2027 PUBLICATIONS CATALOG

aabb.org/Store



Welcome!

Stay Tuned!

We are happy to share with you new resources from AABB that have been created by, and for, members and allied health professionals. Whether you use these offerings to improve donor and patient care, make your facility operate with efficiency and quality, advance your career, or keep abreast of rapidly changing science and technology—there is bound to be something that piques your interest.

In addition to providing resources for the profession, AABB publications provide a mechanism for knowledge sharing and networking. Some of the larger titles may involve upwards of 200 contributors, all working on a shared vision. Some of the shorter titles may involve a tight working group. In either case, the collaboration and dedication are designed to serve you, the reader.

So, browse through the items presented to find something of interest. If you have a topic that you think needs to be explored further, let us know (publications@aabb.org). That's where some of the best ideas come from!

Laurie Munk
Senior Director, AABB Publications

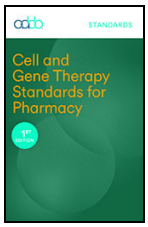
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What's New?

Be sure to check out the AABB resources released in 2026, highlighted throughout these pages.

- **AABB Biotherapies Manual: Principles, Processes, and Practice, 1st edition** 8
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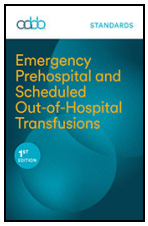
Cell and Gene Therapy Standards for Pharmacy, 1st edition *(effective October 1, 2025)*



As cell and gene therapies have expanded, the role of specialty pharmacies in dispensing these biological products has become significant. AABB is the only organization setting standards for specialty pharmacies that handle cellular and gene therapy products. Although pharmacies adhere to general accreditation standards, existing quality standards and accreditations are not specifically tailored to address the new products. The specialized requirements for managing advanced therapies require unique storage and handling conditions, as well as trained personnel to maintain their integrity and effectiveness. AABB's experience has enabled the organization to assemble a group of experts to provide both the standards and accompanying guidance.

STANDARDS PORTAL: AABB, 2025, digital edition
Product Code: 252050SP | Member Price: $130 | Nonmember Price: $158
PRINT EDITION: AABB, 2025, 91 pages, 978-1-56395-527-3
Product Code: 252050 | Member Price: $130 | Nonmember Price: $158
PRINT AND PORTAL BUNDLE: Product Code: 253503 | Member Price: $208 | Nonmember Price: $252
PRINT AND GUIDANCE BUNDLE: Product Code: 254027 | Member Price: $208 | Nonmember Price: $252

Standards for Emergency Prehospital and Scheduled Out-of-Hospital Transfusions, 1st edition *(effective July 1, 2025)*



The 1st edition of *Standards for Emergency Prehospital and Scheduled Out-of-Hospital Transfusions (EPSOHT Standards)* incorporates new prehospital concepts while updating the standards that previously appeared as the 1st edition of *Standards for Out-of-Hospital Transfusion Administration Services*, released by AABB in 2018.

This 1st edition became effective July 1, 2025 and will remain so for 2 years. Significant changes in this edition include:

- Chapter 5, Process Control, is split into two sections, one for prehospital activities and one for out-of-hospital activities. Standards in Chapters 1-4, 6-10, and 5.0 -5.1.9.3(5) apply to both settings.
- Out-of-hospital programs must have two determinations of the recipient's ABO group.
- Programs performing out-of-hospital activities must ensure that patient identification stays attached to the patient throughout the transfusion.
- Requirements for administration of blood in the prehospital setting are detailed.
- Requirements for the use of uncrossmatched blood in the prehospital setting are detailed.

STANDARDS PORTAL: AABB, 2025, digital edition
Product Code: 253248SP | Member Price: $130 | Nonmember Price: $158
PRINT EDITION: AABB, 2025, 94 pages, ISBN 978-1-56395-520-4
Product Code: 253248 | Member Price: $130 | Nonmember Price: $158
PRINT AND PORTAL BUNDLE: Product Code: 253408 | Member Price: $240 | Nonmember Price: $280
PRINT AND GUIDANCE BUNDLE: Product Code: 254032 | Member Price: $240 | Nonmember Price: $280

Standards for Molecular Testing for Red Cell, Platelet, and Neutrophil Antigens, 8th edition *(effective January 1, 2027)*



The 8th edition of *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.

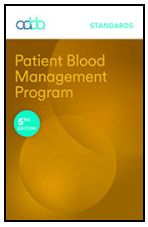
The *MT Standards* addresses operational aspects such as test methods including Restriction Fragment Length Polymorphism Testing, DNA Testing for Nucleotide Sequence Determination or Single Nucleotide Polymorphism (SNP) Analysis, and DNA Array. The guiding principle of this document is to be consistent with available scientific information while focusing on patient advocacy and optimal care for donors. These *MT Standards* represent the minimum requirements under which a laboratory specializing in molecular testing should operate.

Significant changes to the 8th edition include:

- Addition to ensure that clear communication exists between AABB and all accredited laboratories in cases where an event has occurred that has impacted their accreditation status.
- Reference Standard 2.2A has been expanded to include three new blood groups that have been added to the GenBank Database.
- Addition to ensure that all laboratories monitor their critical technology infrastructure and that they function as expected. There must be defined checks to monitor that technology is working as intended and expected.
- Addition requiring that facilities performing fetal cell-free DNA testing conduct additional validation studies before they implement.
- Laboratories must have a plan to participate in the publication of novel alleles.

STANDARDS PORTAL: AABB, 2026, digital edition
Product Code: 263115SP | Member Price: $153 | Nonmember Price: $175
PRINT EDITION: AABB, 2026, 120 pages, ISBN 978-1-56395-565-5
Product Code: 263115 | Member Price: $153 | Nonmember Price: $175
PRINT AND PORTAL BUNDLE: Product Code: 263295 | Member Price: $245 | Nonmember Price: $280
PRINT AND GUIDANCE BUNDLE: Product Code: 264205 | Member Price: $245 | Nonmember Price: $280

Standards for a Patient Blood Management Program, 5th edition *(effective June 1, 2025)*



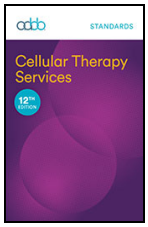
The *Standards for a Patient Blood Management Program* (*PBM Standards*) can help facilities that are implementing or enhancing PBM efforts to have a solid foundation for maintaining and optimizing the care of patients who may or may not need transfusion. Like other AABB *Standards*, this edition includes overarching quality standards as well as specific technical standards.

Significant Changes to the 5th Edition:

- Activity level 12 has been added, recognizing the need for PBM programs to ensure that the patient and clinician discuss whether to consent for transfusion or not.
- PBM programs must take steps to avoid, when possible, the administration of blood to a patient.
- PBM programs must have the appropriate level of staffing and equipment to provide the optimal level of patient care.
- The patient's coagulation and fibrinogen status must be optimized, because not doing so could lead to blood clotting.

STANDARDS PORTAL: AABB, 2025, digital edition
Product Code: 253186SP | Member Price: $110 | Nonmember Price: $126
PRINT EDITION: AABB, 2025, 89 pages, ISBN 978-1-56395-530-3
Product Code: 253186 | Member Price: $110 | Nonmember Price: $126
PRINT AND PORTAL BUNDLE: Product Code: 253882 | Member Price: $176 | Nonmember Price: $202
PRINT AND GUIDANCE BUNDLE: Product Code: 254086 | Member Price: $176 | Nonmember Price: $202

Standards for Cellular Therapy Services, 12th edition *(effective July 1, 2025)*



Standards for Cellular Therapy Services, sets forth the latest standards of practice for accredited cellular therapy facilities through quality as well as technical standards.

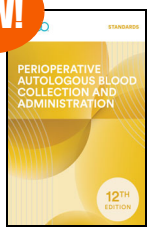
Significant changes to the 12th Edition

- Programs must contact AABB if something has occurred that affects their accreditation status if they are under investigation by their relevant Competent Authority.
- Programs must monitor their critical technology infrastructure and show things function as expected.
- Programs must have processes for the quarantine and disposition of critical supplies and materials.
- Programs must identify returned products and follow the requirements in 5.22.4 before any potential reissue.

STANDARDS PORTAL: AABB, 2025, digital edition
Product Code: 253110SP | Member Price: $209 | Nonmember Price: $290
PRINT EDITION: AABB, 2025, 254 pages, ISBN 978-1-56395-523-5
Product Code: 253110 | Member Price: $209 | Nonmember Price: $290
PRINT AND PORTAL BUNDLE: Product Code: 253223 | Member Price: $331 | Nonmember Price: $482
PRINT AND GUIDANCE BUNDLE: Product Code: 253099 | Member Price: $331 | Nonmember Price: $482

Standards for Perioperative Autologous Blood Collection and Administration, 12th edition *(effective January 1, 2027)*

NEW!

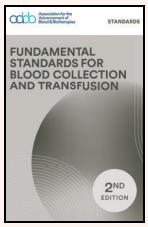


The 12th edition *of Standards for Perioperative Autologous Blood Collection and Administration* (*Perioperative Standards*) contains requirements that address perioperative collection and preparation of red cell and non-red-cell components. Its goal is to maintain and enhance the quality and safety 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. Significant changes to the 12th edition:

- Addition to ensure that clear communication exists between AABB and all accredited laboratories in cases where an event has occurred that has impacted their accreditation status.
- Addition to ensure that third-party providers of perioperative services have staff who are trained and competent to meet the requirements in the 12th edition.
- Addition requiring all perioperative programs to review and manage the workload of all personnel to ensure patient safety.
- Addition to ensure that all laboratories monitor their critical technology infrastructure and that they function as expected. There shall be defined checks to monitor that technology is working as intended and expected.
- All blood and blood components must be labeled clearly and identified for perioperative administration or reinfusion.
- Programs using alternative physiological wash fluid must have policies, processes, and procedures for its use.
- Programs using normothermic machine perfusion for organ procurement must have policies, processes, and procedures for the use.

STANDARDS PORTAL: AABB, 2026, digital edition
Product Code: 263100SP | Member Price: $168 | Nonmember Price: $206
PRINT EDITION: AABB, 2026, 109 pages, ISBN 978-1-56395-563-1
Product Code: 263100 | Member Price: $168| Nonmember Price: $206
PRINT AND PORTAL BUNDLE: Product Code: 263968 | Member Price: $267 | Nonmember Price: $330
PRINT AND GUIDANCE BUNDLE: Product Code: 264095 | Member Price: $267 | Nonmember Price: $330

Fundamental Standards for Blood Collection and Transfusion, 2nd edition



The *Fundamental Standards for Blood Collection and Transfusion* is a resource on and introduction to AABB standard-setting as a process. It can also be a tool to assist facilities and personnel taking the first step in incorporating quality concepts into blood banking. Notably, there is no accreditation program associated with these *Fundamental Standards*—they are for educational purposes only. 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, 2025, 87 pages, PDF file
Product Code: 252237SP | Member Price: FREE | Nonmember Price: FREE

Estándares Fundamentales para Recolección y Transfusión de Sangre



Los *Estándares Fundamentales para Recolección y Transfusión de Sangre* son un recurso y una introducción al establecimiento de las normas de la AABB como un proceso. También puede ser una herramienta para ayudar a las instituciones y al personal a dar el primer paso para incorporar conceptos de calidad en el banco de sangre. Notablemente, no hay un programa de acreditación asociado con estos *Estándares Fundamentales*—son solo para fines educativos. Se basan en aportes de expertos reconocidos internacionalmente, comentarios públicos y la literatura científica sobre técnicas y aplicaciones con énfasis en regiones con recursos limitados.

EDICIÓN DIGITAL: AABB, 2020, 78 páginas, archivo PDF
Código de producto: 202239SP | Precio para miembros: GRATIS | Precio para no miembros: GRATIS

AABB Quality Certificate Program/ El Programa de Certificado de Calidad de la AABB

The AABB Quality Certificate Program is based on the implementation of AABB's *Fundamental Standards for Blood Collection and Transfusion.* The Certificate signifies that facilities in limited-resource settings have initiated their quality journey by adhering to AABB fundamental standards. Facilities that obtain the Quality Certificate will gain international recognition for their efforts with a 2-year certificate issued by AABB.

El Programa de Certificado de Calidad de la AABB se basa en la implementación de las *Estándares Fundamentales para la Recolección y Transfusión de Sangre* de la AABB. El Certificado significa que las instalaciones en entornos de recursos limitados han iniciado su camino hacia la calidad al adherirse a los estándares fundamentales de la AABB. Las instalaciones que obtengan el Certificado de Calidad obtendrán reconocimiento internacional por sus esfuerzos con un certificado de dos años emitido por la AABB.

AABB Quality System Essentials

NEW!



The AABB Quality System Essentials (QSEs) were written to apply to all disciplines for which AABB sets voluntary standards but can be applied to any field where quality systems are implemented. The QSEs were developed by members of the Standards Program Committee and the Accreditation Program Committee on the basis of good medical practice and, when available, scientific and evidence-based data. The development process included an open comment period as well as vetting and approval by the AABB Board of Directors twice during development. Inclusion of the QSEs in every set of AABB Standards began in 2023 and has continued.

The requirements in *AABB Quality System Essentials* can be followed by a facility located anywhere in the world, but they do not preempt federal, state, and/or local laws and regulations. It is intended to be particularly useful to those facilities pursuing certification through the AABB Quality Certificate program, rather than accreditation. For each of the 10 "chapters" in the QSEs, contents include:

- Key concepts
- Key terms
- Examples of objective evidence
- QSE requirements
- Records to maintain that are relevant to those requirements

Other helpful content includes a master listing of all QSE records that should be retained and a glossary of the terms used in the text.

PRINT EDITION: AABB, 2026, 40 pages, ISBN 978-1-56395-561-7
Product Code: 263035 | Member Price: $48 | Nonmember Price: $62
DIGITAL EDITION: AABB, 2026
Product Code: 263035DB | Member Price: $48 | Nonmember Price: $62

Standards for Immunohematology Reference Laboratories, 14th edition *(effective April 1, 2026)*



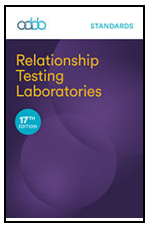
NEW!

The 14th edition of *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 include:

- Clear communication shall exist between AABB and all accredited laboratories in cases where an event has occurred that has affected their accreditation status.
- Steps to take if a singular piece of equipment cannot be identified as the cause of a nonconformance.
- All laboratories shall monitor their critical technology infrastructure and function, including defined checks to monitor that technology is working as intended and expected.
- When titration testing errors occur, they must be reported while ensuring that previously defined titered results can be used as a part of the reporting.

