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Foreword

It is a great pleasure to present this selection of relevant and distinctive AABB resources. The topics covered by these publications reflect the broad interests of AABB members, so there should be something in these pages for everyone.

This year we have a special treat for those who work with blood group antigens and antibodies. With the permission and assistance of the authors, AABB has reprinted *Applied Blood Group Serology*, 4th edition (Issitt/Anstee), which has been unavailable for several years. This classic resource is offered for a limited time.

Another highlight is a new edition of *Transfusion Therapy: Clinical Principles and Practice*. A new editorial team has stayed true to the goals of excellence in previous editions but added a fresh approach and updated content.

Not to be outdone, the standards development team—committee and staff—have translated the guidance from the Portal into a print version for each new edition released. Thus far, print guidance is available for *CT Standards* and *RT Standards*, with more to follow as other editions are updated.

AABB is also proud to announce implementation of a new platform for our digital library in the closing months of 2019. The new features will permit a better user experience, especially with templates that can be downloaded, customized, and printed.

The AABB commitment to member education remains a top priority, whether the need is to stay up to date on developments, provide quality care for patients and donors, or prepare for increased career growth. So be sure to keep your catalog handy or bookmark the website in your browser.

Laurie Munk
Publications Director, AABB
Standards for Blood Banks and Transfusion Services, 31st edition
(effective April 1, 2018)

The 31st edition of Standards for Blood Banks and Transfusion Services details the latest standards of practice in blood banking and transfusion medicine. As in the past, each chapter heading represents one of the Quality System Essentials and the quality standards are supplemented by technical requirements. The effective date of this edition is April 1, 2018.

- Standards 5.1.2.1 through 5.1.2.1.2 are new to the 31st edition, created to ensure that facilities located outside the United States participate in an external proficiency testing program where available.
- Standard 5.6.7.1 has been edited to require the use of nationally recognized classifications in place of “standardized definitions” for adverse events. This change should minimize the chance for conflicting or duplicative nomenclatures being used.
- Standard 7.3.1 is new to this edition and was created to allow facilities that operate in countries without nationally recognized classifications to use internationally recognized ones.

STANDARDS PORTAL: AABB, 2018, digital edition
Product Code: 183120SP | Member Price: $179 | Nonmember Price: $245
Product Code: 183120 | Member Price: $179 | Nonmember Price: $245
PRINT AND PORTAL BUNDLE: Product Code: 183830 | Member Price: $288 | Nonmember Price: $300

Standards for Relationship Testing Laboratories, 14th edition
(effective January 1, 2020)

The Standards for Relationship Testing Laboratories outlines requirements for facilities determining identity in cases involving paternity claims, immigration status, and some forensic testing.

Significant changes in the 14th edition include:
- Allows for a technical leader (defined in the Glossary) to serve a laboratory director if he/she serves in this role at a forensic laboratory accredited to the current FBI quality assurance standards for DNA testing.
- A limit of 10 laboratories (no more than 5 being testing laboratories) that one lab can oversee.
- New Standards 6.4.4 and 6.4.5 regarding the use of “AABB” or “AABB.org” in domain names, email addresses, or search engine advertisements.
- New requirement for policies, processes, and procedures to address continuity in the event that operations are put at risk.

STANDARDS PORTAL: AABB, 2019, digital edition
Product Code: 193293SP | Member Price: $140 | Nonmember Price: $195
Product Code: 193293 | Member Price: $140 | Nonmember Price: $195
PRINT AND PORTAL BUNDLE: Product Code: 193982 | Member Price: $245 | Nonmember Price: $300

Guidance for Standards for Relationship Testing Laboratories allows the reader to see the requirements in the RT Standards side by side with the associated guidance. Similar to information in the Portal, the guidance highlights issues that may require additional context and/or examples to assist users in attaining compliance. A bonus copy of the RT Standards is included in the bundle.

PRINT AND GUIDANCE BUNDLE: Product Code: 194093 | Member Price: $245 | Nonmember Price: $300

Standards for Immunohematology Reference Laboratories, 10th edition
(effective January 1, 2018)

Standards for Immunohematology Reference Laboratories relies on a matrix of quality management system and detailed operational requirements, such as those defining minimum antisera resources. Significant changes in the 10th edition include:

- Standard 4.1.2.2 allows facilities located outside of the United States to use testing centers in their country that have been approved by their Competent Authority.
- Standard 5.1.5.2.1 requires laboratories that receive oral requests for blood components to record the request and maintain the record.

