous chapters, anyone with specific questions about the scientific, technical, and practical aspects of apheresis can discover the answers within this volume. Each chapter has been fully updated with the results of relevant clinical studies published since the second edition was released. Highlights include:

• Comprehensive account of the uses for apheresis instruments.
• History of both donor and patient apheresis.
• Descriptions of new instruments intended for multiple component donations and a new device for photopheresis.
• New chapter on therapeutic apheresis in the context of organ transplantation.
• Greatly expanded section on stem cell transplantation.


Product Code: 102003 | Member Price $198 | Nonmember Price $228


Product Code: 102006DB | Member Price $165 | Nonmember Price $195

In addition to the Standards Portal and digital editions of publications, AABB offers a wealth of education via eCasts On-Demand. These flexible, self-paced programs are available on your schedule, anywhere you are, and on any device you select. In addition, these programs are eligible for continuing education credit. Here’s just a sampling of our most popular programs:

• New Developments in Platelet Transfusion Safety
• Immunohematology Boot Camp Series
• Current Perspectives on Massive Transfusion in Trauma Patients
• Hot Topics in Neonatal Transfusions
• Donor Safety and Selection of Donors
• Zika Virus 1 Year Later: Lessons Learned

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Special Patients/Situations

Hospital Tissue Management: A Practitioner’s Handbook, 1st edition

*Sale*

Edited by A. Brad Eisenbrey, MD, PhD; D. Ted Eastlund, MD; and Jerome L. Gottschall, MD, with a preface by D. Michael Strong, PhD, MT(ASCP), BCLD(ABB)

Published jointly by AABB, the American Association of Tissue Banks (AATB) and the Eye Bank Association of America (EBAA), with input also from The Joint Commission, Hospital Tissue Management is a consolidated quick reference for blood bankers, pathologists, operating room nurses, managers, and other hospital staff adapting to tissue handling requirements. Highlights include:

- Transplant-transmitted disease.
- Supplier qualification.
- Guidelines for tissue preparation and storage.
- Centralization vs decentralization.
- Regulatory requirements and recalls.
- Standards of the AABB, AATB, EBAA, and The Joint Commission.

Product Code: 083140 | AABB and AATB/EBAA* Member Price: $35 | Nonmember Price: $55
*Please call +1.866.222.2498 to receive your discount.


Edited by Edward C.C. Wong, MD; Susan D. Roseff, MD; and Karen E. King, MD

This concise yet comprehensive reference book is for all practitioners who transfuse neonatal and pediatric populations. It is invaluable for physicians treating patients in the hospital or those answering questions while on call in the blood bank. Written by experts who share a wealth of practical experience, this book presents information that typically would require multiple volumes of text. Charts and tables outline information concerning volumes of blood components and doses of medication for neonatal and pediatric patients. This edition includes a new chapter addressing patients with special transfusion needs, including neonates, patients undergoing extracorporeal membrane oxygenation, cardiovascular surgery patients, sickle cell disease patients, and other pediatric patients who require chronic transfusion support.

Product Code: 143020 | Member Price: $39 | Nonmember Price: $49

Neonatal Transfusion Guidance

Developed for the Transfusion Medicine Section Coordinating Committee by Steven Sloan, MD, PhD; Cassandra Josephson, MD; Mark Fung, MD, PhD; and Susan Roseff, MD

The unique requirements for neonatal transfusion affect many processes and procedures in the continuum from collection and selection of blood components to the methods of administration. This publication describes many of these fine points, including the importance of communication between clinical staff, laboratory personnel, and the neonate’s parents; component processing techniques such as irradiation, filtration, and preparation of aliquots; effects of component storage and preservation; and blood administration concerns (eg, venous access, infusion pumps, blood warming).

Product Code: 123089DB | Member Price: $35 | Nonmember Price: $45

Pediatric Hemotherapy Data Card (Set of 10)

Edited by Edward C.C. Wong, MD; Susan D. Roseff, MD; Karen E. King, MD

This Data Card is a handy reference that folds down to a size that slides easily in to your lab or suit coat pocket. Laminated for durability, the card features information used for small-volume transfusions, formulas and calculations to determine volume of blood, general infectious risks of transfusion, and special considerations in pediatric patients.