STANDARDS PORTAL: AABB, 2026, digital edition
Product Code: 263125SP | Member Price: $152 | Nonmember Price: $219
PRINT EDITION: AABB, 2026, 104 pages, ISBN 978-1-56395-545-7
Product Code: 263125 | Member Price: $152 | Nonmember Price: $219
PRINT AND PORTAL BUNDLE: Product Code: 263499 | Member Price: $245 | Nonmember Price: $350
PRINT AND GUIDANCE BUNDLE: Product Code: 264025 | Member Price: $245 | Nonmember Price: $350

Standards for Relationship Testing Laboratories, 17th edition *(effective January 1, 2026)*



The 17th edition of *Standards for Relationship Testing Laboratories* features new and revised requirements in areas such as threats to technology infrastructure, monitoring of critical technologies, and maintenance of privacy requirements for information from publicly available databases.

Significant changes include:

- New Standard 1.4.2 ensures that accredited organizations have plans in place to identify threats associated with sample integrity and the infrastructure of the technology and communication systems.
- New Standard 3.7 ensures that facilities monitor their critical technology infrastructure and that they function as expected including defined checks.
- New Standard 5.2.1.2.1 ensures that laboratories using publicly accessible databases do so under the agreement of the terms of service that exist at that time. This provides coverage to the user concerning privacy requirements that are required to be followed.
- New Standard 5.2.5.2 ensures that reports created for genetic genealogy cases that have profiles obtained from the publicly available space where identity is not verified are identified as such.

STANDARDS PORTAL: AABB, 2025, digital edition
Product Code: 253293SP | Member Price: $160 | Nonmember Price: $238
PRINT EDITION: AABB, 2025, 127 pages, ISBN 978-1-56395-542-6
Product Code: 253293 | Member Price: $160 | Nonmember Price: $238
PRINT AND PORTAL BUNDLE: Product Code: 253982 | Member Price: $275 | Nonmember Price: $341
PRINT AND GUIDANCE BUNDLE: Product Code: 254093 | Member Price: $275 | Nonmember Price: $341

Standards for Blood Banks and Transfusion Services, 35th edition *(effective April 1, 2026)*



NEW!

The 35th edition of *Standards for Blood Banks and Transfusion Services* details the latest standards of practice for accredited blood banking and transfusion facilities. As in the past, each chapter heading represents one of the Quality System Essentials and the quality standards are supplemented by technical requirements.

Significant changes include:

- Clear communication shall exist between AABB and all accredited laboratories in cases where an event has occurred that has affected their accreditation status.
- Steps that must occur if a singular piece of equipment cannot be identified as the cause of a nonconformance.
- All laboratories shall monitor their critical technology infrastructure and functions, including defined checks to monitor that technology is working as intended and expected.
- Requirements surrounding temporary storage containers are outlined, including steps to maintain the viability of blood and blood components.

STANDARDS PORTAL: AABB, 2026, digital edition
Product Code: 263120SP | Member Price: $217 | Nonmember Price: $320
PRINT EDITION: AABB, 2026, 186 pages, ISBN 978-1-56395-548-8
Product Code: 263120 | Member Price: $217 | Nonmember Price: $320
PRINT AND PORTAL BUNDLE: Product Code: 263830 | Member Price: $347 | Nonmember Price: $512
PRINT AND GUIDANCE BUNDLE: Product Code: 264020 | Member Price: $347 | Nonmember Price: $512

Choosing the Portal

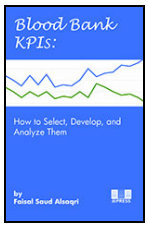
User Benefits:

- Can be customized to show only those standards applicable to that facility.
- Fully searchable by key word, chapter, or standard number.
- Relevant documentation to aid in implementation.
- Helpful links to other standards and resources.
- Incorporation of interim/emergent standards.
- Standards without guidance are printable.

User Responsibilities:

- Agree that access is personal/professional and content will not be shared.
- Securely maintain login and password.
- Agree that noncompliance results in loss of access without refund.

Blood Bank KPIs: How to Select, Develop, and Analyze Them



By Faisal Saud Alsaqri, MSc, BCLS, CLSSBB

Key performance indicators (KPIs) are a time-tested method for gathering the data (measurements) necessary to make operational improvements. KPIs are in use by many, but not all, blood banks and transfusion services. They play an essential role in an organization's quality management system. Unfortunately, they are sometimes shrouded in mystery, and use terms that sound like a foreign language, as if only seasoned experts could use them effectively. Truth is, KPIs are easy, and can be implemented by anyone, anywhere. This small book is a step-by-step guide to doing just that.

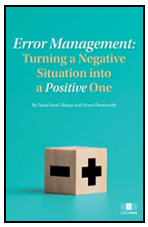
Contents include:

- Fundamental concepts.
- Five steps in making effective KPIs.
- KPI template with explanations of each element.
- 30 examples of common KPIs.

The examples provided are all directly related to quality management, blood donation, component processing, and transfusion activities. Users can get started by studying the examples provided and then create their own KPIs later on.

PRINT EDITION: AABB Press, 2020, 47 pages, ISBN 978-1-56395-371-2
Product Code: 202026 | Member Price: $50 | Nonmember Price: $85
DIGITAL EDITION: AABB Press, 2020
Product Code: 202026DB | Member Price: $50 | Nonmember Price: $85

Error Management: Turning a Negative Situation into a Positive One



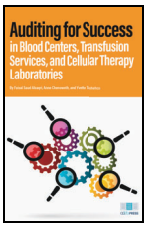
By Faisal Saud Alsaqri, MSc, BCLS, CLSSBB, and Anne Chenoweth, MBA, MT(ASCP)SBB^{CM}, CQA(ASQ)

Errors are going to occur, like it or not. The more we admit to errors, the greater the chances of success in eliminating them and preventing others in the future. Error or "occurrence" management in the laboratory is the core of continual process improvement. It requires a very well-designed process by which errors can be identified without blame and handled effectively. That process can have many variations, yet the consistent elements typically include the following: detection, reporting, initial evaluation, any action urgently needed, an in-depth analysis of the root cause(s), notifications as required, corrective actions, preventive actions, and, finally, evaluation of the success of those actions taken. This text provides tools and step-by-step instructions for managing errors and making the right decisions for correction and prevention. Topics covered:

- Process improvement.
- Error management essentials.
- Best practices in error management.
- Self-assessment.
- Management approaches and strategies.

PRINT EDITION: AABB Press, 2022, 98 pages, ISBN 978-1-56395-438-2
Product Code: 222006 | Member Price: $60 | Nonmember Price: $90
DIGITAL EDITION: AABB Press, 2022
Product Code: 222006DB | Member Price: $60 | Nonmember Price: $90

Auditing for Success in Blood Centers, Transfusion Services, and Cellular Therapy Laboratories



By Faisal Saud Alsaqri, MSc, BCLS, CLSSBB; Anne Chenoweth, MBA, MT(ASCP)SBB^{CM}, CQA(ASQ); and Yvette C. Tanhehco, MD, PhD, MS, CABP

Auditing principles, processes, and quality control measures share many common attributes, even though the facilities being assessed may be unique. This text establishes a foundation in auditing concepts that can lead to success for the professional conducting the audit, the particular facility and its staff, and any third party involved (regulatory agency, study sponsor, accreditation organization). Chapters cover:

- Auditing fundamentals (eg, risk assessment, internal controls).
- Auditor selection and training.
- Planning and preparation.
- Performing audits.
- Documenting, analyzing, and reporting results. And more!

Included in the book are practical examples in different settings, discussion of lessons to be learned, and helpful templates.

PRINT EDITION: AABB Press, 2024, 76 pages, ISBN 978-1-56395-506-8
Product Code: 242015 | Member Price: $65 | Nonmember Price: $95
DIGITAL EDITION: AABB Press, 2024
Product Code: 242015DB | Member Price: $65 | Nonmember Price: $95

AABB Guide to the Quality Assessment of Transfusion



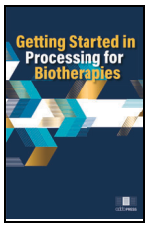
By Tracie Nichols, MS, MLS(ASCP)SBB; Tina Chanez, MBA, MT(ASCP), CQA(ASQ); Mary E. Harach, MT(ASCP), CQA(ASQ), SSGB; Kristy Jones, CMQ/OE, CQA(ASQ), MT(ASCP)SBB; Vaanush Nazaryan, MBA, SBB(ASCP), CMQ/OE, CPHQ; Patrick Ooley, MS, MLS(ASCP), CQA(ASQ)CMQ/OE; and Ljiljana Vladimira Vasovic, MD, CABP(H) for the Transfusion Medicine Section Coordinating Committee

Quality assessment can help to prevent mistransfusions and several other noninfectious serious hazards of transfusion. Diligent monitoring, identification, reporting, and rebuilding of problematic systems that put patients at risk can help to achieve this goal. This AABB Guide provides an overview of key aspects of a quality assessment program for the transfusion service. Beginning with the quality plan, a complete analysis of the transfusion process or "system" includes a step-by-step approach to reviewing the following:

- Procedures (eg, blood bank, nursing, operating room).
- Staff education and training.
- Blood component ordering.
- Patient consent.
- Sample collection and compatibility testing.
- Blood administration and transfusion documentation.
- Adverse events and transfusion reactions.
- Blood utilization.
- Incident and deviation management.

PRINT EDITION: AABB, 2021, 31 pages, ISBN 978-1-56395-423-8
Product Code: 213060 | Member Price: $35 | Nonmember Price: $50
DIGITAL EDITION: AABB, 2021
Product Code: 213060DB | Member Price: $35 | Nonmember Price: $50

Getting Started in Collecting for Biotherapies



Edited by Huy P. Pham, MD, MPH

The recent rapid expansion in the field of biotherapies is driving unprecedented demand for apheresis collection of cellular starting material. Traditional blood collectors with apheresis capacity have an important opportunity to participate in the latest medical advancements by collecting this starting material for use in various cell-based therapies.

Some centers may go further to offer processing capability (see related book in the *Getting Started* series). But for those starting with or limited to collections, this book offers the background blood centers and hospitals need to prepare to take advantage of this new revenue source.

Written by experienced professionals, the content includes helpful tips, tools, and templates on the following topics:

- Institutional readiness, including technical, logistical, financial, and ethical considerations.
- Staffing.
- Donor issues, including pediatric considerations.
- Apheresis fundamentals.
- Quality and regulatory considerations.

PRINT EDITION: AABB, 2025, 90 pages, ISBN 978-1-56395-536-5
Product Code: 252027 | Member Price: $60 | Nonmember Price: $90

AABB-ISCT Biotherapies Quality Agreement Template



Biotherapy partnerships with external entities to perform critical services such as the procurement, manufacturing, testing, and administration of a cell/tissue product have become increasingly commonplace. Such relationships are often defined by a Service Agreement and may also include a Quality Agreement. Service Agreements typically outline the scope of services or work to be performed, monetary costs or exchange, and business liabilities. In contrast, Quality Agreements identify key quality and regulatory responsibilities between the client and the service provider(s). The key to the Quality Agreement is to have clear communication of expectations between parties with emphasis on each party having a sense of ownership through mutually agreed-upon language and activities. At a minimum, the Quality Assurance units of all parties should have input into drafting the Quality Agreement, with feedback from the respective institutional contacts (sponsor, procurement facility, processing facility, manufacturing facility, and administration site). This Quality Agreement template is a result of a request by the AABB and ISCT communities for an interpretive tool to assist with development of a Quality Agreement. The template includes suggestions based on 1) regulatory standards for the safety and quality of the product and processes and 2) guidance on Quality Agreements. This template defines the responsibilities of relevant parties regarding Quality Assurance, Quality Control, and Quality Risk Management.

DIGITAL EDITION: Free PDF can be downloaded from aabb.org/blood-biotherapies/biotherapies/news-resources/aabb-isct-biotherapy-quality-agreement-template

AABB-ISCT Good Tissue Practice Interpretive Tool



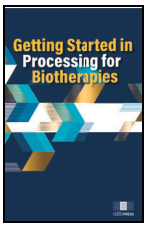
Human cellular and tissue-based products (HCT/Ps) classified as "361 products" must be processed according to Good Tissue Practice (GTP) requirements in facilities subject to regulatory oversight. HCT/Ps that do not meet requirements as "361" products, are considered "351" products and must comply with current Good Manufacturing Practice (GMP) regulations, rather than GTP regulations.

To assist professionals in understanding more about GTP regulations, a team of industry experts in HCT/P product development and manufacturing created an interpretive tool that associates the GTP regulations with guidance references, considerations, and additional resources. The formation of the team is the result of a collaboration between the Association for the Advancement of Blood & Biotherapies (AABB) and the International Society for Cell & Gene Therapy (ISCT).

Links in the tool are provided without interpretation and are not intended as a substitute for information on the terms and procedures directly associated with regulatory requirements governing 361-based products. Links and references in the tool will be reviewed periodically and updated accordingly.

DIGITAL EDITION: Free PDF can be downloaded from aabb.org/news-resources/resources/cellular-therapies/aabb-isct-gtp-interpretative-tool

Getting Started in Processing for Biotherapies



By Joseph (Yossi) Schwartz, MD, MPH; Garrett Booth, MD, MS; Laura Connelly-Smith, BPharm, MBBCh, DM; Jeremy W. Jacobs, MD, MHS; Ashley Krull, PhD; Salyka Sengsayadeth, MD; and Ronit Reich-Slotky, PhD, MSc, CABP

Staff well-versed in blood banking and transfusion medicine have an opportunity to transition to the expanding field of biotherapies. Success in developing this mission-critical revenue stream depends on a full understanding of the requirements for working under contract with research sponsors. This book provides insight into the critical planning stages that must precede a program launch. Written by experienced professionals, the content includes helpful tips, tools, and templates.

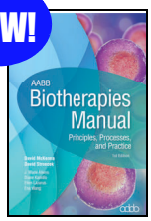
Topics include:

- Rationale for, and basics of, biotherapies
- Stakeholders
- Business plan
- Budget considerations
- Quality management
- Regulatory oversight
- Personnel (including contracting services)
- Processing (including cryopreservation, thawing, red cell/plasma reduction)
- Space and equipment considerations
- Storage and transportation

PRINT EDITION: AABB Press, 2024, 81 pages, ISBN 978-1-56395-497-9
Product Code: 242025 | Member Price: $55 | Nonmember Price: $85
DIGITAL EDITION: AABB Press, 2024
Product Code: 242025DB | Member Price: $55 | Nonmember Price: $85

AABB Biotherapies Manual: Principles, Processes, and Practice, 1st edition

NEW!



Edited by David H. McKenna, Jr, MD, CABP(H)(AABB), and David Stroncek, MD

This manual was designed as a compendium of state-of-the- art practices for developing and producing cellular and biotherapy products. It will be useful in the development and operation of facilities that are entering and thriving in this fast-paced field, whether for research, translational, or clinical operations. 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.