Product Code: 173125SP | Member Price: $126 | Nonmember Price: $152
Product Code: 173125 | Member Price: $126 | Nonmember Price: $152
Standards for Perioperative Autologous Blood Collection and Administration, 8th edition
(effective January 1, 2019)
Standards for Perioperative Autologous Blood Collection and Administration addresses the collection and preparation of components from intraoperative blood recovery. Its goal is to maintain and enhance the quality and safety of care for autologous donor/patients and to provide a basis for the AABB Accreditation Program. Significant changes include:

- New Standard 4.1.2.2 allows facilities that perform testing to use a laboratory certified by their respective Competent Authority as opposed to a laboratory certified by CMS.
- Subnumber 10 has been added to Standard 5.3, which now requires that accredited perioperative programs define collection parameters for the minimum blood volume collected for processing.
- Standard 8.2 has been expanded to require that perioperative programs maintain patient identification records and sample collection and labeling records as a part of program monitoring.

STANDARDS PORTAL: AABB, 2018, digital edition
Product Code: 183100SP | Member Price: $136 | Nonmember Price: $163
PRINT EDITION: AABB, 2018, soft cover, 65 pages, ISBN 9781563959820
Product Code: 183100 | Member Price: $136 | Nonmember Price: $163

WHAT’S NEW?
AABB Standards* come in 5 formats to fit your needs:
- Print and Guidance bundle. Starting with the CT Standards and RT Standards published in 2019, each set of standards will be available with guidance in print. Similar to the information in the Portal, the guidance highlights issues that can be best understood with supplemental material.
- Portal edition. This annotated, digital product provides links to all the information the committee members used in developing the requirements in each edition. Text of federal regulations, Association Bulletins and other AABB resources, and variances that have been granted are as close as a click away.
- Trial Portal. Not convinced? You can try the Portal for a few weeks at no charge.
- Print edition. Sometimes the quickest way to look up a requirement is to thumb through the pages of a traditional printed book. A hard copy is especially valuable when Internet access is not available or laptop batteries run down.
- Bundle. Face it. Sometimes, you just need both the Portal and the print. Together, they are available at a significant discount.

Ordering details can be found at www.aabb.org/marketplace.
*Fundamental Standards for Blood Collection and Transfusion is available only as a PDF download.

Fundamental Standards for Blood Collection and Transfusion
The Fundamental Standards for Blood Collection and Transfusion was developed in the context of the global drive for quality in the health care and internationally recognized principles of quality management. It is for educational purposes only—a resource on and introduction to AABB standard-setting as a process. It can also be a tool to assist facilities and personnel take the first step in incorporating quality concepts into blood banking. Notably, there is no accreditation program associated with these Fundamental Standards.

As in other sets of AABB Standards, these Fundamental Standards follow the Quality System Essentials framework. They are based on input from internationally recognized experts, public comment, and the scientific literature on techniques and applications with an emphasis on regions with limited resources.

DIGITAL EDITION: AABB, 2018, 79 pages, PDF file
Product Code: 182237DB | Member Price: FREE | Nonmember Price: FREE

(effective January 1, 2018)
Standards for a Patient Blood Management Program can help facilities that are implementing or enhancing PBM efforts to have a solid foundation for maintaining and optimizing the care of patients who may or may not need transfusion. Like other AABB standards, this edition includes overarching quality standards as well as specific technical standards. Unlike other AABB standards, this edition acknowledges three distinct PBM program activity levels that reflect the functions an individual facility may perform. Significant changes include:

- Standard 2.1.4 requires facility-defined educational requirements rather than facility-defined credentials.
- Standard 5.4 has been added to ensure that patient blood management programs create transfusion indications that are program defined.
- Standard 5.7 requires that all programs define and review methods for minimizing blood loss during surgery and invasive procedures.
- Standard 6.2.3.2 has been included to ensure that patient records are linked to those contained in the laboratory information system.

Product Code: 173186SP | Member Price: $85 | Nonmember Price: $100
Product Code: 173186 | Member Price: $85 | Nonmember Price: $100
PRINT AND PORTAL BUNDLE: Product Code: 173882 | Member Price: $125 | Nonmember Price: $180
Standards for Out-of-Hospital Transfusion Administration Services, 1st edition
(effective July 1, 2018)

Standards for Out-of-Hospital Transfusion Administration Services (OHTAS Standards) details the latest standards for facilities other than the hospital that administer blood transfusion. As medical care advances and the population ages, the number and diversity of settings for blood transfusion are increasing. Long-term care facilities, infusion centers, hospices, and home-care agencies need to ensure that the quality of care with respect to transfusion medicine is not diminished for patients in these settings. These OHTAS Standards do not address transfusions that are administered in ambulances or helicopters before a person reaches the hospital.

As with other AABB Standards, the Quality System Essentials form the framework for the OHTAS Standards. The requirements in this document were developed to be consistent with those in the Standards for Blood Banks and Transfusion Services. In fact, users of both sets of Standards will notice some overlap in both the quality and the technical requirements of the two sets. This is intentional and reflects current practice.

