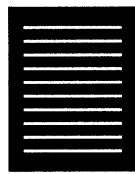

Preface



IT HAS BEEN AN HONOR AND A PRIVILEGE to have been asked by the AABB to work with a group of subject matter experts to create a publication explaining patient blood management (PBM) metrics. The goal of this book is to serve as a comprehensive source that details methods of data collection; metrics that can be used with patients before, during, and after their hospitalization; methods to analyze the data and trends; and finally concluding with how to present the data to showcase its importance to supporting a culture of PBM awareness.

While there have been reports of PBM being practiced in the 1950s and 1960s, it has come of age within the past decade. This has been, in part, driven by the development of sophisticated information technology (IT) systems. The evolution of widespread use of electronic health records allows large amounts of transfusion data, previously available only on paper, to be readily retrievable.

The authors have shared their experiences. Examples of what worked and what did not are provided. This publication is the product of those who truly believe in the value of PBM metrics. This publication will benefit anyone seeking to start or enhance their PBM program as the intent is to promote the journey from being a good PBM program to becoming a great one.

Richard R. Gammon, MD

About the Authors



Nanci L. Fredrich, RN, BSN, MM is a Transfusion Safety and Blood Management Officer at versiti. She has been in her position since 2007. Nanci received her Bachelor of Science in Nursing from Marian University in Wisconsin and her Master's in Management from the University of Phoenix.

She has more than 20 years of experience in critical care nursing, nursing education, and nursing management. Being a nurse was what she always wanted to do and it has turned out to be a great career with many opportunities. Nanci has published several articles and authored chapters in various books all related to blood product administration, transfusion reaction recognition, and the role of the Transfusion Safety Officer. She has presented at AABB's Annual Meeting and several nursing conferences as well as local meetings. Nanci has been a member of AABB since 2007 and has been a member of the Transfusion Safety and Patient Blood Management Subsection.

Richard R. Gammon, MD, is a subject matter expert in the area of patient blood management. His programs provide hospitals with current evidenced-based transfusion thresholds and management of the transfusion committee, and emphasize the importance of appropriate transfusions. Dr. Gammon holds Board Certifications in Blood Banking and Transfusion Medicine as well as Clinical

Pathology. He is a Medical Director for OneBlood and Transfusion Medicine Specialists and an Assistant Professor of Pathology for the University Of Central Florida College Of Medicine and a Clinical Associate Professor of Pathology at NOVA Southeastern University College of Allopathic Medicine.

He is co-chair of the Scientific and Technical Committee and an Education Committee member and PACE Administrator of the South Central Association of Blood Banks. He is a member of the Scientific Medical and Technical, Blood Bulletin, Grant, Employee Training and Development Committees, and Chair of the Journal Club for America's Blood Centers. Dr. Gammon serves as an AABB assessor, mentor, member of the CME Advisory and International Variances, Patient Blood Management Education Committees, bacterial contamination workgroup, and European Blood Alliance Working Group. He is chair of the AABB's Blood Banks and is chair of the Transfusion Service Standards Program Unit's Transfusion Medicine/Patient Blood Management subcommittee. He is a manuscript reviewer for the journals *Transfusion* and *Transfusion and Apheresis Science*, is Associate Editor in Immunohematology for *Lab Medicine*, and serves as a peer reviewer for *UpToDate*.

Cheryl A. Richards MT(ASCP)SBB is the Patient Blood Management and Transfusion Safety Coordinator for TriCore Reference Laboratories in New Mexico. She is responsible for standardizing processes and procedures to promote transfusion safety as well as meet accreditation/regulatory requirements.

She received her BS in Microbiology from Purdue University, Medical Technology from Georgia Baptist, and SBB from the Sacramento Blood Center. She has worked in various positions across the country in different technical, administrative, and consultative positions. She has given numerous talks on blood bank automation, transfusion reaction awareness, and regulatory awareness, presented posters at AABB's Annual Meeting on a variety of topics, and lectured at the University of New Mexico Medical Tech-

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nology program. She is an AABB/CAP Assessor and has over 30 years' experience in performing assessments.

She moved into the patient blood management area in 2012. While attending the Blood Systems Transfusion Safety training program, she recognized her passion for transfusion safety. This has now put her and one of the "her" hospitals on the path to Joint Commission Patient Blood Management Certification.

Robin Tauer, RN MHA, has been involved in oncology, microbiology, bone marrow transplant, and patient blood management. Hematopoiesis and its pathology would become the basis for a long career in bench and clinical research, as well as its applications to patient care.

She received her bachelor's degree in Microbiology at the University of Tennessee in Knoxville, TN. After graduation she joined the Oak Ridge Associated Universities researching the immunological effects of radiation and the possibility of bone marrow transplant to ameliorate those effects. She then worked as the first microbiologist, M(ASCP), at the newly opened Parkridge Hospital in Chattanooga, TN.

She earned her bachelor's degree in Nursing at DePauw University in Greencastle, IN. Highlights of her nursing career included clinical research in oncology and as a bone marrow transplant coordinator at the University of Tennessee Blood and Marrow Institute. While working St Jude Children's Research Hospital in Memphis, TN, she earned a master's degree in Health Administration.

A new discipline called Patient Blood Management became her passion when she started a program at Methodist University Hospital in Memphis. Transfusion safety was her focus during a year spent as a consultant with Strategic Healthcare in Indianapolis, IN. She then moved back to Chattanooga and started a PBM program at Erlanger Healthcare. The most satisfying parts of her career have been teaching and helping to disseminate the disciplines of patient health and safety.