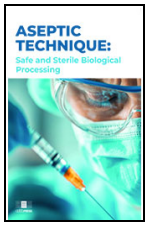
In addition to numerous examples and templates for laboratory document preparation, the chapters and appendices provide information on the critical steps, materials, and equipment used in various processes. Each section has been compiled and edited by a team of experts in the field, with chapters contributed by experienced practitioners. The 35 chapters are organized to address specific principles, processes, and practices in the following general topics:

- Overview and Regulatory Considerations
- Quality Oversight
- Processing Operations, Facilities, and Equipment
- Cell Collection
- Product Development and Manufacturing
- Testing and Characterization
- Laboratory Assays
- Product Storage, Issue, and Infusion

Included in the book are time-saving templates for documentation of numerous facility activities and a crosswalk to CABP domains.

PRINT EDITION: AABB, 2026, 582 pages, ISBN 978-1-56395-555-6
Product Code: 263040 | Member Price: $150 | Nonmember Price: $240
DIGITAL EDITION: AABB, 2026
Product Code: 263040DB | Member Price: $150 | Nonmember Price: $240

Aseptic Technique: Safe and Sterile Biological Processing



Edited by Matthew Wilgo, CABP(H)

What is the correct way to remove gloves? How far inside the BSC should work be performed? Where is it safe to touch pipettes/sharps? This concise volume is packed with practical content about:

- Correct use of personal protective equipment.
- Do's and dont's of using laboratory instruments and equipment.
- Personal and laboratory hygiene.
- Types and routes of laboratory-acquired infections.
- Environmental monitoring.
- Special requirements for the cleanroom.

Appendices provide additional helpful tools.

PRINT EDITION: AABB Press, 2025, 102 pages, ISBN 978-1-56395-534-1
Product Code: 252019 | Member Price: $60 | Nonmember Price: $90
DIGITAL EDITION: AABB Press, 2025
Product Code: 252019DB | Member Price: $60 | Nonmember Price: $90

Solve It! Cellular Therapy Scenarios

NEW!



Edited by Vasiliki E. Kalodimou, BSc (Hons), MSc, PhD, CABP(H)(AABB), IARMES

The very nature of cellular therapies means that professionals often find themselves in uncharted territory, where established best practices are still being developed and regulatory guidance is continually evolving. It is in this "gray area" between the guidelines and the complex realities of patient care that the most critical problem-solving occurs. Solve It! Cellular Therapy Scenarios is a curated compilation of situations designed to provide a systematic approach to problem-solving. Each of the 39 scenarios presents a realistic problem, followed by the key questions readers should be asking. Suggested answers and recommended actions, best practices, and guidance on the regulations and standards that apply to each situation are given as well.

This collection is intended for a broad audience, from those just beginning their careers to seasoned professionals seeking to sharpen their skills. By providing a durable and accessible format for these challenging scenarios, this book aims to foster ongoing professional development and contribute to the advancement of biotherapies. The ultimate goal is to empower readers with the confidence and competence to navigate the exciting and ever-evolving landscape of cellular therapies, ensuring that the promise of these transformative treatments becomes a reality for patients everywhere.

Topics covered:

- Donor Qualification
- Starting Material Collection
- Processing and Manufacturing
- Adverse Events
- Shipping, Distribution, and Labeling
- Environmental Monitoring
- Equipment and Supplies
- Quality Assurance
- Management
- Regulations

PRINT EDITION: AABB, 2026, 168 pages, ISBN 978-1-56395-559-4
Product Code: 262370 | Member Price: $96 | Nonmember Price: $134
DIGITAL EDITION: AABB, 2026
Product Code: 262370DB | Member Price: $96 | Nonmember Price: $134

Cellular Therapy Product Characteristics

NEW!



Edited by Kyle Annen, DO

This handy flip chart contains data on 10 products designed as a quick reference when a new protocol is implemented or staff need a refresher on an infrequently performed procedure. The sheets offer critical highlights to help ensure a safe and effective procedure, within the scope of currently available technology. Many protocols share the same considerations for different types of collections, yet unique characteristics are also highlighted. Laminated throughout.

PRINT EDITION: AABB Press, 2026, 28 pages, ISBN 978-1-56395-553-2
Product Code: 262468 | Member Price: $85 | Nonmember Price: $119

CABP

AABB | Certified Advanced Biotherapies Professional

The First and Only Certification for Biotherapies Professionals

Becoming a CABP is a mark of distinction, establishing that qualified professionals have demonstrated—through a certification exam—that they have the necessary knowledge to credibly practice in the field of biotherapies.

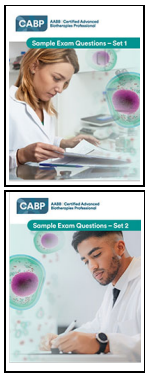
Certifying as a CABP provides an opportunity for high-performing biotherapies professionals to demonstrate their commitment and competence, distinguish themselves from their peers, and position themselves for career advancement. Candidates must meet prerequisites, obtain a passing grade on the exam, and agree to the CABP Code of Conduct to earn the certification for a 3-year cycle.

The CABP exam is comprehensive and is designed to cover the full breadth of topics within the field of biotherapies.

The exam covers seven domains in the field:
- Biotherapies in the patient care ecosystem.
- Biotherapies science and ethics.
- Operations and equipment.
- Biotherapies development lifecycle.
- Manufacturing.
- Quality systems.
- The regulatory environment.

The CABP is open to all biotherapies professionals, including those working as physicians, quality and regulatory specialists, laboratorians, researchers, nurses and pharmacists. More information on AABB's CABP certification—including a link to apply—is available on the AABB website at aabb.org/CABP.

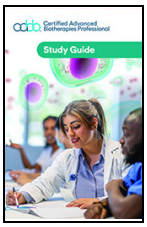
CABP Sample Exam Questions



Prepare for AABB's Certified Advanced Biotherapies Professional (CABP) exam with these two sets of 100 sample questions. Covering content across all of the exam's domains, these resources were developed by subject matter experts to help CABP candidates prepare for the online, proctored exam. Downloadable and printable from the AABB Education platform, each set includes 100 sample exam questions/answers. These specific questions will not appear on the CABP exam but cover learning objectives as outlined in the CABP exam syllabus.)

SET 1: AABB, 2024, 40 pages
Product Code: CABPPREP-SE-SET01 | Member Price: $49 | Nonmember Price: $59
SET 2: AABB, 2024, 41 pages
Product Code: CABPPREP-SE-SET02 | Member Price: $49 | Nonmember Price: $59
BOTH SETS: AABB, 2024
Product Code: CABPPREP-SE-BUN01 | Member Price: $75 | Nonmember Price: $99

Certified Advanced Biotherapies Professional (CABP) Study Guide



The Study Guide is a comprehensive resource designed to help you prepare for the exam with confidence. Fully aligned with the CABP exam syllabus, it covers the seven domains in detail, including key terms, objectives, in-depth overviews, study strategies and references. The guide also includes practical resources, such as a self-assessment tool, study plan tool and study group planner, to support your study process. This guide walks you through everything you need to know for the CABP exam. Whether you're just starting or refining your preparation, this study guide offers the structure, content and strategies to help you succeed.

PRINT EDITION: AABB, 2025, 307 pages, ISBN 978-1-56395-538-9
Product Code: CABPPREP-SG-1 | Member Price: $149 | Nonmember Price: $169

CABP Exam Prep Bootcamps On-Demand

Expert-led, pre-recorded presentations, each including downloadable slides and an audio file | Member Price: $39 | Nonmember Price: $49 per bootcamp.

Domain 1: Biotherapies in the Patient Care Ecosystem
Product Code: CABPPREP-BCOD-01

Domain 2: Biotherapies Science and Ethics
Product Code: CABPPREP-BCOD-02

Domain 3: Operations and Equipment
Product Code: CABPPREP-BCOD-03

Domain 4: Biotherapies Development Lifecycle
Product Code: CABPPREP-BCOD-04

Domain 5: Manufacturing
Product Code: CABPPREP-BCOD-05

Domain 6: Quality Systems
Product Code: CABPPREP-BCOD-06

Domain 7: Regulatory Environment
Product Code: CABPPREP-BCOD-07

Bonus! Getting Started with CABP — FREE introductory bootcamp with self-assessment, study plan, and study group planning tools
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Complete Bootcamp Collection (all 8 modules)
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Core Bundle — Study Guide + Sample Exam Items. Save 20%.

Product Code: CABPPREP-BDL-02 | Member Price: $179.20 | Nonmember Price: $214.40

Purchase and use of these products does not guarantee a passing score on the CABP exam but are provided as study aids.

Order today at aabb.org/aabb-store/education/cabp-prep-materials

Cellular Product Toolkit: Guidance and Templates for Evaluating Requests, Fulfilling Requirements, and Delivering Compliant Products



Edited by Christina M. Celluzzi, PhD, MS; Marcie Finney, MS, MBA; and Kathy Loper, MHS, MT(ASCP)

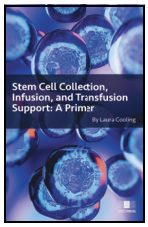
When cell collection and manufacturing facilities receive product requests, there are vital questions to ask, issues to consider, and documentation to fulfill to ensure a quality product. The tools in this kit not only guide the navigation of these issues but also provide some practical head starts at various points along the full process chain from request to delivery. Essential information is easily accessible via slides, templates, and other helpful tips and resources on:

- Intended use (research, commercial, or nonclinical).
- Donor safety and consent.
- Manufacturing issues.
- Business agreements.
- Transportation and storage.

DIGITAL EDITION: AABB, 2020, 212 pages
Product Code: 203183DB | Member Price: FREE | Nonmember Price: $99

> *We are using this as a training resource and as a reference for best practices. It has just the right level of detail for an overview of the cell therapy landscape from a practical, applied perspective.*
>
> –R. Brent Dixon, PhD, HCLD(ABB), RAC

Stem Cell Collection, Infusion, and Transfusion Support: A Primer



By Laura Cooling, MD, MS

Are all the cell therapy resources you've checked so far a bit overwhelming in depth and scope? Then this primer is for you. Intended for trainees, this volume is packed with highlighted key concepts, concise tables, and other "nuggets" that you'll find useful. Also helpful is the robust list of references that will assist you not only now, but later, as your knowledge base grows. An added benefit is a handy appendix of abbreviations used in the text. Contents cover:

- Clinical HSCT types.
- Donor evaluation.
- Stem cell collection [HPC(A), HPC(M), HPC(CB)].
- Processing and infusion.
- Transfusion support.
- Engraftment.
- Posttransplant complications.

PRINT EDITION: AABB Press, 2023, 98 pages, ISBN 978-1-56395-479-5
Product Code: 232230 | Member Price: $55 | Nonmember Price: $85
DIGITAL EDITION: AABB Press, 2023
Product Code: 232230DB | Member Price: $55 | Nonmember Price: $85

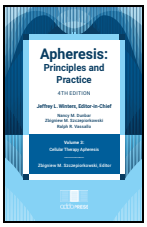
Circular of Information for the Use of Cellular Therapy Products, 2024



The *Circular of Information for the Use of Cellular Therapy Products* 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 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.

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

Apheresis: Principles and Practice, 4th edition, Volume 3: Cellular Therapy Apheresis



Edited by Zbigniew M. Szczepiorkowski, MD, PhD, FCAP, FRSM and Jeffrey L. Winters, MD

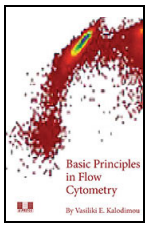
The years of content development for this volume have resulted in a robust exploration of apheresis as applied to cellular therapy. Both the current practices and the principles behind them are detailed in this third volume of the set. The book is organized with general topics in the early chapters and specific topics unique to cellular therapy in the later ones. Especially useful is the information on voluntary standards and federal regulation and the links to further knowledge that may help practitioners to better understand their role in the complex and interwoven logistics of cellular therapy product manufacturing.

PRINT EDITION: AABB Press, 2025, 326 pages, ISBN 978-1-56395-499-3
Product Code: 252009 | Member Price: $95 | Nonmember Price: $130
DIGITAL EDITION: AABB Press, 2025
Product Code: 252009DB | Member Price: $95 | Nonmember Price: $130

See Also

For Volume 1: Therapeutic Apheresis, see page 25
For Volume 2: Collection of Blood Components, see page 27
For all 3 volumes at a discount, see page 25

Basic Principles in Flow Cytometry



Vasiliki E. Kalodimou, BSc (Hons), MSc, PhD, CABP(H)(AABB), IARMES

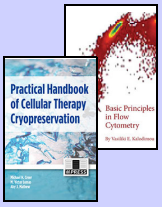
This book provides a fundamental understanding of cell enumeration and discusses the principles of flow cytometer operation. Unlike other laboratory devices, flow cytometers present the technologist with many different settings for their use. Topics include fluorescence; dyes; DNA analysis; cell proliferation, death, apoptosis; quality control; clinical applications; and more.

PRINT EDITION: AABB Press, 2013, 91 pages, ISBN 978-1-56395-861-8
Product Code: 132087 | Member Price: $38 | Nonmember Price: $46

Together Again

Buy a bundle and save:

Basic Principles in Flow Cytometry & Practical Handbook of Cellular Therapy Cryopreservation



BOTH BOOKS: Product Code: 152916 |
Member Price: $77 | Nonmember Price: $88

Cellular Therapy: A Handbook, 2nd edition



Edited by Jose A. Cancelas, MD, PhD, and Nicholas Bandarenko, MD

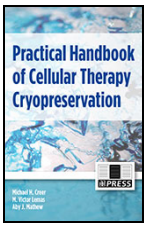
Newcomers and seasoned professionals alike will appreciate this updated handbook. The first edition was very popular—for a full 10 years after its release. This edition has been completely re-created by international experts to bring you the most recent developments in the field. The material on cutting-edge advances is accompanied by the kind of solid information you'll want at your fingertips working in a cellular therapy laboratory. As with other handbooks in the series, this is your go-to, first reference with concise explanations and illustrations; the chapter reference lists provide ample resources for further study, if desired.

Topics covered:

- Biology of hematopoietic transplantation.
- HPC sources.
- Processing and storage of cryopreserved products.
- Processing and storage of noncryopreserved products.
- HLA typing and matching in HSCT.
- Clinical aspects of HSCT.
- Complications and their management.
- Hematopoietic gene repair and therapy.
- Adoptive immunotherapy.

PRINT EDITION: AABB, 2023, 291 pages, ISBN 978-1-56395-364-4
Product Code: 233050 | Member Price: $70 | Nonmember Price: $95

Practical Handbook of Cellular Therapy Cryopreservation



Edited by Michael H. Creer, MD; Aby J. Mathew, PhD; and M. Victor Lemas, PhD

The cryopreservation process has an 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.