PRINT EDITION: AABB, 2015, laminated cards, ISBN 9781563959042
Product Code: 143225 | Member Price: $28 (set) | Nonmember Price: $35 (set)

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Pediatric Transfusion: A Physician’s Handbook, 4th edition & Pediatric Hemotherapy Data Card (Set of 10)

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Complications

Transfusion Reactions, 4th edition

Edited by Mark A. Popovsky, MD

Adverse events such as transfusion-related acute lung injury (TRALI), graft-vs-host disease, hemolytic or allergic reactions, bacterial contamination, and many others are spotlighted in Transfusion Reactions. This reference manual on noninfectious complications is as prominent in the field as it is comprehensive. Appropriate for clinicians, laboratorians, and nurses worldwide, the book features each complication in terms of clinical presentation, morbidity, differential diagnosis, mechanism of action, treatment, and prevention.

Product Code: 122160 | Member Price: $135 | Nonmember Price: $165

Hemovigilance: An Effective Tool for Improving Transfusion Safety

Edited by René R.P. De Vries, MD, and Jean-Claude Faber, MD

This volume is a practical guide to setting up and improving hemovigilance systems, while raising awareness for reporting adverse events and reactions. This is the first international book on hemovigilance, assembling all the vital issues in one definitive reference source—essential reading for all staff involved in the transfusion process. A general introduction includes chapters on hemovigilance as a quality tool for transfusion as well as concepts of and models for hemovigilance. The core of the book describes how hemovigilance systems have been set up and how they work in hospitals, in blood establishments, and at a national level.

Product Code: 129100 | Member Price: $145 | Nonmember Price: $159.95

TRALI: Mechanisms, Management, and Prevention

Edited by Steven H. Kleinman, MD, and Mark A. Popovsky, MD

This accessible tool provides both an overview and a detailed picture of the relevant clinical, laboratory, pathophysiology, and donor-related issues posed by transfusion-related acute lung injury (TRALI).

Product Code: 082195 | Member Price: $45 | Nonmember Price: $65

Pathogen Inactivation: The Penultimate Paradigm Shift

Edited by James P. AuBuchon, MD, and Christopher V. Prowse, MA, DPhil, FRCPath

With the assumption of remarkably low risk, albeit at a higher cost, pathogen inactivation techniques hold promise for addressing not only known safety concerns, including bacterial contamination, but also the “next new virus” for which we are unprepared. This comprehensive volume presents the basic concepts, reviews completed research, and provides practical implementation advice from an international panel of “early adopters.” This text will be of interest to those who are already using pathogen inactivation techniques, those who are considering them, and those seeking to be informed of important trends.

Product Code: 102118 | Member Price: $120 | Nonmember Price: $144

“Pathogen inactivation techniques hold promise for addressing not only known safety concerns, including bacterial contamination, but also the 'next new virus' for which we are unprepared. This comprehensive volume presents the basic concepts, reviews completed research, and provides practical implementation advice from an international panel of 'early adopters.' This text will be of interest to those who are already using pathogen inactivation techniques, those who are considering them, and those seeking to be informed of important trends.”

—Paul M. Ness, MD

By Holly Rapp, MT(ASCP)SBB, CQA(ASQ)CMQ/OE, and Judith Sullivan, MS, MT(ASCP)SBB, CQA(ASQ)

This manual provides hospital-based blood banks and transfusion services with process flow charts and procedure documents that assist with quality management systems documentation and regulatory and accreditation compliance. Sections address processes for pretransfusion testing, crossmatching, automated testing, antibody identification, mother and infant, transfusion reactions, issue and return, common procedures, and training and competence assessment. Forms are provided for developing a complete training guide and competence assessment packet for each work process. Accompanying USB drive contains SOPs for adoption and customization by facilities.