STANDARDS PORTAL: AABB, 2018, digital edition
Product Code: 183142SP | Member Price: $65 | Nonmember Price: $79
PRINT EDITION: AABB, 2018, soft cover, 44 pages, ISBN 9781563959875
Product Code: 183142 | Member Price: $65 | Nonmember Price: $79
PRINT AND PORTAL BUNDLE: Product Code: 183145 | Member Price: $120 | Nonmember Price: $140

Standards for Cellular Therapy Services, 9th edition
(effective July 1, 2019)

The ninth edition of Standards for Cellular Therapy Services details the latest standards of practice for accredited cellular therapy facilities.

Significant changes to the 9th edition include:
• A new standard requiring facilities have policies, processes, and procedures in place to address operational continuity in situations where a facility’s operational status may be in question.
• ISBT 128 labeling requirements for all products, recognizing different time frames at which point the label must be attached.
• New clinical outcome requirements for facilities that administer or process islets.
• New requirements for what must be included in records of products procured, processed, or cryopreserved.
• New standards focused on the monitoring of oxygen levels and the subsequent activation of alarms when they deviate.

Product Code: 193223 | Member Price: $280 | Nonmember Price: $375
PRINT AND PORTAL BUNDLE: Product Code: 193099 | Member Price: $280 | Nonmember Price: $375

Standards for Molecular Testing for Red Cell, Platelet, and Neutrophil Antigens, 4th edition
(effective October 1, 2018)

Standards for Molecular Testing for Red Cell, Platelet, and Neutrophil Antigens contains requirements for facilities using molecular methods to detect and identify blood group antigens. It addresses RFLP testing, SNP analysis, and DNA array. Also provided is a detailed list of inventory resources required for performing this work. Significant changes include:
• New to the 4th edition, Standard 1.3.1 requires that all exceptions to policies, processes, and procedures be approved and justified by the medical director. This standard appears in many other sets of AABB Standards.
• Standard 3.4.2 has been edited to ensure that any device that has been repaired, retooled, or recalibrated has shown that an indication exists to perform look-back to determine when the previous acceptable check occurred.
• Standard 5.4.2 is new to the 4th edition, and recognizes that many laboratories are using their own laboratory-developed tests. Standard 5.4.2 ensures that laboratories maintain version control for the algorithms developed in genotype prediction.

STANDARDS PORTAL: AABB, 2018, digital edition
Product Code: 183115SP | Member Price: $121 | Nonmember Price: $142
Product Code: 183115 | Member Price: $121 | Nonmember Price: $142
PRINT AND PORTAL BUNDLE: Product Code: 183295 | Member Price: $175 | Nonmember Price: $208
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 in the Transfusion Service

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

An audit can be defined as an investigation of whether work processes, systems, and products adhere to established criteria. After expanding on this definition and addressing other fundamentals of auditing, this book dives into the nuts and bolts of transfusion service audits. To help design, conduct, and follow-up on internal as well as external audit activities, the text is supplemented by over two dozen appendices of sample forms, templates, charts, and other tools, which can be customized for use at each user’s facility. Topics featured include:

- Auditing terminology, types of audits, sample criteria.
- Audit plan, audit templates, auditor characteristics.
- Using auditing tools, and collecting and documenting evidence.
- Analyzing and reporting results.
- Follow-up response to nonconformances.
- Lessons learned.

Product Code: 122009DB | Member Price: $40 | Nonmember Price: $55

CFR Mini-Handbook

The 2019 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 2019. 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 600.21—Time of inspection.
- Part 600.22—Duties of inspector.
- 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.
- 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 864.9165—Blood establishment computers.
- Part 1270—Human tissue intended for transplantation.
- Part 1271—Human cells, tissues, and cellular and tissue-based products.
- Part 1271.26—Amending an establishment registration. (New)

Title 42
- Part 493—Laboratory requirements.

PRINT EDITION: AABB, 2019, soft cover, ISBN 9781563959851
Product Code: 193888 | Member Price: $120 | Nonmember Price: $145

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.

An accompanying USB flash card gives you the entire book in electronic form plus bonus references and recommended readings.

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

Circular of Information for the Use of Cellular Therapy Products (2018)

The Circular of Information for the Use of Cellular Therapy Products (CT Circular) is intended to be an extension of the cellular therapy product label. It describes available products, modifications, indications, contraindications, dosage and administration, side effects, and hazards of cellular therapy products. It has been jointly prepared by the AABB Circular of Information for Cellular Therapy Products Task Force, which includes a collaborative group of multiple nongovernmental organizations that represent the cellular therapy field. The US Food and Drug Administration and the Health Resources and Service Administration also participated in the development and review process.

The Task Force intentionally limited its scope to include only minimally manipulated cellular therapy products such as peripheral blood progenitor cells, bone marrow, cord blood, and leukocytes. The group recognizes there are multiple cellular therapy products that could not be adequately covered in the CT Circular. To accommodate this, the CT Circular includes multiple blank pages at the end of the PDF that are “unlocked” to allow for the addition of product or facility-specific information.