PRINT EDITION: AABB Press, 2015, 157 pages, ISBN 978-1-56395-869-4
Product Code: 152492 | Member Price: $50 | Nonmember Price: $70

Coming 2027!

Strategic Considerations for Engaging in Biotherapies

Edited by Lee Buckler and Gena Swisher

Blood centers and hospitals are being asked to take on new roles in the cell and gene therapy supply chain—collecting starting material, supporting clinical programs, manufacturing customized products, or building entirely new biotherapy service lines. Deciding whether and how to engage requires more than clinical capability. It requires an honest read of the market; a clear-eyed assessment of internal gaps; and coordinated planning across business, quality, regulatory, and operational functions.

This book is a high-level, strategic guide for the leadership of organizations considering or expanding participation in biotherapies. Written by practitioners working in the field, its chapters cover the current state of the cell and gene therapy industry, the differences between blood banking and biotherapies manufacturing, models for hospital and blood center engagement, collection of autologous cellular starting material, customized product services, gap assessment, and the project management required to stand up a new program.

It is designed to be pragmatic and direct about the challenges and opportunities ahead, providing the context and framework needed to make informed investment, operational, and strategic decisions.

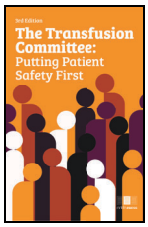
The following topics are addressed in a roadmap for this strategic journey.

- Cell and gene therapy industry status
- What biotherapies manufacturing actually demands
- Delivery landscape and partnership models
- What services to offer
- Customized allogeneic starting material
- Collaboration and collection models
- Standing up a program
- And more!

Pricing and availability will be announced closer to the volume's release in early 2027.

Patient Blood Management

The Transfusion Committee: Putting Patient Safety First, 3rd edition



Edited by Amy E. Schmidt, MD, PhD

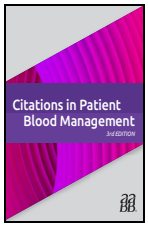
Is your facility struggling to review blood usage without a transfusion committee, blood utilization review committee, or similar group? This book will help you recognize the importance of a transfusion review committee in the evolution toward a patient blood management environment. Building on the solid foundation of the popular previous editions, this revision adds new material throughout, as well as several new chapters. Designed to help community-based hospitals start and/or improve their transfusion committee and patient blood management programs, this book also includes useful templates and forms.

Topics include:

- Committee justification, organization, and function.
- Clinical practice guidelines.
- Regulatory agencies and accrediting organizations.
- Multidisciplinary and blood center participation.
- Quality tools for the committee.
- Patient blood management.
- Blood utilization review.
- Transfusion reaction oversight.
- Use of allogeneic blood products and blood conservation measures to minimize blood loss (new).
- Bloodless medicine (new).
- Implementation, management, and administrative aspects (new).
- Committee functions and role in other countries (new).
- Pediatrics (new).

PRINT EDITION: AABB Press, 2024, ISBN 978-1-56395-509-9
Product Code: 242075 | Member Price: $115 | Nonmember Price: $145
DIGITAL EDITION: AABB Press, 2024
Product Code: 242075DB | Member Price: $115 | Nonmember Price: $145

Citations in Patient Blood Management, 3rd edition

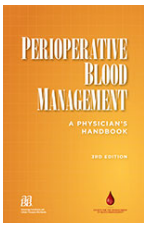


Compiled by Richard R. Gammon, MD; Christopher Bocquet; Mark T. Friedman, DO; Tina S. Ipe, MD, MPH; Sadhana Mangwana, MD, MBA; Aikaj Jindal, MD; Linda Rockwood, MS(CLM), MLS(ASCP)^{CM}, CQA(ASQ), RABT; and Laura Stephens, MD, FCAP, QIA for the Transfusion Medicine Section Coordinating Committee

The resources in the literature on patient blood management are arranged by topic and subtopic in this updated compilation to form a convenient, useful reference tool. Compiled by subject matter experts, this publication serves as a comprehensive resource that will benefit anyone seeking to start or enhance their PBM program. Topics include assessment and treatment of anemia, transfusion indications, pharmacologic interventions, applications in point-of-care testing, PBM program development and certification, investigational agents, and more.

DIGITAL EDITION: AABB, 2021, 60 pages, ISBN 978-1-56395-434-4
Product Code: 214064DB | Member Price: FREE | Nonmember Price: FREE

Perioperative Blood Management: A Physician's Handbook, 3rd edition



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. 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.

PRINT EDITION: AABB/SABM, 2013, 350 pages, ISBN 978-1-56395-842-7
Product Code: 133022 |AABB and SABM* Member Price: $50 | Nonmember Price: $70
**Please call +1.866.222.2498 to receive your discount.*

PBM Metrics



By Nanci Fredrich, RN, BSN, MM; Richard R. 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?)

PRINT EDITION: AABB Press, 2019, 117 pages, ISBN 978-1-56395-972-1
Product Code: 192896 | Member Price: $84 | Nonmember Price: $122
DIGITAL EDITION: AABB Press, 2019
Product Code: 192896DB | Member Price: $84 | Nonmember Price: $122

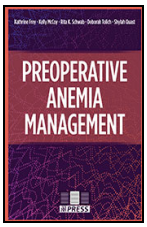
More PBM Resources

The AABB offers many additional patient blood management (PBM) resources on the website. The Transfusion Safety and Patient Blood Management (TS/PBM) Subsection has curated a rich collection of content in the *AABB PBM Toolkit*. These resources are free to AABB members and are intended to help improve patient care and address challenges facing your facility. Examples of the diverse topics covered in the toolkit section "PBM Column" include the following:

- Understanding Informed Consent in Transfusion Medicine
- Viscoelastic Testing in Patient Blood Management: Friend or Foe?
- Platelet Needs for Antiplatelet Therapy in Patients with Spontaneous Intracellular Hemorrhage
- Patient Blood Management in Pediatrics
- Outpatient Transfusion and Patient Blood Management
- Updates in Red Blood Cell Transfusion Thresholds
- Lowering the Standard Dose of Platelets: Is the Timing Right for the US?
- How Do I Treat Anemia in the Presurgical Setting?
- Value and Accuracy of Point-of-Care Testing
- And many more!

In addition to the "PBM Column" narratives, the *AABB PBM Toolkit* offers posters, infographics, clinical practice guidelines, and recorded continuing education sessions.

Preoperative Anemia Management



By Kathrine Frey, MD; Kelly McCoy, RN; Shylah Quast, BSN, RN; Rita Schwab, CPMSM; and 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. This is your essential primer on:

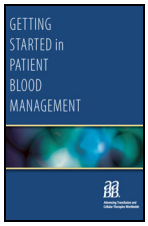
- Feasibility studies and business proposals.
- Engagement of leaders and stakeholders.
- Guidelines, algorithms, and workflows.
- Implementation and evaluation.
- Samples, templates, and slides in editable, digital format.

Get a head start toward success with USB card loaded with ready-made templates, such as a business plan, an implementation plan, a project management tool, workflows, correspondence, and more!

PRINT EDITION: AABB Press, 2019, 73 pages, ISBN 978-1-56395-970-7
Product Code: 192991 | Member Price: $84 | Nonmember Price: $122
DIGITAL EDITION: AABB Press, 2019
Product Code: 192991DB | Member Price: $84 | Nonmember Price: $122

> *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!*
>
> —Mark Friedman, DO

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.

DIGITAL EDITION: AABB, 2011, 34 pages, ISBN 978-1-56395-828-1
Product Code: 112024DB | Member Price: FREE | Nonmember Price: $40

See Also

Standards for a Patient Blood Management Program (5th edition) and *Standards for Perioperative Autologous Blood Collection and Administration* (12th edition) and the accompanying Guidance are listed on page 3.

Patient Blood Management

Hospital Certification in PBM

AABB and The Joint Commission have teamed up to offer Patient Blood Management (PBM) Certification to hospitals accredited by The Joint Commission. Based on the AABB *Standards for a Patient Blood Management Program (PBM Standards),* the certification can help organizations reap the maximum benefits of their PBM program. Reducing blood waste, improving patient outcomes, and reducing transfusion-related risks and costs make the collaboration between AABB and The Joint Commission essential to a facility with a PBM program.

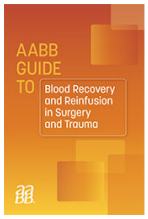
How to get started? It's a stepwise process.

- Use the free trial of the *PBM Standards* in AABB's Standards Portal to help determine your facility's readiness to be evaluated.
- Study the PBM Certification Review Process Guide to help prepare for the on-site evaluation team visit.
- Review the white paper from an organization that has made the successful journey to certification and how it continues to benefit from the process.
- Submit your application 4 to 6 months before you would like to host the evaluation team visit.

For a free trial of the AABB *Standards*, visit https://aabb.org/portaltrial. For the review process guide, the white paper, the application form, and answers to any questions, contact www.joint commission.org/en-us/certification/patient-blood-management.

AABB Guide to Blood Recovery and Reinfusion in Surgery and Trauma

By Richard R. Gammon, MD; Emily Coberly, MD; Alesia Kaplan, MD; and Janine Shepherd, MLS^{CM}(ASCP)SBB, for the Transfusion Medicine Section Coordinating Committee



Patient blood management (PBM) programs have matured and grown in scope and sophistication. Increasingly, blood use in the surgical setting has become the centerpiece of those programs—likely because victims of trauma may suffer large-scale blood loss. The *AABB Guide to Blood Recovery and Reinfusion in Surgery and Trauma* focuses on the perioperative collection and reinfusion of blood that is shed during surgery, as well as prevention of the need for allogeneic transfusion in the postoperative period.

Topics addressed include:

- Maximizing the effectiveness of blood recovery and reinfusion.
- Details on sponges, suction, partially filled bowls, washing.
- Indications and contraindications for use of the techniques.
- Potential complications that may result.
- Storage of recovered blood.
- Administrative aspects of program operations.
- Regulatory and accreditation requirements.

Also included are helpful appendices on indications and contraindications for perioperative blood recovery in different patient populations.

PRINT EDITION: AABB, 2020, 36 pages, ISBN 978-1-56395-412-2
Product Code: 203002 | Member Price: $40 | Nonmember Price: $55
DIGITAL EDITION: AABB, 2020
Product Code: 203002DB | Member Price: $40 | Nonmember Price: $55

Patient Blood Management: Multidisciplinary Approaches to Optimizing Care



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

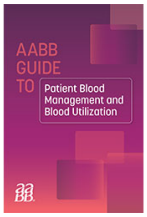
This text explains the importance of combining strategies from multiple disciplines and offers practical advice on patient blood management (PBM) approaches. All 22 chapter experts use PBM concepts on a daily basis. Surgeons, anesthesiologists, nurses, perfusionists, pharmacists—all will find valuable content:

- 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.

PRINT EDITION: AABB Press, 2016, 403 pages, ISBN 978-1-56395-932-5
Product Code: 162185 | Member Price: $130 | Nonmember Price: $150
DIGITAL EDITION: AABB Press, 2016
Product Code: 162185DB | Member Price: $130 | Nonmember Price: $150

AABB Guide to Patient Blood Management and Blood Utilization

By Richard R. Gammon, MD; Sara Bakhtary, MD; Nanci Fredrich, RN, BSN, MM; Sherry Hogan, RN, PCU; and Barbara Tubby, MT(ASCP)SBB, MSEd, for the Transfusion Medicine Section Coordinating Committee



Patient blood management (PBM), although practiced for many years, has come of age as a mainstream practice within the past decade. The goal of the *AABB Guide to Patient Blood Management and Blood Utilization* is to serve as a concise yet comprehensive resource by first explaining the various aspects of PBM. Then the content dives into the review, audit, and measurement of program efforts. The metrics of blood utilization have been spurred by development of sophisticated information technology systems and widespread use of electronic health records. Both new and long-standing PBM programs can benefit from this *Guide*, as its goal is to promote the journey from being a good PBM program to becoming a great one.

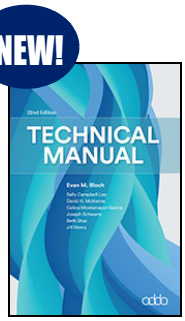
Topics covered:

- Avoidance of allogeneic transfusion.
- Options available pre-, intra-, and postoperatively.
- Guidance for blood utilization.
- Methods for reviewing transfusion practices.
- How to audit transfusion decisions.
- Use of audit results to improve patient care.

PRINT EDITION: AABB, 2020, 60 pages, ISBN 978-1-56395-411-5
Product Code: 203412 | Member Price: $50 | Nonmember Price: $70
DIGITAL EDITION: AABB, 2020
Product Code: 203412DB | Member Price: $50 | Nonmember Price: $70

General

Technical Manual, 22nd edition



Edited by Evan M. Bloch, MBChB, MS; Sally Campbell-Lee, MD, David H. McKenna Jr, MD; Celina Montemayor-Garcia, MD, PhD; Joseph (Yossi) Schwartz, MD, MPH, CAP(AABB), QIA; Beth Shaz, MD; and Jill Storry, PhD, FBBTS

If there is such a thing as a must-have resource, the *Technical Manual* would be it. In this edition, 31 chapters and 100+ methods/appendices provide valuable content for newcomers as well as seasoned professionals alike. The full spectrum of transfusion medicine and cellular therapies is detailed: quality and regulatory issues, component collection/preparation, laboratory testing, and clinical practice (including special situations, patients, and outcomes). Additionally, this edition captures key Association Bulletins issued within weeks of release.

Other notable updates:

- First-ever chapter on practice in LMIC countries.
- New chapter on adverse reactions to cellular therapies.
- New chapter dedicated to hemostasis and coagulation.
- New chapter on regulatory issues in cellular therapies.

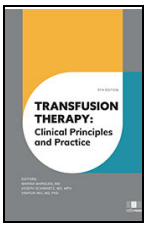
The methods and appendices are once again posted online at no extra cost. Purchasers of the print edition will find an access code to the online content in the book itself, and the digital edition includes methods/appendices as ancillary files to the chapters. Because the *Technical Manual* is such a good text for those just about to begin their careers, the AABB is happy to offer student pricing.

For print buyers, the Methods and Appendices are available online. Just look for the URL location printed at the beginning of the "Contents Online" section (page xxii) of the book's Table of Contents.

