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PUBLICATIONS CATALOG

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Foreword

We're excited as can be to share with you all these new releases. Each one has been developed by AABB members who know you need high-quality resources in accessible formats to support your education and career advancement as you, in turn, support your donors and patients. These farflung colleagues, whom you may not have met face-to-face, have found the time to act on their inspiration to create stellar content for the AABB community. . . for you.

We hope you enjoy browsing this spring catalog and that you will stay tuned for more releases during the coming months.

Laurie Munk Publications Director, AABB

Table of Contents
Transfusion Reactions, 5th edition
Apheresis Principles and Practice, 4th edition, Vol 2: Collection of Blood Components by Apheresis
Standards for Cellular Therapy Services, 10th edition5
Guidance for Standards for Cellular Therapy Services, 10th edition5
AABB Guide to Pneumatic Tube Delivery Systems: Validation and Use to Transport Blood Components
Ordering Information 7
Publications Order Form 8
AABB Guide to Blood Recovery and Reinfusion in Surgery and Trauma
AABB Guide to Patient Blood Management and Blood Utilization
AABB Guide to Antibody Identification 12
AABB Guide to the Laboratory Evaluation of Transfusion Reactions
Circular of Information for the Use of Cellular Therapy Products



PRESS

Transfusion Reactions, 5th edition

Edited by Patricia M. Kopko, MD

Transfusion reactions vary widely in severity and symptomology, appearing **Transfusion** from minutes to weeks after starting the Reactions 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

Important features:

recipients.

- 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, 2021, illus, 732 pages, ISBN 9781563954139 Product Code: 212160 | Member price: \$155 | Nonmember price: \$195

DIGITAL EDITION: AABB, 2021

Product Code: 212160DB | Member price: \$155 | Nonmember price: \$195



Dedicated efforts and a collaborative spirit by all involved have modernized this "go-to" classic resource for transfusion professionals.

—Patricia M. Kopko, MD





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.

With the reorganization of this new edition into three separate volumes, Volume 2 focuses on the varied aspects of donor apheresis. Content on therapeutic apheresis and cellular therapy is found in the other volumes. Volume 1: Therapeutic Apheresis is already available. Release of Volume 3 on Apheresis in Cellular Therapy is expected later this year.

PRINT EDITION: AABB Press 2021, illus, ISBN 9781563954160 Product code: 212009 | Member price: \$95 | Nonmember price: \$130

DIGITAL EDITION: AABB Press 2021

Product code: 212009DB | Member price: \$95 | Nonmember price: \$130

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Because of the growth in areas where apheresis is applied, the 4th edition of *Apheresis Principles and Practice* is publishing in three stand-alone volumes on therapeutic apheresis, blood collections, and cellular therapies. This will allow more complete coverage of the expanding field and more timely updating of content.

-Jeffrey L. Winters, MD Editor in Chief





AA

Standards for Cellular Therapy Services, 10th edition (effective July 1, 2021)

Standards for Cellular Therapy Services sets forth the latest standards of practice for accredited cellular therapy services through quality as well as technical standards. New requirements in this edition include:

- New standards 1.5 and 1.5.1 require that accredited cellular therapy facilities perform assessments of risk related to the potential introduction of contamination.
- New standard 3.3 requires that equipment be used in accordance with manufacturer's written instructions.
- New standard 4.5.2.1 requires that accredited cellular therapy facilities identify vulnerable donor populations who would require access to a donor advocate prior to giving consent.
- New standards 5.14.7 and 5.14.7.1 detail the records a procurement facility must share with a processing facility, mirroring the requirements contained in standard 5.14.5.
- Standard 5.29.2 has been expanded to require policies, processes, and procedures to observe recipients for complications related to immune effector cellular therapy.
- New standard 5.30.1 requires clinical facilities to provide data to their chosen registry in a manner that is consistent and appropriate.

STANDARDS PORTAL: AABB, 2021, digital edition

Product code: 213110SP | Member Price: \$188 | Nonmember Price: \$273

PRINT EDITION: AABB, 2021, soft cover, 176 pages, ISBN 9781563954146 Product code: 213110 | Member Price: \$188 | Nonmember Price: \$273

PRINT AND PORTAL BUNDLE: Product code: 213223 | Member Price: \$300 | Nonmember Price: \$437

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PRINT AND GUIDANCE BUNDLE

Guidance for Standards for Cellular Therapy Services allows the reader to see the requirements in the CT Standards side by side with the associated guidance. Guidance highlights issues that may require additional context



and/or examples to assist users in attaining compliance. A bonus copy of the *CT Standards* is included.