DIGITAL EDITION: Free PDF can be downloaded from www.aabb.org/CTCircular.

Hematopoietic Stem Cell Transplantation: A Handbook for Clinicians is an essential resource for trainees in transfusion medicine and blood and marrow transplantation.

The Handbook concisely covers all aspects of patient care, including pretransplant considerations, peritransplant support, and posttransplant management. There is no other single text that covers this material so well.

—David McKenna, MD
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:

- Quality assurance: Including process control, records, audits, equipment, personnel, validation, etc.
- Facilities: Aseptic processing, computer systems, safety, and procedures for facility control.
- 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
Product Code: 153420DB | Member Price: $215 | Nonmember Price: $245

BUY BOTH AND SAVE!
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

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

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
Preoperative Anemia Management

By Kathrine Frey, MD; Kelly McCoy, RN; Shylah Quast, BSN, RN; Rita Schwab, CPMSM; Deborah Tolich, DNP, MSN, RN

This step-by-step guide to launching a preoperative anemia management program takes you through the process, from building a smart business model and gaining buy-in and approval, to implementation, measuring results, and demonstrating value. Hospital leaders and initiative champions: This is your essential primer. Topics and forms include:

- Feasibility studies and business proposals.
- Engagement of leaders and stakeholders.
- Guidelines, algorithms, and workflows.
- Implementation and evaluation.
- Samples, templates, and PowerPoint slides in editable, electronic formats.

Appendices offer invaluable sample documents, also provided on a USB card for customization by the user. Get a head start toward success with ready-made templates, such as a business plan, an implementation plan, a project management tool, workflows, correspondence, and more!

Product Code: 192991 | Member Price: $84 | Nonmember Price: $122

DIGITAL EDITION: AABB Press, 2019
Product Code: 192991DB | AABB and SABM* Member Price: $110 | Nonmember Price: $145

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, technologists, pharmacists, ethicists, and risk managers. Each scenario features learning objectives, a clinical situation, discussion of PBM options, key points, and references. Scenarios include:

- Anemic patients.
- OB/GYN patients.
- Orthopedic surgery.
- Cardiovascular surgery.
- Patients who refuse consent.
- Patients who are bleeding significantly.
- Hematology/Oncology patients.

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

DIGITAL EDITION: AABB/SABM, 2015
Product Code: 156897DB | AABB and SABM* Member Price: $110 | Nonmember Price: $145


*Please call +1.866.222.2498 to receive your discount.

PBM Program Toolkit: Quality Manual

By Addisalem Taye Makuria, MD

A quality manual is required for implementation of a quality management system, to ensure that a program is not only well-run, but is also compliant with regulatory or accreditation requirements. This toolkit is a template, providing the framework for quality manual content as well as some sample language and listings of documents that demonstrate the kind of information a program should include. It is consistent with AABB Standards for a Patient Blood Management Program, and will be a huge time-saver for users tasked with creating or improving their quality manual.

Included with the lay-flat print copy is a USB flash card loaded with the same content. Users are encouraged—even requested—to make a working copy of the master file; customize it with facility- and program-specific details; and then review, authorize, and make it part of the program’s living documents.

PRINT EDITION: AABB Press, 2018, spiral-bound cover, 33 pages, USB flash card included, ISBN 9781563959769
Product Code: 182891 | Member Price: $95 | Nonmember Price: $130

DIGITAL EDITION: AABB Press, 2018
Product Code: 182891DB | AABB Member Price: $95 | Nonmember Price: $130

www.aabb.org/marketplace

Just finished reading—great book! Really good pearls for starting a preop anemia clinic and very to the point. Plus, the toolbox on the flash drive is very useful. If the thought of implementing a preoperative anemia management program has crossed your mind, this book is for you! Written by experienced PBM practitioners, the book describes each phase necessary to build and maintain a successful program.

—Mark Friedman, DO

NEW!
PBM Metrics

By Nancy Fredrich, RN, BSN, MM; Richard Gammon, MD; Cheryl A. Richards, MT(ASCP)SBB; and Robin Tauer, RN, MHA

PBM Metrics brings you front-line expertise in collecting, analyzing, and reporting data on transfusion safety and patient blood management activities. Written by experts, the 23 chapters cover the vexing questions people raise about metrics. What metrics are most useful? How much data is too much data? How do you integrate what you are doing with the facility’s IT system? What data are critical to track? How do you spot trends and determine their meaning? What’s the most effective way to show the results? This information-packed volume will help you cross off many items on your metrics checklist.

Topics include:
• The big picture (role of metrics in PBM, different types of metrics).
• Data collection (best practices, provider-specific metrics, dashboards).
• What to measure (thresholds, single-unit transfusions, nursing notes, reactions).
• Usage trends (percent/number wasted, surveys, data comparisons).
• Sharing what you find out (graphics, level of detail, anonymous or not?)