PRINT EDITION: AABB, 2026, hard cover, 970 pages, ISBN 978-1-56395-557-0
Product Code: 263013 | Member Price: $206 | Nonmember Price: $320 | Student Price: $181
DIGITAL EDITION: AABB, 2026
Product Code: 263013DB | Member Price: $206 | Nonmember Price: $320 | Student Price: $181
PRINT AND DIGITAL BUNDLE: Product Code: 263690 | Member Price: $330 | Nonmember Price: $512

> *For over 30 years, I have used the AABB* Technical Manual *as a trusted resource in my practice and teaching roles. My first* Technical Manual *was the fabulous "green book" (10th edition), but every new version remains my "gold standard" for understanding Transfusion Medicine! I recommend this incredible publication without hesitation to learners everywhere.*
>
> —Joe Chaffin, MD

Transfusion Therapy: Clinical Principles and Practice, 5th edition



Edited by Marisa B. Marques, MD; Joseph (Yossi) Schwartz, MD, MPH; and Yanyun Wu, MD, PhD

Although much about transfusion appropriateness remains elusive, this book puts together an excellent and skilled cadre of authors to provide options where the evidence of best practice may not yet have developed. The 24 chapters include three new topics in this edition: transfusion for victims of trauma, for those with massive bleeding, and for individuals with sickle cell disease. These three new chapters complement and enrich the volume and should be of great interest to clinical professionals who order blood and blood components for their patients. Further, the editors and authors of this edition also intended to create an authoritative source for transfusion medicine professionals in their consultative and oversight efforts to guide their clinical colleagues in providing the best care for patients.

PRINT EDITION: AABB, 2025, 649 pages, ISBN 978-1-56395-540-2
Product Code: 252005 | Member Price: $195 | Nonmember Price: $273
DIGITAL EDITION: AABB Press, 2025
Product Code: 252005DB | Member Price: $195 | Nonmember Price: $273

Key Concepts in Transfusion Medicine



Edited by Joseph (Yossi) Schwartz, MD, MPH, and Huy P. Pham, MD, MPH

Key Concepts in Transfusion Medicine reviews and re-enforces the key concepts involved in the clinical aspects of blood transfusion (including apheresis and cellular therapy). For the clinicians who order blood components and the nurses who administer them, for physicians and technologists in training to become blood bankers, and for seasoned professionals who are mentoring newcomers in the field—this book is ideal.

Key Concepts distills the current body of transfusion knowledge, presenting the material in a conversational style. It highlights key ideas, facts, conclusions, and suggested readings, to provide a solid basis on which to make intelligent transfusion decisions as well a good foundation for further reading. Its marginal notes re-emphasize the most important points.

PRINT EDITION: AABB Press, 2022, 557 pages, ISBN 978-1-56395-962-2
Product Code: 222023 | Member Price: $95 | Nonmember Price: $130
DIGITAL EDITION: AABB Press, 2022
Product Code: 222023DB | Member Price: $95 | Nonmember Price: $130

Global Perspectives and Practices in Transfusion Medicine



Edited by Quentin G. Eichbaum, MD, PhD, MPH, MFA, MMHC, MA, MSc, MMEd, FCAP, FASCP; Soraya Amar El-Dusouqui, MD, MBO; Linda S. Barnes, DrPH, MHA, RAC, CABP(H); Evan M. Bloch, MBChB, MS; Meghan Delaney, DO, MPH; Tina S. Ipe, MD, MPH; and Cees Th. Smit Sibinga, MD, PhD, FRCP Edin, FRCPath

This collaborative project of the AABB Global Transfusion Forum uses the concepts of contextual impact, interdependence, and transformative learning as foundations for bidirectional benefit. Authors representing more than 25 countries, with more than 75% living and working in low- and middle-income countries (LMICs), offer authentic perspectives on current local practices from those with contextual expertise, who are often underrepresented in the literature.

A consistent chapter structure includes learning objectives, global comparisons, and considerations for practice on each chapter topic. A broad range of topics from 22 chapters is divided into five sections:

- History, resolutions and frameworks.
- Developing blood systems.
- Transfusion practices.
- Transfusion education.
- Research, ethics and health policy.

PRINT EDITION: AABB, 2023, 656 pages, ISBN 978-1-56395-451-1
Product Code: 233000 | Member Price: $58 | Nonmember Price: $75
DIGITAL EDITION: AABB, 2023
Product Code: 233000DB | Member Price: $58 | Nonmember Price: $75

See Also

Buy all three and save!

Global Perspectives and Practices in Transfusion Medicine, this page.

Global Education, Training, and Staffing in Transfusion Medicine, page 29.

Global Transfusion Education: Informatics, Biotherapies, Research, and Ethics, page 29.

BUNDLE: Product Code: 264100 | Member Price: $122 | Nonmember Price: $158

How Do I Do It? Volume 2

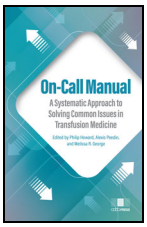


Compiled by Beth H. Shaz, MD

Readers of *TRANSFUSION* report that aside from the research content, their favorite feature is the practical advice articles begun in 2006 as the "How Do I . . ?" series. Renamed "How Do I Do It?" in 2022, this new compilation brings together the articles published since the first compilation. In this volume, experienced colleagues describe how they manage more than 60 situations from the laboratory, surgical suite, collection facility, and clinical care areas.

PRINT EDITION: AABB, 2023, 540 pages, ISBN 978-1-56395-473-3
Product Code: 233927 | Member Price: $125 | Nonmember Price: $165
DIGITAL EDITION: AABB, 2023
Product Code: 233927DB | Member Price: $125 | Nonmember Price: $165

On-Call Manual: A Systematic Approach to Solving Common Issues in Transfusion Medicine



Edited by Philip Howard, MD; Alexis Peedin, MD; and Melissa George, DO

When they are calling you, who are *you* going to call? This handy resource is intended to assist residents, fellows, and attending pathologists who are on call, are covering the transfusion service, and do not yet have the experience of a seasoned expert. More than 20 realistic cases are presented, involving the types of situations that can happen at any time, involving patients experiencing transfusion reactions; clinicians requesting red cell, platelet, and plasma/cryoprecipitate transfusion; possible use of apheresis; and situations involving obstetric/perinatal/pediatric patients.

Each case spans the initial questions to be asked, differential diagnosis, consultation with others, evaluation of test results, what portends for the patient's future transfusion management, and handing off to the next shift's personnel with a complete report.

The editors crowd-sourced the topics from among their colleagues and applied a structured, systematic approach that can be used anywhere, even in situations not described in the book. References and suggested readings are also included.

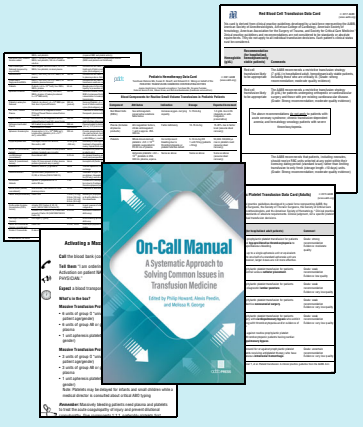
PRINT EDITION: AABB Press, 2023, 105 pages, ISBN 978-1-56395-471-9
Product Code: 232006 | Member Price: $48 | Nonmember Price: $62
DIGITAL EDITION: AABB Press, 2023
Product Code: 232006DB | Member Price: $48 | Nonmember Price: $62

Together!

See aabb.org/store for full descriptions!

On-Call Manual: A Systematic Approach to Solving Common Issues in Transfusion Medicine and one copy each of AABB's five laminated data cards

BOOK AND CARDS:
Product Code: 232920 |
Member Price: $62 |
Nonmember Price: $48



Components

Blood Transfusion Therapy: A Handbook, 14th edition



Edited by Melissa Cushing, MD; Jessica Poisson, MD; and Nicholas Bandarenko, MD

Hard to believe that things can change so much in 3 years. So although much of the "tried and true" content that was covered in the previous edition is still included, this updated edition has been thoroughly reviewed and augmented to capture the most recent trends in transfusion medicine practice. Concise discussions address blood components and derivatives, hemostatic disorders, transfusion complications, massive transfusion, patient blood management, and therapeutic apheresis.

New content on:

- Liquid plasma, pathogen-inactivated plasma, factor concentrates.
- RhIG dosing.
- Pre-hospital transfusion.
- Hyperhemolysis syndrome.
- Massive hemorrhage, including use of whole blood.
- See online description for more!

PRINT EDITION: AABB, 2023, 331 pages, ISBN 978-1-56395-475-7
Product Code: 233016 | Member Price: $60 | Nonmember Price: $90

Blood Transfusion Therapy Data Card *(Set of 10)*



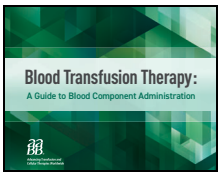
Developed by contributors to the *Blood Transfusion Therapy Handbook*

The *Blood Transfusion Therapy Data Card* is a handy reference that can be carried easily in a lab coat pocket. Laminated for durability, the Data Card features:

- An updated list of available components with their composition and indications for use (includes pathogen-inactivated and liquid plasma).
- 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.

PRINT EDITION: AABB, 2023, laminated cards, ISBN 978-1-56395-476-4
Product Code: 233103 | Member Price: $45 (set) | Nonmember Price: $60 (set)

Blood Transfusion Therapy: A Guide to Blood Component Administration, 5th edition



By the contributing editors of *Blood Transfusion Therapy: A Physician's Handbook*, 13th edition

This popular 8.5" x 11" flip chart on safe blood administration has been thoroughly updated to reflect recent changes. Administration of red cells, platelets, plasma, plasma derivatives, granulocytes, and cryoprecipitate is augmented by reminders on providing safe transfusions and managing transfusion reactions when they do occur. Multiple tabs, colorful graphics, and key points provide quick information on:

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

PRINT EDITION: AABB, 2020, spiral-bound flip chart, ISBN 978-1-56395-409-2
Product Code: 203109 | Member Price: $45 | Nonmember Price: $55

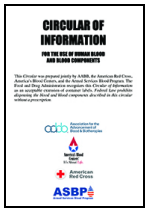
The AABB Handbook Series

For close to 40 years, the books in the AABB Handbook Series have been handy, reliable, and valued resources for thousands of practitioners in the transfusion medicine field. Not only physicians, but also nurses, technologists, and other specialists have depended on one or more books in the series as their "go-to" or first reference. The solid content is informative and the references put readers on the right track to further research. The series currently includes:

- *Blood Transfusion Therapy: A Handbook*, 14th edition (this page).
- *Cellular Therapy: A Handbook*, 2nd edition (see page 11)
- *Coagulation: A Handbook,* 1st edition (see page 24).
- *Pediatric Transfusion: A Handbook*, 6th edition (see page 23).
- *Perioperative Blood Management: A Physician's Handbook*, 3rd edition (see page 12).
- *Therapeutic Apheresis: A Handbook*, 7th edition (see page 25).

Transfusion Practices

Circular of Information for the Use of Human Blood and Blood Components, 2024 *(Set of 50)*



Prepared by AABB, American Red Cross, America's Blood Centers, and the Armed Services Blood Program, this *Circular* is an extension of the container label and recognized as acceptable by the FDA. The FDA has detailed how the *Circular* in brochure format is to be used as well as the conditions under which the *Circular* on USB drive can be used. This important information is located on the Circular page of the AABB website.

New in this version:

- FDA-licensed test for malaria.
- Signs and symptoms of TACO.
- Collection and processing of Leukocyte Reduced Red Blood Cells in an oxygen/carbon dioxide-reduced environment.
- Donor ingestion of drugs and preservation of platelet function in Whole Blood for transfusion.
- Proteins (albumin, ADAMTS13, and Factors II, V, VII, X and XI) in Plasma Cryoprecipitate Reduced remain at levels similar to the plasma product used to prepare the cryoprecipitate.

The bundle of 3 sets and a USB includes FDA-approved guidance on when the digital version may be used.

PRINT EDITION: AABB, 2024, 49 pages, ISBN 978-1-56395-501-3
Product Code: 243011 | Member Price: $75 (set) | Nonmember Price: $95 (set)
PRINT AND USB BUNDLE (USB and 3 sets printed): Product Code: 243018 | Member Price: $235 | Nonmember Price: $290

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.

PRINT EDITION: AABB, 2017, laminated cards, ISBN 978-1-56395-942-4
Product Code: 173201 | Member Price: $25 (set) | Nonmember Price: $35 (set)

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 978-1-56395-918-9
Product Code: 156840 | Member Price: $28 (set) | Nonmember Price: $38 (set)

Leadership Certificate in Blood Banking and Transfusion Medicine

Invest in yourself today! This self-paced program is expertly designed for emerging laboratory leaders, offering specialized leadership training to elevate your career to new heights. This interactive eLearning experience covers a wide range of essential topics, including:

- Blood Banking and Transfusion Medicine Fundamentals
- Quality
- Regulatory Compliance
- Operations Management
- Administration
- Information Technology (IT) Systems
- Personnel Leadership and Management

Job aids, glossaries, a learning journal, and other resources are provided to enhance your learning. This program is eligible for 30 continuing education credits/contact hours for California Nurses, California Lab Personnel, Florida Lab Personnel, and General Participation credit, which can be used for ASCP maintenance of certification.

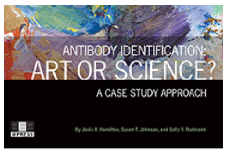
Registration is easy via aabb.org/store. Upon purchase, immediate access is granted via the AABB Education Platform. To receive the certificate, participants must complete the domain modules, assessments, and a program evaluation within 12 months to receive the Certificate of Completion.

Individual Member Price: $879 | Individual Nonmember Price: $1,159 | Institutional discounts for 4 or more participants enrolling at the same time are available.

Learn more at aabb.org/leadership.

Immunohematology/Serology

Antibody Identification: Art or Science? A Case Study Approach

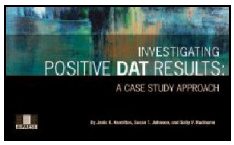


By Janis R. Hamilton, MS, MT(ASCP)SBB; Susan T. Johnson, MSTM, MT(ASCP)SBB^{CM}; and Sally V. Rudmann, PhD, MT(ASCP)SBB^{CM}

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.

PRINT EDITION: AABB Press, 2013, 506 pages, ISBN 978-1-56395-837-3
Product Code: 132020 | Member Price: $82 | Nonmember Price: $105
DIGITAL EDITION: AABB Press, 2013
Product Code: 132020DB | Member Price: $82 | Nonmember Price: $105

Investigating Positive DAT Results: A Case Study Approach

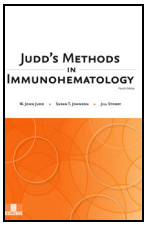


By Susan T. Johnson, MSTM, MT(ASCP) SBB^{CM}; Janis R. Hamilton, MS, MT(ASCP) SBB; and Sally V. Rudmann, PhD, MT(ASCP)SBB^{CM}

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.