PRINT AND GUIDANCE BUNDLE: Product Code: 213099 |

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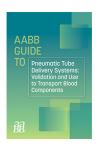
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AABB Guide to Pneumatic Tube Delivery Systems: Validation and Use to Transport Blood Components

By Julie Katz Karp, MD; Mary 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 the contemporary day-to-day functioning of many blood banks and transfusion medicine services. In recent years, reliance on their speed has increased 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. The AABB Guide to Pneumatic Tube Delivery Systems details the "nuts and bolts" of system planning, operation, and maintenance for facilities considering a pneumatic delivery system, those needing to expand an existing system, or those wanting to increase efficiency of operations. Highlights include:

- · Spill prevention and management.
- Templates for validation protocol and worksheets.
- Examining routes for environmental conditions hazardous to components.
- Contingency planning for, and rehearsal of, alternative methods during system shutdowns.
- · Training of staff.
- Current expectations and practice reflected in regulatory requirements.

This *Guide* will prove to be an invaluable resource for users who are looking ahead to future needs of their institutions.

PRINT EDITION: AABB, 2020, illus, 31 pages, ISBN 9781563954108 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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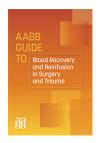
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AABB Guide to Blood Recovery and Reinfusion in Surgery and Trauma

By Richard R. Gammon, MD; Emily Coberly, MD; Alesia Kaplan, MD; Janine Shepherd, MLS^{CM}(ASCP)SBB

In just the past decade, 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, illus, 36 pages, ISBN 9781563954122 Product Code: 203002 | Member price: \$40 | Nonmember price: \$55

DIGITAL EDITION: AABB, 2020

Product code: 203002DB | Member Price: \$40 | Nonmember Price: \$55



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, CCRN; and Barbara Tubby, MT(ASCP)SBB, MSEd, for the Transfusion Medicine Section Coordinating Committee

Patient blood management (PBM), although practiced for decades, 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, illus, 60 pages, ISBN 9781563954115 Product Code: 203412 | Member price: \$50 | Nonmember price: \$70

DIGITAL EDITION: AABB, 2020

Product code: 203412DB | Member Price: \$50 | Nonmember Price: \$70



AABB Guide to Antibody Identification

Wen Lu, MD; Tony S. Casina, MT(ASCP)SBB; Sue 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

The identification of antibodies in patients with a reactive pretransfusion antibody detection test is a critical element of safety in blood transfusion. This instructive *AABB Guide to Antibody Identification* addresses three key areas: 1) routine testing and interpretation of the results, 2) additional testing, including guidance on what alternatives to use and when, and



- situations that call for unusual antibody testing.Examples of the detailed content 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, plasma vs serum, etc.
- And so much more!

With appendices containing case studies, useful examples of "ruling out," and a compilation of relevant regulatory and accreditation requirements—the scope and depth of the content will appeal to many facilities and technologists.

PRINT EDITION: AABB, 2021, soft cover, illus, ISBN 9781563954188 Product code: 213001 | Member Price: \$68 | Nonmember Price: \$98

DIGITAL EDITION: AABB, 2021

Product code: 213001DB | Member Price: \$68 | Nonmember Price: \$98

The AABB Guide to Antibody Identification is outstanding.
—Thomas Spitzer, MD

Nicely done.
—Patrick Ooley, MS, MT(ASCP),

Great job by the contributors!

—Susan Noone, MPH, CQA(ASQ)

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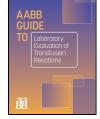
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AABB Guide to the Laboratory Evaluation of Transfusion Reactions

By Wen Lu, MD; J. Peter Pelletier, MD, MT(ASCP);
Kathleen Puca, MD; 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, soft cover, ISBN 9781563954214 Product code: 213030 | Member Price: \$45 | Nonmember Price: \$68

DIGITAL EDITION: AABB, 2021

Product code: 213030DB | Member Price: \$45 | Nonmember Price: \$68



Circular of Information for the Use of Cellular Therapy Products (2021)

The Circular of Information for the Use of Cellular Therapy Products (CT Circular) is intended to be an extension of the cellular therapy product label. It describes available products, modifications, indications, contraindications, dosage and administration, side effects, and hazards of cellular therapy products. It has been jointly prepared by the AABB Circular of Information for Cellular Therapy Products Task Force, which includes



a collaborative group of multiple nongovernmental organizations that represent the cellular therapy field. The US Food and Drug Administration and the Health Resources and Service Administration also participated in the development and review process.

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



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 2nd edition
- Transfusion Medicine: Key Concepts in a Changing World
- AABB Guide to Blood Warming
- Judd's Methods in Immunohematology, 4th edition
- Standards for Relationship Testing Laboratories, 15th edition