Product Code: 192896 | Member Price: $84 | Nonmember Price: $122
DIGITAL EDITION: AABB Press, 2019
Product Code: 192896DB | Member Price: $84 | Nonmember Price: $122

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

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)

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 cardiac surgery.

Product Code: 162185 | Member Price: $130 | Nonmember Price: $150
DIGITAL EDITION: AABB Press, 2016
Product Code: 162185DB | Member Price: $130 | Nonmember Price: $150

+1.866.222.2498
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: 132219 | Member Price: $75 | Nonmember Price: $95

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? This book will help 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


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: 133022 | AABB and SABM* Member Price: $50 | Nonmember Price: $70
*Please call +1.866.222.2498 to receive your discount.

Getting Started in Patient Blood Management

By James P. AuBuchon, MD, FCAP, FRCP(Edin); Kathleen E. 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
Transfusion Therapy: Clinical Principles and Practice, 4th edition
Edited by Marisa Marques, MD; Joseph Schwartz, MD, MPH; and Yan Yun Wu, MD, PhD

Foreword by Paul D. Mintz, MD

In the preface to the third edition, Dr. Paul Mintz wrote, “It is tempting to wonder what will (and will not) be included in the fourth edition.” No need to wonder any longer. The editorial team for this edition has reorganized and refreshed the content to reflect the many changes in the transfusion medicine landscape in the intervening years. Chapter authors have emphasized evidence-based recommendations wherever possible to aid both primary and consultative clinicians.

The 22 chapters are grouped in three sections: Blood Products and Derivatives, Transfusion Medicine Practice, and Management Aspects of Transfusion Practice. The first section addresses (among other topics) pathogen reduction, unit age influence on patient outcome, and expanding modifications of components, as well as clinical use of components and derivatives. Chapters in the central section focus on sometimes-challenging areas of transfusion medicine such as use of extracorporeal devices; support for pregnant patients, neonates, and children; care of those who refuse consent; management of, and testing for, hemostasis—among many others. The final section brings readers up to date on management aspects, including hemovigilance, medico-legal issues, quality, regulations, and initiatives and metrics for optimal blood utilization.

Product Code: 192005 | Member price: $180 | Nonmember price: $260
DIGITAL EDITION: AABB Press, 2019
Product Code: 192005DB | Member price: $180 | Nonmember price: $260

Collected Questions and Answers, 12th edition
By Mark E. Brecher, MD, and Jay S. Raval, MD

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, 2018, soft cover, 146 pages, ISBN 9781563959844
Product Code: 183106 | Member Price: $60 | Nonmember Price: $80

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

This must-have resource covers the entire spectrum of blood collection and transfusion: 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.
• 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.

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

DIGITAL EDITION: AABB, 2017
PRINT AND DIGITAL BUNDLE: Product Code: 173690 | Member Price: $272 | Nonmember Price: $408
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

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: $142 | Nonmember Price: $168

BUY A BUNDLE AND SAVE!

Prophylactic Platelet Transfusion Data Card (Set of 10) & Platelet Transfusion Therapy


WHAT’S NEW?

The Handbook Series

The Physician’s Handbook Series has provided handy, reliable, and valued resources for thousands of practitioners over the years. The solid content is informative and the references put readers on the right track to further research. In addition, many nonphysicians such as nurses, technologists, and other specialists have depended on one or more books in the series as their “go-to” or first resource. Facilities and industry partners find them useful as training tools for staff on rotation or as gifts for clients.

In recognition of the broader use of these pocket texts, AABB has renamed the series as the AABB Handbook Series. As editions get updated, the new branding will be implemented. First to experience the transition is the 6th edition of the Therapeutic Apheresis Handbook, which reflects the indications in the 2019 Special Edition of the Journal of Clinical Apheresis.

The series currently includes handbooks on:
• Blood transfusion therapy (page 13)
• Pediatric transfusion (page 16)
• Perioperative blood management (page 10)
• Therapeutic apheresis (page 17)

In development is a long-awaited update of a cellular therapy handbook, originally released in 2004 and unavailable since 2014. Plans are also under way for the series to include a handbook on coagulation.

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

Prophylactic Platelet Transfusion Data Card (Set of 10) & Platelet Transfusion Therapy


BUY A BUNDLE AND SAVE!
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

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.

Product Code: 173103 | Member Price: $35 (set) | Nonmember Price: $45 (set)

SEE ALSO
RBC Transfusion Data Card, page 10
Prophylactic Platelet Transfusion Data Card, page 10
Pediatric Hemotherapy Data Card, page 17

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 required by FDA regulations 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)


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

This popular 8.5” x 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!