PRINT EDITION: AABB Press, 2016, spiral binding, 641 pages, ISBN 978-1-56395-911-0
Product Code: 152770 | Member Price: $95 | Nonmember Price: $125
DIGITAL EDITION: AABB Press, 2016
Product Code: 152770DB | Member Price: $95 | Nonmember Price: $125

Judd's Methods in Immunohematology, 4th edition



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

This well-respected compilation has for many years been one of the most widely used references for serologic methods to address dilemmas in areas such as detection, identification, and investigation of antibodies; perinatal testing of mother and neonate; resolution of problems encountered with ABO typing; and in-house preparation of reagents. The authors—all experts—have thoroughly updated this edition, but also retained the valuable and still-relevant material from previous editions.

Contents include:

- Routine tube methods.
- Antibody detection.
- Enzyme techniques.
- Elution techniques.
- Cell separation methods.
- Alternative serologic methods for antibody detection.
- Reagent red cells (non-enzyme-treated).
- Antibody identification.
- Investigating antibodies to high-prevalence antigens.
- Prenatal and perinatal testing.
- Investigating samples containing autoantibodies.
- Investigating drug-induced hemolysis.
- Investigating ABO grouping problems.
- Investigating red cell polyagglutination.
- Miscellaneous methods.

In addition, helpful appendices provide tips on reagent preparation and storage and a template for documentation of reagent preparation.

This resource can be used to save time for blood centers, transfusion services, and reference laboratories in developing or updating their standard operating procedures. Print edition comes with digital files for ease of customization.

PRINT EDITION: AABB Press 2021, hard cover, 719 pages, ISBN 978-1-56395-435-1
Product Code: 212190 | Member Price: $140 | Nonmember Price: $190
DIGITAL EDITION: AABB Press, 2021
Product Code: 212190DB | Member Price: $140 | Nonmember Price: $190

> *I've used* Judd's Methods *both when I was working in an immunohematology reference lab and a hospital transfusion service. It provides all the basic serologic testing methods you need in a crossmatch lab as well as the specialized testing most often performed in the reference lab. And everything is organized in the most convenient manner to help you complete your own documentation.*
>
> –Dawn Rumsey, ART(CSMLS), BB^{CM}(ASCP)

Blood Banker Favorites: A Collection of the Best Recipes for Blood Sample Preparation



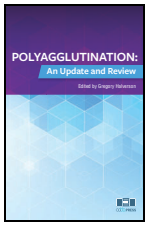
By Susan T. Johnson, MSTM, MT(ASCP)SBB^{CM}, and Michael J. Schanen, MLS^{CM}(ASCP)SBB^{CM}

Blood Banker Favorites is intended for medical laboratory scientists, technicians, and educators who prepare samples for training, teaching, and competency assessment. Formatted as if it were a traditional "cookbook," it contains almost 60 "recipes" (procedures) that have been validated to work. From weak expected ABO alloantibodies to immediate transfusion reactions, from cold autoantibody with broad specificity to positive DAT results with both IgG and C3—the upbeat presentation belies over 15 years of collecting sample preparation procedures from AABB colleagues. The authors carefully tested the recipes chosen for inclusion and developed this book as a gift to their profession. Destined to become a classic.

Contents:
- Entertaining guests.
- Measurements and substitutions.
- ABO appetizers.
- Mixed-field salads.
- Antibody soups.
- Side dishes.
- DAT desserts.
- Full course meals.

PRINT EDITION: AABB Press, 2020, 202 pages, ISBN 978-1-56395-978-3
Product Code: 202887 | Member Price: $55 | Nonmember Price: $80
DIGITAL EDITION: AABB Press, 2020
Product Code: 202887DB | Member Price: $55 | Nonmember Price: $80

Polyagglutination: An Update and Review



Edited by Gregory R. Halverson, MT(ASCP)SBB, DLM

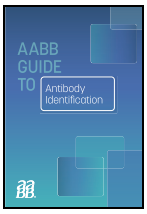
Since the publication in 1980 of the slim AABB volume on the topic, much has changed. This update covers several new types of polyagglutination as well as some of the cell markers that have become associated with polyagglutination and disease. The intervening 40+ years of change have presented today's professionals with new challenges, including the predominance of monoclonal, rather than polyclonal, reagents; lack of commercial sources of lectins; and a need to understand glycan array chips and computer-generated data analysis.

Topics include:
- Lectins.
- Acquired polyagglutination.
- Inherited and rare forms.
- Identification of TR polyagglutination.
- NOR blood group antigen.
- Transfusion support for the patient with polyagglutination.
- Bonus! Helpful appendices of hard-to-find data.

PRINT EDITION: AABB Press, 2022, 115 pages, ISBN 978-1-56395-453-5
Product Code: 222080 | Member Price: $60 | Nonmember Price: $80
DIGITAL EDITION: AABB Press, 2022
Product Code: 222080DB | Member Price: $60 | Nonmember Price: $80

AABB Guide to Antibody Identification

Wen Lu, MD; Tony S. Casina, MT(ASCP)SBB; Susan T. Johnson, MSTM, MT(ASCP)SBB^{CM}; Heather Jorissen, MLS(ASCP)SBB; Jennifer E. O'Connor, MSTM, MLS(ASCP)^{CM}SBB^{CM}; and Heather M. Smetana, MLS(ASCP)^{CM}SBB^{CM} for the Transfusion Medicine Section Coordinating Committee



This instructive AABB guide addresses three key areas of antibody identification: 1) routine testing and interpretation of the results, 2) additional testing, including guidance on what alternatives to use and when, and 3) situations that call for unusual antibody testing.

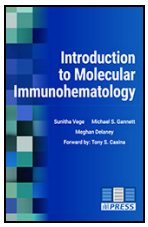
Contents include:
- Developing policies and procedures for antibody identification.
- How unexpected antibodies can be detected and identified.
- When to use different test methods (gel, tube, solid phase, etc).
- What findings affect the decision to transfuse.
- Definitions for compatibility, incidence, detection vs screen vs panel, etc.
- And so much more!

With appendices containing case studies, useful examples of "ruling out," and a compilation of relevant regulatory and accreditation requirements.

PRINT EDITION: AABB, 2021, 113 pages, ISBN 978-1-56395-418-8
Product Code: 213001 | Member Price: $68 | Nonmember Price: $98
DIGITAL EDITION: AABB, 2021
Product Code: 213001DB | Member Price: $68 | Nonmember Price: $98

> *Contributing to the guides is always a fantastic experience, because I am able to meet and learn from incredibly knowledgeable colleagues. The meetings are always intellectually stimulating and provide wonderful opportunities to dig deeper into my own understanding and practices.*
>
> –Wen Lu, MD

Introduction to Molecular Immunohematology



By Sunitha Vege, MS; Michael Gannett, MLS (ASCP)^{CM}SBB^{CM}; and Meghan Delaney, DO, MPH

Foreword by Tony S. Casina, MT(ASCP)SBB

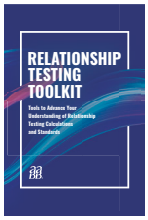
This book covers the basics of red cell genetics and how molecular testing is used in the clinical setting. It connects the test performed to the genes, to the expressed phenotype, and to its relevance in clinical transfusion medicine. It should be a useful tool for evaluating patients who may benefit from blood group genetic testing and for interpretation of genotype results.

Includes:

- Basic concepts and terminology.
- Methods and applications for red cell genotyping.
- "Simple" and complex blood group systems.
- Resolution of discordances.

PRINT EDITION: AABB Press, 2020, 151 pages, ISBN 978-1-56395-365-1
Product Code: 202503 | Member Price: $89 | Nonmember Price: $120
DIGITAL EDITION: AABB Press, 2020
Product Code: 202503DB | Member Price: $89 | Nonmember Price: $120

Relationship Testing Toolkit: Tools to Advance Your Understanding of Relationship Testing Calculations and Standards



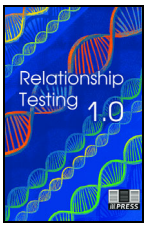
This digital toolkit will assist practitioners with the evaluation of both standard and complex relationship testing (RT) situations. The combination of go-to reference documents on RT calculations and practical templates will make development of facility-specific forms for operational compliance much smoother. The toolkit also provides access to supplemental resources on the following topics:

- Mass fatality DNA identification operations.
- RT calculations.
- Likelihood ratios.
- Twinship.
- Chimeras.
- Hydatidiform moles.
- Incestuous parentage.

In addition, forms may be downloaded in Microsoft Word format for customization to assist in compliance with the record-keeping requirements in AABB *Standards for Relationship Testing Laboratories* (eg, competency record, continuing education, review of proficiency test results, software validation of calculations, and review of qualifications for the RT laboratory director).

DIGITAL EDITION: AABB, 2020, 212 pages
Product Code: 203062DB | Member Price: $100 | Nonmember Price: $149

Relationship Testing 1.0

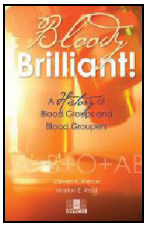


By Robert E. Wenk, MD, MS$_{hGEN}$

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.

PRINT EDITION: AABB Press, 2018, 170 pages, ISBN 978-1-56395-966-0
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

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 and other early giants, but also of Mollison, Garratty, and many others who have made their mark on the profession.

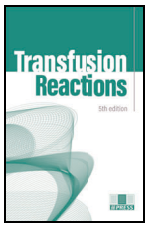
PRINT EDITION: AABB Press, 2016, hard cover, color illustrations, 633 pages, ISBN 978-1-56395-910-3
Product Code: 162963 | Member Price: $180 | Nonmember Price: $210

> *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

Complications

Transfusion Reactions, 5th edition

Edited by Patricia M. Kopko, MD



Transfusion reactions may vary widely in severity and symptomology, appearing from minutes to weeks after starting the procedure. This trusted AABB reference has been updated throughout to provide information from the latest scientific literature on adverse reactions to transfusion, common and uncommon. Aspects of each potential complication are examined, including clinical presentation, epidemiology, risk factors, morbidity, mortality, pathophysiology, differential diagnosis, and/or others. With a scope that is comprehensive, the book offers subtopics and tabular material that provide easy access to critical information for clinicians at all levels, as well as laboratory staff, involved in the care of transfusion recipients.

Important features:

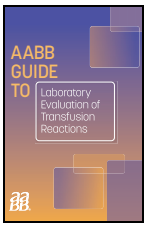
- Two new chapters cover unconfirmed transfusion reactions and hemovigilance.
- Specific chapters devoted to nursing practices, prevention, and low-resource settings.
- Significant changes in TRALI and TACO prevention and identification since the previous edition.
- Thirteen other chapters cover complications by type of reaction, procedure, or product used.

PRINT EDITION: AABB Press, 2021, 732 pages, ISBN 978-1-56395-413-9
Product Code: 212160 | Member Price: $155 | Nonmember Price: $195
DIGITAL EDITION: AABB Press, 2021
Product Code: 212160DB | Member Price: $155 | Nonmember Price: $195

> *In reading this book, particularly Chapter 17, Hemotherapy Bedside Biovigilance and Nursing Surveillance in the Recognition, Reporting, and Management of Transfusion-Associated Adverse Events, I felt a renewed call to action to engage my teammates in optimizing each step in the transfusion process to improve quality, reduce cost, identify safety gaps, and decrease unnecessary or unwarranted transfusions.*
>
> —Alyssa Ziman, MD

AABB Guide to the Laboratory Evaluation of Transfusion Reactions

By Wen Lu, MD; J. Peter Pelletier, MD, MT(ASCP); Kathleen E. Puca, MD, MT(ASCP)SBB, FCAP; Glenn Ramsey, MD; and NurJehan Quraishy, MD for the Transfusion Medicine Section Coordinating Committee



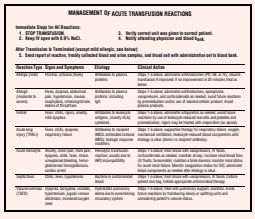
The evaluation and diagnosis of a suspected transfusion reaction is a matter of clinical judgment by a physician trained in adverse effects of transfusion. Negative testing results do not always exclude a reaction if there is strong suspicion that the patient's symptoms are related to blood transfusion. The laboratory evaluation of these events is critical not only for the patient's health, but also for corrective and preventive actions that are part of process improvement. Contents of this updated reference, the *AABB Guide to the Laboratory Evaluation of Transfusion Reactions,* include step-by-step guidance for:

- Hemolytic Transfusion Reactions.
- Transfusion-Related Acute Lung Injury.
- Transfusion-Associated Circulatory Overload.
- Allergic/Anaphylactic Reactions.
- Septic Transfusion Reactions.
- Posttransfusion Purpura.
- Iron Overload.
- Transfusion-Associated Graft-vs-Host-Disease.

Includes an extremely useful Appendix summarizing common acute and delayed transfusion reactions with their associated primary symptoms, additional symptoms, usual timing of onset, initial laboratory evaluation, and confirmatory/supplemental evaluations.

PRINT EDITION: AABB, 2021, 57 pages, ISBN 978-1-56395-421-4
Product Code: 213030 | Member Price: $45 | Nonmember Price: $68
DIGITAL EDITION: AABB, 2021
Product Code: 213030DB | Member Price: $45 | Nonmember Price: $68

See Also


MANAGEMENT OF ACUTE TRANSFUSION REACTIONS

If you think of *Transfusion Reactions*, 5th edition as a meal and *AABB Guide to the Laboratory Evaluation of Transfusion Reactions* as a snack, what's available if you want just a bite? The answer can be found on page 17—specifically, the *Blood Transfusion Therapy Data Card*. The essential actions to take when a reaction is suspected are on the data card, along with key information on components and their administration. Anyone who is monitoring a patient during or after blood transfusion (eg, transfusion service, nursing, or ICU staff) will benefit from having the essential actions listed on the laminated card, conveniently sized for a lab coat pocket.

Special Patients/Situations

Pediatric Transfusion: A Handbook, 6th edition



Edited by Edward C.C. Wong, MD and Nick Bandarenko, MD

Pediatric Transfusion: A Handbook, 6th edition is a concise yet comprehensive reference book for all practitioners who transfuse neonatal and pediatric populations. This book is invaluable for physicians treating patients in the hospital or those answering questions while on call in the blood bank. Written in response to questions from a variety of professionals in the field, this unique book presents, in one easy-to-use handbook, 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. Contributors with a wealth of practical experience share their knowledge in a resource that fits conveniently in your lab coat pocket.

This edition includes the latest updates addressing patients with special transfusion needs, including neonates, patients undergoing extracorporeal membrane oxygenation, cardiovascular surgery patients, trauma patients, sickle cell disease patients, and other pediatric patients who require chronic transfusion support.

