

TOURNIQUETTING TRANSFUSION CONFERENCE

The Future of Patient Blood Management

February 21-23, 2022 | Orlando World Center Marriott | Orlando, FL



Monday, February 21, 2022		
6:45 – 8:15 AM	Breakfast & Exhibits	
7:00 – 7:50 AM	<u>Early Morning Lecture</u> Cutting Edge Science of Oxygen Transport and Delivery Kevin Ward, MD <i>*requires separate registration*</i>	
7:50 – 8:00 AM	Opening Remarks Bruce Spiess, MD	
8:00 – 9:00 AM	Keynote: The Importance of Blood Management on a World Stage Dr. Axel Hofmann	
9:00 – 9:30 AM	Historical Perspectives on Transfusion: Wars, Infectious Agents and the Pursuit of Safety Aryeh Shander, MD	
9:30 – 10:00 AM	Transfusion and PBM: As Quality Triple Aim Initiatives Bruce Spiess, MD	
10:00 – 10:30 AM	PBM in Military Medicine: Past, Present and Future Ryan Parker, MD, PhD and Arvin Trippensee, DO	
10:30 – 11:00 AM	Break & Exhibits	
11:00 – 11:45 AM	Breakout Sessions	
	Convalescent Plasma Marc Zumberg, MD	Immunosuppression of Blood Transfusion: Causes: biology, perioperative infection epidemiology, cancer recurrence, auto-immune phenomena, etc. Neil Blumberg, MD and Paul Crispen, MD
	Oxygen Therapeutics (Blood Substitutes): where are we, what went wrong, what is the future possibilities Bruce Spiess, MD and Aryeh Shander, MD	
11:45 – 1:30 PM	Lunch	
11:45 – 1:30 PM	Exhibits	
12:15 – 1:00 PM	Industry Supported Lecture <i>*not eligible for CME/CE credit*</i>	
1:30 – 3:00 PM	Breakout Sessions	
	Red Cell and Platelet Preservation Issues Peter Pelletier, MD, Neil Blumberg, MD, and Robert Maitta, MD, PhD	Cost Containment: Cost of Blood Transfusion Today, PBM Costs v. Returns, Cost V. Quality Aryeh Shander, MD, Marc Zumberg, MD, Chance Gray, MD, and Justin Deen, MD
	TRALI-TACO: Science and Causes, Frequency Prevalence, Efforts to Decrease/Reduce Impact Daryl Kor, MD, Amanda Frantz, MD, and Edward McGough, MD	
3:00 – 3:30 PM	Break & Exhibits	
3:30 – 4:30 PM	Unicorn Management: Considerations for AI Applications in Perioperative Transfusions Patrick Tighe, MD, MS	
4:30 – 5:00 PM	Exhibits	

TOURNIQUETTING TRANSFUSION CONFERENCE

The Future of Patient Blood Management

February 21-23, 2022 | Orlando World Center Marriott | Orlando, FL



Tuesday, February 22, 2022		
6:45 – 8:15 AM	Breakfast & Exhibits	
7:00 – 7:50 AM	<u>Early Morning Lecture</u> Antibodies, Inflammation Blood and Anemia Neil Blumberg, MD <i>*requires separate registration*</i>	
8:00 – 8:30 AM	Three Pillars of PBM – An Overview Dr. Axel Hofmann	
8:30 – 9:00 AM	Bloodless Medicine – Different than PBM Sherri Ozawa, RN	
9:00 – 9:30 AM	Patient Blood Management During a Pandemic Bruce Spiess, MD	
9:30 – 10:00 AM	Coagulation Management – A PBM Pillar Kevin Blaine, MD, MPH	
10:00 – 10:30 AM	Break & Exhibits	
10:30 – 11:45 AM	Breakout Sessions	
	Anemia: Causes, Chronic disease, Anemia treatment effectiveness as underlying pillar of PBM Daryl Kor, MD, Sherri Ozawa, RN, and Josh Sappenfield, MD	Intraoperative Techniques for PBM Jonathan Waters, MD, Kevin Blaine, MD, MPH, Abe DeAnda, Jr., MD, and Nik Gravenstein, MD
		Blood Transfusion Cost v. PBM: National, Local Cost Containments, Financing and Recovery of ROI Steve Frank, MD, Nick Algarra, MD, and Mary Jane Michael, RN, BSN, MS, CCRC
11:45 – 1:30 PM	Lunch	
11:45 – 1:30 PM	Exhibits	
12:15 – 1:00 PM	Industry Supported Lecture <i>*not eligible for CME/CE credit*</i>	
1:30 – 3:00 PM	Breakout Sessions	
	Construction and Conduct of a Successful Anemia Clinic Sherri Ozawa, RN, Josh Sappenfield, MD, Aryeh Shander, MD, and Mary Jane Michael, RN, BSN, MS, CCRC	Post-Operative ICU Techniques for PBM Edward McGough, MD, Brenda Fahy, MD, Joshua Carson, MD, and Amanda Frantz, MD
		Bleeding Patients/Coagulation Monitoring treatment and Algorithms for PBM enhancement Kevin Blaine, MD, MPH, Florian Falter, MD, Bruce Spiess, MD, Sherri Flax, MD, and Neil Harris, MD
3:00 – 3:30 PM	Break & Exhibits	
3:30 – 4:30 PM	Panel Discussion: Fresh Whole Blood v. Transfusion/Component/MTP therapy – what works, can it be done on a large scale? Peter Pelletier, MD and Joshua Carson, MD	

TOURNIQUETTING TRANSFUSION CONFERENCE

The Future of Patient Blood Management

February 21-23, 2022 | Orlando World Center Marriott | Orlando, FL



Wednesday, February 23, 2022		
6:45 – 8:15 AM	Breakfast & Exhibits	
7:00 – 7:50 AM	Early Morning Lecture Red cell Preservation Oxidative Stress and Frontiers of Cell Preservation Bruce Spiess, MD <i>*requires separate registration*</i>	
8:00 – 9:00 AM	Transfusion and PBM in the Emerging World Nathaniel Usoro, MD <i>International Lecturer via Zoom</i>	
9:00 – 9:30 AM	Blood and a Vital Homeland Security Need: Are we Prepared for 911 (Number 2) or Worse National Disaster – When Blood is not an Option Kevin Blaine, MD, MPH	
9:30 – 10:00 AM	PBM as a National Standard Steven Frank, MD	
10:00 – 10:30 AM	Transfusion Committees and Transfusion Safety Officers as methods for Change/part of a PBM Program Peter Pelletier, MD, Marc Zumberg, MD, and Robert Maitta, MD, PhD	
10:30 – 11:00 AM	Break & Exhibits	
11:00 – 11:45 AM	Breakout Sessions	
	Transfusion Medicine Challenges: Rare Blood Types, Alloimmunization, Emerging Pathogens, Shrinking Donor Pool Faisal Mukhtar, MD	The patient with recurrent Tx – Sickle cell, other anemias and iron overload problems Marc Zumberg, MD
		Pediatric Spine and Cranial Synostosis Nick Algarra, MD
11:45 – 1:15 PM	Lunch on Your Own	
11:45 – 1:15 PM	Exhibits	
12:15 – 12:45 PM	Industry Supported Lecture <i>*not eligible for CME/CE credit*</i>	
1:15 – 1:45 PM	Should PBM be for Every Patient? Should JW/Bloodless Medicine Patients (a minority) be treated any different than all others? William Allen, JD, MDiv, Dr. Axel Hofmann, Bruce Spiess, MD, and Sherri Ozawa, RN	
1:45 – 2:00 PM	Closing Remarks Bruce Spiess, MD	