Product Code: 173109 | Member Price: $40 | Nonmember Price: $50

DIGITAL OPTION

USB DIGITAL EDITION: AABB, 2018, includes FDA-approved guidance on when digital version may be used, as well as three sets of 50 of the print brochures.
Product Code: 173018 | Member Price: $165 | Nonmember Price: $185
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)

“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. 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

Applied Blood Group Serology, 4th edition (reprinting)

By Peter D. Issitt, PhD, FIMLS, FIBiol, FRCPath, and David J. Anstee, PhD, FRCPath, FMEedSci

This reprinting of the blood banking classic by Issitt and Anstee is ideal for those serologists who have lost their original copy, those who keep their tattered copy together with elastic bands, or those who never had a copy and have a hard time borrowing one. Immunohematologists all over the world still use this cherished reference. Frequently cited by more recent texts, this edition from 1998 is the source that contains the detailed information referred to by others. This reprinting is available for a limited time only.

Product Code: 199001 | Member price: $195 | Nonmember price: $285

Applied Blood Group Serology, 4th edition, is a one-of-a-kind resource for anyone interested in immunohematology. This book is complete with nearly all the hard-to-find references for blood group serology prior to its publication in 1998. Plus, nothing can replace Peter Issitt’s personality coming through in the writing.
—Sue Johnson, MSTM, MT(ASCP)SBB

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. 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.

Product Code: 082190 | Member Price: $115 $63 | Nonmember Price: $140 $77

www.aabb.org/marketplace
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 methods, but also to laboratories that use multiple panels and special testing methods.

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

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
DIGITAL EDITION: AABB Press, 2013
Product Code: 132020DB | Member Price: $82 | Nonmember Price: $105

BUY A BUNDLE AND SAVE!

Investigating Positive DAT Results: A Case Study Approach & Antibody Identification: Art or Science? A Case Study Approach
BOTH BOOKS: Product Code: 152770 | Member Price: $95 | Nonmember Price: $125
Nonmember Price: $168

Relationship Testing 1.0

By Robert E. Wenk, MD, MS(ASCP)SBB

“A resident called to say that his wife had just delivered a baby. I congratulated him, but his response was immediate and unhappy: ‘Not so fast! Tell me if two people who are blood type O can have a type A baby.’ I mumbled something about the Bombay blood group, but we both knew the truth.” This primer on relationship testing may begin with paternity issues, but it also discusses other uses of the science.

Automation in the laboratory has enabled rapid and accurate test results, with computers processing the calculations for relationship probabilities. Unfortunately, these advances have come at the expense of our understanding of the testing logic that underlies those results. This concise text fills the gap in the current literature by providing a fundamental explanation of relationship testing in easily understood terms. Chapters address the basic science, how statistics are used, how the logic of relationship testing evolved, the types of testing used for paternity, and testing for other blood relatives. Suggested readings and a helpful glossary are included.

Product Code: 182871 | Member Price: $75 | Nonmember Price: $105
DIGITAL EDITION: AABB Press, 2018
Product Code: 182871DB | Member Price: $75 | Nonmember Price: $105
PRINT AND DIGITAL BUNDLE: Product Code: 182877 | Member Price: $120 | Nonmember Price: $168
Special Patients/Situations

Massive Transfusion

By Lynn G. Stansbury, MD, MPH, MFA, FACP, and John R. Hess, MD, MPH, FACP, FAAAS

Recent changes in massive transfusion response efforts are being implemented by many institutions around the world, with excellent results. Massive Transfusion succinctly explains the modern concepts of large-scale blood use; reviews the critical pathophysiology that requires massive transfusion; discusses the key administrative and technical issues surrounding support of catastrophic bleeding; and identifies challenges that need to be addressed in order to continue progress in the future. Content includes:

• How historical approaches are being replaced by modern concepts.
• What components are needed for balanced resuscitation.
• How coagulopathic bleeding can evolve.
• Patient groups most likely to need massive transfusion.
• Changing approaches to resuscitation from expert practitioners.
• USB flash card of flowcharts, protocols, two case studies, and process documentation for adult and pediatric patients.
• Extra Bonus! Laminated data card features massive transfusion protocol activation steps on one side and what to do while the massive transfusion protocol is ongoing on the flip side.

Product Code: 192318 | Member Price: $84 | Nonmember Price: $122
DIGITAL EDITION: AABB Press, 2019
Product Code: 192318DB | Member Price: $84 | Nonmember Price: $122


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

I purchase the Pediatric Transfusion: A Physician’s Handbook and Pediatric Hemotherapy Data Cards every year for the incoming hematology/oncology and anesthesia fellows as well as the pediatric and pathology residents rotating in the blood bank.

We get great feedback about the book as it is a concise review of pediatric transfusion medicine and a great resource for clinical care. One year, I purchased a copy for the entire Anesthesia Faculty at CHOP, since it was perceived as such a powerful resource.