PRINT EDITION: AABB, 2024, 369 pages, ISBN 978-1-56395-508-2
Product Code: 243020 | Member price: $54 | Nonmember price: $70
DIGITAL EDITION: AABB Press, 2025
Product Code: 253020DB | Member Price: $54 | Nonmember Price: $70

Pediatric Hemotherapy Data Card *(Set of 10)*



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

This *Data Card* is a handy reference that folds down to easily fit in 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, 2024, laminated cards, ISBN 978-1-56395-519-8
Product Code: 243225 | Member Price: $47 (set) | Nonmember Price: $63 (set)

Together Again

Buy a bundle and save!

Pediatric Transfusion: A Handbook, 6th edition & Pediatric Hemotherapy Data Cards (set of 10)

BOTH ITEMS: Product Code: 243688 | Member Price: $80 | Nonmember Price: $106



AABB Guide to the Use of Blood Warming Devices

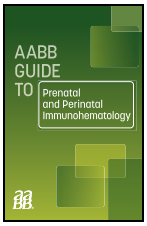


Patrick Ooley, MS, MLS(ASCP), CMQ/OE(ASQ)CQA, et al for the Transfusion Medicine Section Coordinating Committee

This updated *Guide* addresses the concerns of those who establish policies, processes, and procedures to achieve the desired outcome of the AABB standard on blood warming. Contents include blood-warming technologies, advantages of blood-warming devices, indications for use, contraindications, warnings, and administrative aspects. The helpful hints from experienced authors of this *Guide* may not be widely available elsewhere.

PRINT EDITION: AABB, 2023, 13 pages, ISBN 978-1-56395-424-5
Product Code: 233015 | Member Price: $25 | Nonmember Price: $40
DIGITAL EDITION: AABB, 2023
Product Code: 233015DB | Member Price: $25 | Nonmember Price: $40

AABB Guide to Prenatal and Postnatal Immunohematology Testing



By Lani Lieberman, MD, FRCP(C); Gwen Clarke, MD, FRCP(C); Mark Fung, MD, PhD; Wen Lu, MD; Theresa A. Nester, MD for the Transfusion Medicine Section Coordinating Committee

The management of prenatal and perinatal patients, especially those with a history of sensitization, requires close communication, collaboration, and coordination between clinicians, pharmacists, and transfusion service personnel.

The intent of this *Guide to Prenatal and Postnatal Immunohematology Testing* is to assist in promoting a common understanding among those professionals formulating prenatal and perinatal testing practices and to discourage the use of outdated, non-evidence-based practices and protocols. After laying a solid foundation on the fourfold objectives of prenatal and perinatal testing the Guide provides a thorough exploration of the following key topics:

- Routine testing during pregnancy, including purpose and timing.
- Management of the alloimmunized patient, including those with different, non-Rh(D), alloantibodies that can cause HDFN.
- Testing at delivery for both mother and neonate/cord blood.
- The use of RhIG prophylaxis, including timing and dose.

Where possible, the content is succinctly presented in tabular format. In circumstances where controversies exist or the data are limited or inconsistent, the Guide highlights both pros and cons, encouraging practitioners to keep abreast of future discoveries.

PRINT EDITION: AABB, 2023, 56 pages, ISBN 978-1-56395-420-7
Product Code: 233065 | Member Price: $50 | Nonmember Price: $70
DIGITAL EDITION: AABB, 2023
Product Code: 2333065DB | Member Price: $50 | Nonmember Price: $70

Coagulation: A Handbook



Edited by Marian Rollins Raval, MD; Jay R. Raval, MD; and Nick Bandarenko, MD

Coagulation: A Handbook is the answer to a long-awaited need for a practical coagulation resource. Recognizing the need for a current, consolidated coagulation guide for students, trainees, technologists, nurses, and physicians, the editors and authors of this 1st edition have assembled a new present-day compact text that covers topics ranging from introductory principles to more recent, cutting-edge updates in the field.

Readers from all backgrounds will find this handbook useful in its conceptual content, key illustrations, and most up-to-date compiled references. Big things come in small packages!

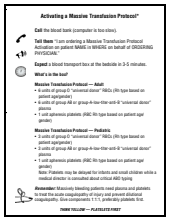
The book includes:

- An overview of hemostasis.
- Clinical approach for evaluating patients with bleeding or thrombosis.
- An introduction to, and overview of, laboratory testing.
- Diagnosis and treatment of thrombotic, fibrinolytic, and vascular disorders.
- Diagnosis therapy and monitoring of platelet disorders.
- Coagulation and extracorporeal circuits and more.

In this rapidly developing field, which combines both clinical and laboratory medicine, this book brings the reader the most recent developments including the latest pharmacotherapy and key references to delve deeper in any coagulation topic. Authored by a team made up of the brightest and most passionate coagulation experts, this invaluable resource is sure to aid readers in their learning and clinical practice.

PRINT EDITION: AABB, 2024, 420 pages, ISBN 978-1-56395-432-0
Product Code: 233100 | Member Price: $85 | Nonmember Price: $110
DIGITAL EDITION: AABB, 2024
Product Code: 233100DB | Member Price: $85 | Nonmember Price: $110

Massive Transfusion Protocol Data Card (Set of 10)



Shouldn't *all* your staff be prepared when an MTP is activated? This Massive Transfusion Protocol Data Card describes not only the steps to take when a protocol is activated, but also what actions to take while the MTP is ongoing. This card gives you the up-to-date information you'll need during this tension-filled situation. And it is concisely presented on a laminated card that slips easily into a lab coat pocket for use anywhere in the facility. Includes information on:

- Key information needed for activating a protocol.
- Components to expect for adult patients.
- Components to expect for pediatric patients.
- Ordering emergency hemorrhage panels.
- Careful labeling of specimens.
- Key data on dilutions.
- Equivalents and results expected for pooled components.

PRINT EDITION: AABB, 2021, laminated cards, ISBN 978-1-56395-433-7
Product Code: 212320 | Member Price: $32 (set) | Nonmember Price: $42 (set)

AABB Guide to Massive Transfusion

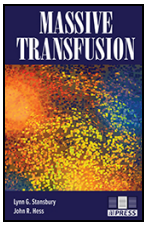


Vaanush Nazaryan, MBA, SBB(ASCP), CMQ/OE, CPHQ; Anna B. Choi, MPH, MT(ASCP); Mary E. Harach, MT(ASCP), CQA(ASQ); Daniela Hermelin, MD; Mary A. Lieb, MT(ASCP)SBB, CQA(ASQ); Susan Noone, MPH, CQA(ASQ); Karla S. Smith, MT(ASCP)SBB; Mary Ann Sromoski, MSN, RN; and Jessica L. Varisco, for the Transfusion Medicine Section Coordinating Committee

This *Guide*, a collaboration of clinical laboratory scientists, medical directors, and quality experts, represents best practices and regulatory requirements to assist transfusion services in providing quality care during massive transfusion. It will benefit anyone starting or enhancing a massive transfusion protocol or massive hemorrhage protocol and will help transfusion services provide the best care for their patients. It includes an appendix on situations to consider when creating a massive transfusion protocol.

PRINT EDITION: AABB, 2023, 26 pages, ISBN 978-1-56395-469-6
Product Code: 233055 | Member Price: $35 | Nonmember Price: $50
DIGITAL EDITION: AABB, 2023
Product Code: 233055DB | Member Price: $35 | Nonmember Price: $50

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.

PRINT EDITION: AABB Press, 2019, 169 pages, ISBN 978-1-56395-964-6
Product Code: 192318 | Member Price: $84 | Nonmember Price: $122
DIGITAL EDITION: AABB Press, 2019
Product Code: 192318DB | Member Price: $84 | Nonmember Price: $122

Therapeutic Apheresis: A Handbook, 7th edition



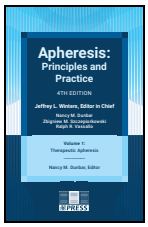
Edited by Joseph (Yossi) Schwartz, MD, MPH; Huy P. Pham, MD, MPH; and Nicholas Bandarenko, MD

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, indications for their use, and treatment recommendations for the diseases discussed.

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.

PRINT EDITION: AABB/ASFA, 2024, 357 pages, ISBN 978-1-56395-494-8
Product Code: 243025 | AABB and ASFA* Member Price: $80 | Nonmember Price: $115
**Please call +1.866.222.2498 to receive your discount.*

Apheresis: Principles and Practice, 4th edition, Volume 1: Therapeutic Apheresis



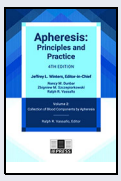
Edited by Nancy Dunbar, MD
Series edited by Jeffrey L. Winters, MD

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, indications for their use, and treatment recommendations for the diseases discussed. It represents an indispensable resource for every apheresis physician, nurse, and related support personnel.

PRINT EDITION: AABB Press, 2020, 234 pages, ISBN 978-1-56395-408-5
Product Code: 202009 | Member Price: $95 | Nonmember Price: $130
DIGITAL EDITION: AABB Press, 2020
Product Code: 202009DB | Member Price: $95 | Nonmember Price: $130

Together!



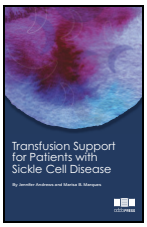




Buy the set and save! Volumes 1, 2, and 3 are now available at a significant discount when purchased together.

PRINT EDITIONS: AABB Press, 3 volumes
Product Code: 252012 | Member Price: $228 | Nonmember Price: $312
DIGITAL EDITIONS:
Product Code: 252012DB | Member Price: $228 | Nonmember Price: $312

Transfusion Support for Patients with Sickle Cell Disease, 2nd edition



Edited by Jennifer Andrews, MD, MSc, and Marisa B. Marques, MD

Affecting millions around the world, sickle cell disease (SCD) in the United States disproportionately affects African Americans and Hispanic Americans at a rate of 1 in 365 or 16,300 births, respectively.

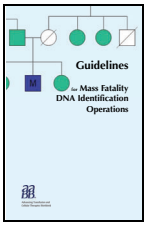
Since the first edition of this book more than 20 years ago, significant advances have made this a truly exciting time with new therapies and curative options. Transfusion remains a critical tool in the therapeutic armamentarium, and this book offers the most recent research and best clinical practices from leading experts, including something for everyone involved in the treatment of SCD patients-clinicians, laboratory staff, and administrators.

Eleven chapters cover the following topics:

- Pathology of SCD.
- Indications and best approaches for transfusion.
- Alloimmunization and the use of molecular diagnostics.
- Complications of transfusion in SCD patients.
- Pragmatic clinical and coordinated laboratory model of best care.
- Stem cell and other cellular therapies.

PRINT EDITION: AABB Press, 2022, 292 pages, ISBN 978-1-56395-447-4
Product Code: 222090 | Member Price: $80 | Nonmember Price: $110
DIGITAL EDITION: AABB Press, 2022
Product Code: 222090DB | Member Price: $80 | Nonmember Price: $110

Guidelines for Mass Fatality DNA Identification Operations

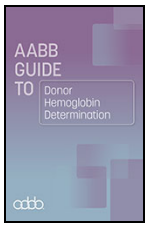


By Amanda Sozer, PhD; Michael Baird, PhD; Michelle Beckwith, BS; Brian Harmon, PhD; Demris Lee, MSFS; George Riley, PhD; and Stefan Schmidtt, PhD

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.

DIGITAL EDITION: AABB, 2010, 53 pages, ISBN 978-1-56395-853-3
Product Code: 103055DB | Member Price: FREE | Nonmember Price: FREE

AABB Guide to Donor Hemoglobin Determination



Developed for the Transfusion Medicine Section Coordinating Committee by Richard R. Gammon, MD, and Susan Noone, MPH, CQA(ASQ)

Anemia in prospective blood donors may indicate an underlying disease, may result in an ineffective transfusion product, and may cause harm to the recipient. Red cells are the most-transfused blood component; measurement of the donor hemoglobin level to determine donor eligibility is, therefore, of paramount importance. This *Guide* updates the previous publication on the topic (2007) and details the advantages, disadvantages, technical aspects, and quality assurance considerations for each of several methods currently in use to ascertain the donor hemoglobin level.

PRINT EDITION: AABB, 2024, 12 pages, ISBN 978-1-56395-492-4
Product Code: 243070 | Member price: $27 | Nonmember Price: $43
DIGITAL EDITION: AABB, 2024
Product Code: 243070DB | Member price: $27 | Nonmember Price: $43

Blood Banking and Transfusion Medicine 101 Course

AABB offers an education course focusing on the fundamentals of blood banking and transfusion medicine. Designed for early-career professionals or those looking to refresh their knowledge, AABB's Blood Banking and Transfusion Medicine 101 Course provides a thorough overview of blood banking and transfusion medicine from top experts in the field. The series is divided into four main topics:

Topic 1: Industry Review/Overview
Topic 2: Blood Banking Fundamentals
Topic 3: Transfusion Medicine Fundamentals
Topic 4: Regulatory/Compliance Deep Dive

Learners receive access to 24 recorded presentations in varying lengths covering 24 subtopics, with unlimited access to the course's content for up to 2 years.

Interested? You can learn more about this course at aabb.org/Blood101.

Blood Donor Health and Safety, 2nd edition



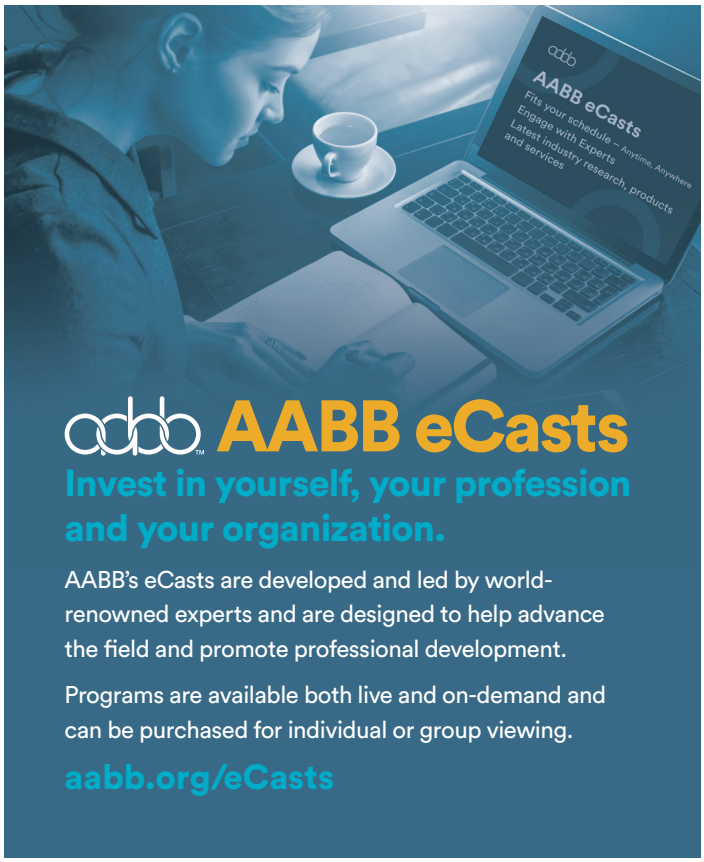
Edited by Anne F. Eder, MD, PhD, and Mindy Goldman, MD

Since publication of the first edition of *Blood Donor Health and Safety* (2009), many concerns have been raised and solutions have been implemented. Readers of this revision will develop a greater understanding of why some donors may be deferred for their own safety rather than the recipient's, blood centers will be able to implement innovative strategies for preventing adverse consequences, and donors themselves will benefit from an improved donation experience.