Product Code: 172180 | Member Price: $140 | Nonmember Price: $170

Guidelines for Mass Fatality DNA Identification Operations

By Amanda Sozer, PhD; Michael Baird, PhD; Michelle Beckwith, BS; Brian Harmon, PhD; Demris Lee, MSFS; George Riley, PhD; and Stefan Schmidt, PhD

This Guideline is intended to be available not only before a disaster occurs to assist in planning, but also at the time of crisis to facilitate implementation under the most difficult of circumstances. Topics covered include program management and oversight, technical considerations in sample collection and testing, data review, screening and statistics, and reporting of results.

Product Code: 103055DB | Member Price: FREE | Nonmember Price: FREE


By Barbee I. Whitaker, PhD; Srijana Rajbhandary, BDS, MPH; and Andrea Harris, MPH

Focused on AABB members, this report on blood collection in 2014 and collection and transfusion of blood in 2015 provides up-to-date statistics, identifies current trends, and compares current findings with those of previous surveys. The text, tables, charts, and graphs present the fascinating (and sometimes surprising) results of the survey and the conclusions that can be drawn from them.

DIGITAL EDITION: Free PDF download is available at www.aabb.org/research/hemovigilance/bloodsurvey/Pages/default.aspx

New! Coming soon!
Personnel/Training

Transfusion Medicine: Self-Assessment and Review, 3rd edition

Edited by Justin D. Kreuter, MD, and Douglas P. Blackall, MD

Developed to be used with the Technical Manual, this book helps students and trainees learn and review concepts in an examination format. A total of 15 chapters contain approximately 40 multiple-choice questions each—a 25% increase from the 2nd edition. The chapters are arranged by subject matter, from donation to transfusion reactions. Detailed explanations are found separately at the end of each chapter, providing a realistic test simulation.

This edition incorporates the latest information and expanded coverage of pathogen reduction, patient blood management, and cellular therapies. Transfusion Medicine Self-Assessment and Review is the perfect classroom and self-study aid.

Product Code: 172040 | Member Price: $105 | Nonmember Price: $130
Product Code: 172040DB | Member Price: $105 | Nonmember Price: $130

DONOR ELIGIBILITY AND SAFETY

Blood Donor Health and Safety

Edited by Anne F. Eder, MD, PhD, and Mindy Goldman, MD

This book focuses on the health and safety of volunteer blood and HPC donors and explores what is known regarding risk factors for complications, including future directions for research to improve blood donor safety. Readers will develop a greater understanding of donor safety issues, blood centers will be able to implement additional strategies for preventing adverse consequences, and donors will benefit from an improved donation experience. Chapters cover:

- Central principles of donor education and counseling.
- Issues in measuring a blood donor’s hemoglobin.
- Adverse events and complications, and preventive strategies.
- Unique aspects of HPC collection.
- International efforts to establish donor hemovigilance programs.
- Collection and analysis of data on donor complications.

Product Code: 092015 | Member Price: $46 | Nonmember Price: $58

Guidelines for Donor Hemoglobin Determination

Developed for the Scientific Section Coordinating Committee by Ritchard G. Cable, MD, and Julie L. Houseworth, MD

Anemia in prospective blood donors may indicate an underlying disease, may result in an ineffective blood product, and may cause harm to the recipient. Thus, the measurement of donor hemoglobin as a means of determining donor eligibility is of paramount importance. This Guideline identifies several of the methods currently in use for determining hemoglobin levels. The advantages, disadvantages, technical aspects, and quality assurance considerations of each method are described so that collection personnel can choose a particular method that ensures protection of the donor and a safe and effective product for the recipient.

Product Code: 073070 | Member Price: $15 | Nonmember Price: $18
Product Code: 073070DB | Member Price: $15 | Nonmember Price: $18

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AABB Publications Order Form

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(Member number required for member prices.)

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(required for processing)

Facility Name (if applicable)

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(PO boxes are not accepted)

Street Address 2

City/State/Zip+4

Country/Postal Code

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Email

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Credit Card #

Exp. Date

Cardholder’s Name

Signature

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