Even in the “digital age,” the books and data cards are very popular among the trainees, especially those residents and fellows preparing for their board exams. They really appreciate having them as up-to-date and easy-to-access references. I also give the data cards to medical students attending lectures on basic blood banking and when I teach a more advanced class on transfusion medicine.

—Deborah Sesok-Pizzini, MD, MBA

Pediatric Hemotherapy Data Card

(Set of 10)

Edited by Edward C.C. Wong, MD; Susan D. Roseff, MD; and 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)

BUY A BUNDLE AND SAVE!

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

**Neonatal Transfusion Guidance**

*Developed for the Transfusion Medicine Section Coordinating Committee By Steven Sloan, MD, PhD; Cassandra Josephson, MD; Mark K. Fung, MD, PhD; and Susan D. 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).

**DIGITAL EDITION:** AABB, 2012, 32 pages, ISBN 9781563958489  
Product Code: 123089DB | Member Price: $35 | Nonmember Price: $45

**Therapeutic Apheresis: A Handbook, 6th edition**

*Edited by: Joseph Schwartz, MD, and Nick Bandarenko, MD*

Published jointly by AABB and the American Society for Apheresis (ASFA), *Therapeutic Apheresis: A Handbook* provides a thorough yet succinct account of the most commonly practiced apheresis procedures and indications for their use. It reflects the latest contents of the *Journal of Clinical Apheresis* 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 represents an indispensable resource for every apheresis physician, nurse, and related support personnel.

Topics:
- Therapeutic cytapheresis procedures, including thrombocytapheresis and leukocytapheresis.
- All aspects and indications for extracorporeal photopheresis.
- Therapeutic plasma exchange.
- All aspects of red cell exchange.
- Pediatric patients, including hypovolemia and red cell intravascular deficit.
- Lipoprotein apheresis.
- Responsibilities of the apheresis physician.

This pocket-sized reference also summarizes the most recent treatment recommendations for the diseases discussed.

**PRINT EDITION:** AABB/ASFA, 2019, soft cover, illus, ISBN 9781563859974  
Product Code: 193025 | AABB and ASFA* Member Price: $75 | Nonmember Price: $110  
*Please call +1.866.222.2498 to receive your discount.

**DID YOU KNOW?**

Several of the AABB resources listed in this catalog (and those additional ones that are accessible via the website MarketPlace) are free.
- Circular of Information for the Use of Cellular Therapy Products
- Disaster Operations Handbook: Coordinating the Nation’s Blood Supply During Disasters and Biological Events
- Fundamental Standards for Blood Collection and Transfusion
- Getting Started in Patient Blood Management (free to members)
- Guidelines for Mass Fatality DNA Identification Operations
- The 2016 AABB Blood Survey Fact Sheet (free to members)

Other publications can be purchased at a low cost—from about $15 to $40 for members.
- Auditing in the Cellular Therapy Laboratory
- Auditing in the Donor Center
- Auditing in the Transfusion Service
- Blood Transfusion Therapy: A Physician’s Handbook
- Blood Transfusion Therapy Data Card
- Blood Transfusion Therapy: A Guide to Blood Component Administration
- Guidelines for Antibody Identification
- Guidelines for Patient Blood Management and Blood Utilization
- Neonatal Transfusion Guidance
- Pediatric Hemotherapy Data Card (set of 10)
- Pediatric Transfusion: A Physician’s Handbook
- Prophylactic Platelet Transfusion Data Card (set of 10)
- RBC Transfusion Data Card (set of 10)
Screening Blood Donors with the Donor History Questionnaire

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

This long-awaited revision of Screening Blood Donors (2007) captures the significant changes and research developments that have taken place regarding use of the donor history questionnaire to access donor eligibility. Internationally recognized experts provide essential information on current regulations and standards, variability in practices, a framework for decision-making in situations of absent or incomplete data, and differences between policies for collection of blood components and cellular therapy products. Chapters:

- Donors with cardiovascular disease, impaired hemostasis, or a history of cancer
- Medications and vaccinations
- Donors with hereditary hemochromatosis
- HIV risk factors and hepatitis risk factors
- Travel history
- PDI management and counseling
- Donor reentry

Product Code: 192165 | Member Price: $95 | Nonmember Price: $138

DIGITAL EDITION: AABB Press, 2019
Product Code: 192165DB | Member Price: $95 | Nonmember Price: $138

AABB donor center resources are not always in book form. Take advantage of these resources on our website.

- On the Front Lines: Research and Donation. [www.aabb.org/frontlines1]
- On the Front Lines: Products and Delivery. [www.aabb.org/frontlines2]

ON-DEMAND eCASTS

Learning When You Want It, Where You Want It, How You Want It

AABB On-Demand eCasts are excellent educational resources that address basic introductions to cutting-edge developments. Flexible, self-paced programs, eCasts are available at your convenience (now, later, home, office, smartphone, tablet, laptop). In addition to competitive pricing, most programs are eligible for continuing education credit and are hosted on our new education platform.