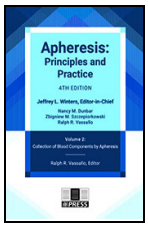
Topics covered:

- Donor education, consent, and counseling.
- Donor iron balance and consequences.
- Syncope and vasovagal reaction prevention/treatment.
- Needle-related issues.
- Collection by automated measures.
- Frequent plasmapheresis.
- Special situations (teens, seniors, disabled, etc). NEW!
- HPC donors.
- Donor hemovigilance.
- Future directions for research.

PRINT EDITION: AABB Press, 2022, 270 pages, ISBN 978-1-56395-448-1
Product Code: 222015 | Member Price: $90 | Nonmember Price: $120
DIGITAL EDITION: AABB Press, 2022
Product Code: 222015DB | Member Price: $90 | Nonmember Price: $120



Apheresis: Principles and Practice, 4th edition, Volume 2: Collection of Blood Components by Apheresis



Edited by Ralph R. Vassallo, Jr, MD, FACP
Series edited by Jeffrey L. Winters, MD

This thoroughly updated volume is an essential resource for physicians, administrators, and technical staff involved in donor blood collection and provision of components, offering a solid understanding of both the science and operational considerations. It begins by reviewing apheresis technology developments and a useful comparison of the specificities of current instruments. Next, aspects of donor care, including selection, physiology of the procedure, and donor reactions. Chapters then examine collection and processing by blood component type. Bacterial contamination and pathogen inactivation of components are vitally important topics covered separately, as is antigen matching. Finally, foundational quality systems are discussed in the context of donor apheresis.

PRINT EDITION: AABB Press, 2021, 226 pages, ISBN 978-1-56395-416-0
Product Code: 212009 | Member Price: $95 | Nonmember Price: $130
DIGITAL EDITION: AABB Press, 2021
Product Code: 212009DB | Member Price: $95 | Nonmember Price: $130

Regulatory Toolkits

(free to AABB members)

Donor Blood Pressure and Pulse

"Regulatory Considerations to Support Implementation of FDA's Compliance Policy on Donor Blood Pressure and Pulse" describes options for facilities implementing new guidance regarding 21 CFR 630.10(f)(4) and 21 CFR 630.10 (f)(2) issued in July 2024. Because these changes do not add requirements, this toolkit can help blood centers identify the flexible options for implementation.

Licensed COVID-19 Convalescent Plasma

"Toolkit to Support Implementation of Licensed COVID-19 Convalescent Plasma" provides information to support blood establishments on FDA's pathways for manufacture and distribution of CCP. In addition to guidance on licensure under a BLA and study under an IND application, the information clarifies the parts of the October 2023 guidance that remain in effect vs those superseded in the July 2024 guidance.

These members-only PDFs and additional toolkits and regulatory resources can be downloaded at aabb.org/toolkits.

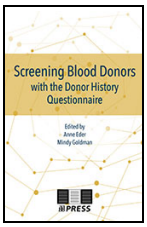
Additional Resources



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

- On the Front Lines: Research and Donation. [aabb.org/frontlines1]
- On the Front Lines: Products and Delivery. [aabb.org/frontlines2]
- On the Front Lines: Recruitment and Operations. [aabb.org/frontlines3]
- On the Front Lines: Diversity and Challenges. [aabb.org/frontlines4]

Screening Blood Donors with the Donor History Questionnaire Free Addendum with FDA Updates



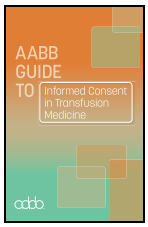
Edited by Anne F. Eder, MD, PhD, and Mindy Goldman, MD

Screening Blood Donors captures the significant information regarding use of the donor history questionnaire to assess donor eligibility. It now is accompanied by an addendum that updates the book chapters affected by the FDA Guidance updates through May 2023—and it is free! 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. This essential text centers on three aspects: donor health issues, recipient risk of transfusion-transmitted diseases, and postdonation considerations. The book concludes with helpful appendices.

Have the book already? Go to www.aabb.org/store, enter "Screening Blood Donors" in the Search box, and click on the Addendum under the product details.

PRINT EDITION: AABB Press, 2019, 269 pages, ISBN 978-1-56395-992-9
Product Code: 192165 | Member Price: $95 | Nonmember Price: $138
DIGITAL EDITION: AABB Press, 2019
Product Code: 192165DB | Member Price: $95 | Nonmember Price: $138

AABB Guide to Informed Consent in Transfusion Medicine



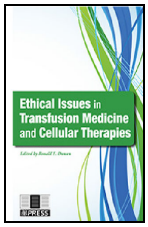
Developed for the Transfusion Medicine Section Coordinating Committee by Vaanush Nazaryan, MBA, SBB(ASCP), CMQ/OE, CPHQ; Anna B. Choi, MPH, MT(ASCP); Mary E. Harach, MT(ASCP), CQA(ASQ); Sherry Hogan, RN, PCU; Mary A. Lieb, CQA(ASQ); Donna Lucia, MT(ASCP), CQA(ASQ); Susan Noone, MPH, CQA(ASQ); Karla S. Smith, MT(ASCP)SBB; Mary Ann Sromoski, MSN, RN; Dawn M. Thut, CABP; Jessica L. Varisco, PBMC; and Ljiljana Vladimira Vasovic, MD, CABP(H)

This *Guide* explains the medical consent doctrine and describes the process that should be included in both donor and recipient settings. It emphasizes that informed consent is an educational process and a conversation between a lay person and a health-care professional—not merely the signing of a form that may not be understood or even read.

The roles of the physician directing the phlebotomy (an invasive procedure) in the blood center, the transfusion service medical director in the hospital, and the treating physician are reviewed. Options for a separate consent document vs one that is part of an overall facility document are discussed.

PRINT EDITION: AABB, 2024, 25 pages, ISBN 978-1-56395-495-5
Product Code: 243080 | Member Price: $35 | Nonmember Price: $50
DIGITAL EDITION: AABB, 2024
Product Code: 243080DB | Member Price: $35 | Nonmember Price: $50

Ethical Issues in Transfusion Medicine and Cellular Therapy



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

This concise volume captures today's issues and provides thought-provoking discussions from multiple perspectives. Case studies that can stimulate consideration by professionals in all areas are included.

Topics covered:
- Massive transfusion.
- MSM donors.
- Donor incentives.
- Cord blood.
- Research ethics.
- Hematopoietic mobilization.

PRINT EDITION: AABB Press, 2015, 192 pages, ISBN 978-1-56395-909-7
Product Code: 152150 | Member Price: $95 | Nonmember Price: $125
DIGITAL EDITION: AABB Press, 2015
Product Code: 152150DB | Member Price: $95 | Nonmember Price: $125

Transfusion Service Manual of Standard Operating Procedures, Training Guides, and Competence Assessment Tools, 3rd edition

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:
- Pretransfusion testing.
- Crossmatching.
- Automated testing.
- Antibody identification.
- Mother and infant.
- Transfusion reactions.
- Issue and return.
- 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.

PRINT EDITION: AABB Press, 2017, 143 pages, ISBN 978-1-56395-950-9
Product Code: 172180 | Member Price: $140 | Nonmember Price: $170
DIGITAL EDITION: AABB Press, 2017
Product Code: 172180DB | Member Price: $140 | Nonmember Price: $170

Research Design in Transfusion Medicine

NEW!



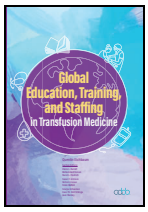
Editor in Chief: Quentin G. Eichbaum, MD, PhD, MPH, MFA, MMHC, MA, MSc, MMEd, FCAP, FASCP

Foreword by Michael P. Busch, MD, PhD, and Steven Kleinman, MD

Research Design in Transfusion Medicine is intended for anyone who may wish to consider different approaches to transfusion medicine research. The first section on research preparation gives a foundation for successful research and for the designs described. Chapters in the remainder of the book describe various traditional, new, and emerging research designs and situations where they can be used effectively to answer specific questions and avoid pitfalls. Many examples are provided with analysis. This book is the result of collaboration between more than 50 authors, eight section editors, and more than 30 chapter reviewers, all drawing on a broad base of knowledge and experience.

PRINT EDITION: AABB Press, 2026, 452 pages, ISBN 978-1-56395-552-5
Product Code: 262035 | Member Price: $95 | Nonmember Price: $135
DIGITAL EDITION: AABB Press, 2026
Product Code: 262035DB | Member Price: $95 | Nonmember Price: $135

Global Education, Training, and Staffing in Transfusion Medicine



Edited by Quentin G. Eichbaum, MD, PhD, MPH, MFA, MMHC, MA, MSc, MMEd, FCAP, FASCP; Claire Barrett, MBChB, PG Dipl (Transfusion Medicine), MMed, FCP(SA); Mohammed Farouk, MD, MBA; Nanci Fredrich, RN, BSN, MM; Susan T. Johnson, MSTM, MT(ASCP)SBB^{CM}; Faten Moftah, MD; and Cees Th. Smit Sibinga, MD, PhD, FRCP Edin, FRCPath

One cannot assume that adequate and safe blood transfusion will seamlessly "happen" in health-care delivery unless we pay deliberate attention to how we educate and train health-care professionals, and how we staff our facilities.

Laboratories in low-, middle-, and high-income countries suffer from persistent resource limitations of some kind—medical technologists, equipment, work environments, and career structures—all of which ultimately affect the quality and accuracy of test results.

This book is for physicians, students, clinical trainees, nurses, medical technologists, transfusion safety officers, phlebotomists, and blood administrators. It should be of particular value to transfusionists actively engaged in teaching as well as for self-directed learners.

PRINT EDITION: AABB, 2024, 433 pages, ISBN 978-1-56395-490-0
Product Code: 243090 | Member Price: $58 | Nonmember Price: $75
DIGITAL EDITION: AABB, 2024
Product Code: 243090DB | Member Price: $58 | Nonmember Price: $75

Global Transfusion Education: Informatics, Biotherapies, Research, and Ethics



Edited by Quentin G. Eichbaum, MD, PhD, MPH, MFA, MMHC, MA, MSc, MMEd, FCAP, FASCP; Arwa Z. Al Riyami, MD, FRCPC; Linda S. Barnes, DrPH, MHA, RAC, CABP(H); Lynne Briggs, BS, MBA; Justin Juskewitch, MD, PhD; and Vernon J. Louw, MBChB, MMed, PhD

Laboratories in low-, middle-, and high-income countries suffer from persistent resource limitations of one kind or another—medical technologists, equipment, work environments, and career structures—all of which ultimately affect the quality and accuracy of test results.

The intended audience for this book is physicians, students, clinical trainees, nurses, medical technologists, transfusion safety officers, phlebotomists, and blood administrators. It should be of particular value to transfusionists actively engaged in teaching as well as for self-directed learners. This book is a collaborative project from members of the AABB Global Transfusion Forum as well as outside reviewers who provided objective critiques. It is intended to be a valued resource for transfusionists around the world.

PRINT EDITION: AABB, 2025, 189 pages, ISBN 978-1-56395-503-7
Product Code: 243005 | Member Price: $58 | Nonmember Price: $75
DIGITAL EDITION: AABB Press, 2025
Product Code: 243005DB | Member Price: $58 | Nonmember Price: $75

Transfusion Medicine Self-Assessment and Review, 4th edition



Edited by Amy E. Schmidt, MD, PhD, and H. Cliff Sullivan, MD, F(ACHI)

Developed to be used with the *Technical Manual*, this popular resource helps trainees learn and review concepts in an examination format. This edition contains 900 new multiple-choice questions covering 18 topics in blood collection/transfusion and cellular therapies. Most explanations cover both correct and incorrect choices. New in this edition:

- Three new chapters—massive transfusion/ECMO, neonatal/pediatric issues, and lab management.
- Expansion of cellular therapy chapter to include biotherapies.
- Updated per 2023 ASFA indications for apheresis.
- Updated per 2023 FDA guidance on donor eligibility.
- "Bonus test" of random questions in realistic simulation.

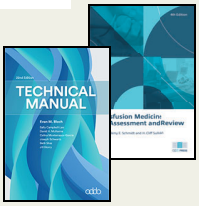
Transfusion Medicine Self-Assessment and Review will be of value in both the classroom and self-study settings.

PRINT EDITION: AABB Press, 2023, ISBN 978-1-56395-477-1
Product Code: 232040 | Member Price: $115 | Nonmember Price: $150
DIGITAL EDITION: AABB Press, 2023
Product Code: 232040DB | Member Price: $115 | Nonmember Price: $150

Together Again

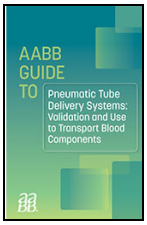
Buy a bundle and save!

Transfusion Medicine Self-Assessment and Review, 4th edition AND Technical Manual, 22nd edition



BOTH BOOKS: Product Code: 262916 |
Member Price: $257 | Nonmember Price: $376

AABB Guide to Pneumatic Tube Delivery Systems: Validation and Use to Transport Blood Components



By Julie Katz Karp, MD; Mary E. Harach, MT(ASCP), CQA(ASQ), SSGB; Monique Mohammed, MS, MT(ASCP)SBB; Roger Richard, MS, MT(AMT); Lynne Uhl, MD; and Julie van der Hoop, PhD for the Transfusion Medicine Section Coordinating Committee

Pneumatic tube delivery systems are an integral component of many blood banks and transfusion services. Reliance on their speed has grown and the software used to operate them has become highly sophisticated. Adequate staffing at receiving stations is an increasing concern, as is the overall system workload. This *Guide* details the "nuts and bolts" of system planning, opera-tion, and maintenance for facilities considering such a system, those needing to expand an existing system, those who are considering the use of an existing system not originally designed for transport of blood, or those wanting to increase the efficiency of their current operations.

PRINT EDITION: AABB, 2020, 31 pages, ISBN 978-1-56395-410-8
Product Code: 203045 | Member Price: $35 | Nonmember Price: $50
DIGITAL EDITION: AABB, 2020
Product Code: 203045DB | Member Price: $35 | Nonmember Price: $50

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