On-Demand eCast donor topics include:

- Oh, No! No O Negs! Inventory Management During Shortages (new)
- Transgender Donors: Everything You Wanted to Know but Were Afraid to Ask
- Pathogen Reduction: Blood Center and Hospital Perspectives and Lessons Learned (new)
- Donor Hemovigilance Interventions
- Update on Testing for Emerging Transfusion-Transmitted Infections: Babesia, Zika, and Dengue (new)
- Utilizing Employee Engagement to Reduce Turnover
- And so much more!

A complete listing of available programs, pricing, and ordering details can be found at: http://www.aabb.org/eCastOn-Demand.
Operations


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

Disaster Operations Handbook: Coordinating the Nation’s Blood Supply During Disasters and Biological Events, v3.0

Prepared and updated by members of the AABB Interorganizational Task Force on Domestic Disasters and Acts of Terrorism

The Disaster Operations Handbook is a highly relevant resource for all community blood centers, hospital blood banks, and transfusion services. It assists facilities in preparing for and responding to domestic disasters and acts of terrorism that affect blood supply and demand. It also provides a clear description of the federal, state, and regional networks available for support in the event of a crisis.

The portion that is most applicable to blood collectors has two major areas of focus: Preparation strategies to have in place before an event happens and activation procedures to implement once an event occurs. The portion that is most applicable to transfusion services and hospitals that do not collect allogeneic blood addresses not only providing transfusion in times of crisis, but also working effectively with local blood suppliers.

Ethical Issues in Transfusion Medicine and Cellular Therapy

Edited by Ronald E. Domen, MD, FACP, FCAP

Since this book’s predecessor was first published in 2000, the medical field has continued to change and advance in both the research and clinical realms. Ethical Issues in Transfusion Medicine and Cellular Therapy captures the essence of today’s issues and provides thought-provoking discussions from multiple perspectives. In addition, the book contains several case studies—short vignettes pulled from real-life experiences—that can stimulate consideration not only by physicians, but also by other professionals working in all areas of patient care. Content covers issues related to massive transfusion, MSM donors, donor incentives, cord blood, informed consent, research ethics, and hematopoietic mobilization, among others.

Product Code: 152150 | Member Price: $95 | Nonmember Price: $125
DIGITAL EDITION: AABB Press, 2015
Product Code: 152150DB | Member Price: $95 | Nonmember Price: $125

The quest for clear, concise, efficient transfusion service documents never ends, especially in a busy and growing multi-hospital transfusion service. As we rewrite and revise our documents, the Transfusion Service Manual has been both mentor and reference, providing templated examples of procedures in blocked format, clear process flow diagrams, and thoughtful training and competency assessment tools. These resources are invaluable to those who are reaching for the next level of clarity.

—Jacolyn D. Leibold, MBA, MT(ASCP)SBB
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. Special emphasis is placed on family interactions, educational and psychosocial support, and confidentiality of data. Appendices address determining probabilities, identifying mutations, calculating kinship, handling pedigree discrepancies, and using family pedigrees for correct sample collection.

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

SEE ALSO

Relationship Testing 1.0, page 15
Standards for Relationship Testing Laboratories, 14th edition, page 2

The 2016 AABB Blood Survey Fact Sheet

AABB regularly surveys its members for information about blood collection and utilization. The AABB survey results are shared with AABB members, who use the data to benchmark their activities and to better understand the current environment. Additionally, AABB uses these data to identify industry trends and to inform decision making, planning, and policy positions. The 2016 AABB Blood Survey Fact Sheet documents blood collection and utilization by US-based AABB member facilities in 2016. AABB extends its gratitude to the participants of this survey.

DIGITAL EDITION: Free PDF can be downloaded from www.aabb.org/research/hemovigilance/bloodsurvey/Pages/default.aspx.

Personnel/Training

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

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
DIGITAL EDITION: AABB Press, 2017
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Concise Guide to Transfusion Medicine

By Minh-Ha Tran, DO; Marissa Li, MD; Suchitra Pandey, MD; and Erica Antell, MT(ASCP)SBB

All professionals who hold American Board of Pathology certification in transfusion medicine/blood banking are required to take a 10-year recertification examination. Residents and transfusion medicine fellows must also prepare for initial certification. Non-transfusion-trained professionals need to bolster their knowledge when they are called to provide coverage for the transfusion service. Concise Guide to Transfusion Medicine was designed to support all professionals for whom continuing education is critical throughout their careers.

Presented in a graphic format rather than text, the 28 sections are distilled from major AABB texts, including the Technical Manual, and provide a portable, on-the-go reference.

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