

**CURRICULUM VITAE  
MARTIN A. SCHREIBER, MD  
UPDATED 02/16/2018**

**Personal Information**

Business Phone: (503) 494-6518  
Business Fax: (503) 494-6519  
Business Address: Trauma, Critical Care and Acute  
Care Surgery Division  
Oregon Health & Science University  
3181 SW Sam Jackson Park Road  
Mail Code L611  
Portland, OR 97239

**EDUCATION**

University of Chicago - Chicago, Illinois 1980-1984  
Bachelor of Arts - Chemistry

Case Western Reserve University - Cleveland, OH 1984-1988  
Medical Degree

**RESIDENCY TRAINING**

Surgical Internship - Madigan Army Medical Center Fort Lewis, WA 1988-1989  
Surgical Residency - University of Washington Seattle, WA 1989 - 1993  
Chief Residency - University of Washington Seattle, WA 1993 - 1994

**FELLOWSHIPS**

Trauma and Critical Care - University of Washington Seattle, WA 1994- 1995

**BOARD CERTIFICATION**

Federal Licensure Examination - 1989  
Qualifying Examination of the American Board of Surgery - 10/94  
Certifying Examination of the American Board of Surgery - 6/95  
Examination for Certification of Added Qualifications in Surgical Critical Care -  
10/96

**APPOINTMENTS**

Acting Instructor - Dept of Surgery, University of Washington, 7/94-6/95  
Assistant Professor of Surgery - Texas Tech University Health Science Center,  
3/96-10/99

Clinical Assistant Professor of Surgery - Uniformed Services University of the Health Sciences, 2/96-Present  
Assistant Professor of Surgery – Baylor College of Medicine, 10/99-11/01  
Professor of Surgery – Oregon Health & Science University, 7/08-Present  
Major United States Army Reserve 2004 – 2007  
Lieutenant Colonel United States Army Reserve 2007- 2012  
Colonel United States Army Reserve 2012 – Present  
Professor Physiology and Pharmacology – Oregon Health & Science University, 2014 – Present  
Senior Scientist in the OHSU Center for Regenerative Medicine under the Senior Vice President for Research, 2014 - Present

## **LICENSURE**

To Practice Medicine in the State of Oregon – MD23540

## **MILITARY TRAINING**

Army Officer Basic Course - Silas B. Hays Army Hospital Fort Ord, California 1985  
US ARMY Airborne Course - Fort Benning, GA 1986  
ATLS - Fort Sam Houston, TX 1989  
ATLS Instructor - Fort Carson, CO 1996  
ATLS Director - Fort Sam Houston, TX 1997  
ATLS State Faculty – WBAMC 1999  
Armed Forces Combat Casualty Care Course - Fort Sam Houston, TX 1989  
Instructor Bushmaster Course - Camp Bullis, TX 1996  
Combat Trauma Surgical Team - Ben Taub General Hospital September 1998  
Commander Combat Trauma Surgical Team – Ben Taub General Hospital February 1999

## **PROFESSIONAL SOCIETY MEMBERSHIPS**

Alpha Omega Alpha Honor Society  
American College of Surgeons - Fellow  
Washington State Chapter of the American College of Surgeons 1994-1995  
The Henry N. Harkins Surgical Society  
Associate Member of the American College of Surgeons Washington Committee on Trauma 1994-1995  
Member of Harborview Medical Center Trauma Council 1994-1995  
Eastern Association for the Surgery of Trauma  
American Association for the Surgery of Trauma  
American Trauma Society  
Association for Academic Surgery – Active Member  
Society of Critical Care Medicine  
The Shock Society

Oregon State Chapter of the American College of Surgeons  
President – Oregon Chapter of the Society of Critical Care Medicine 2003 – 2004  
Western Trauma Association  
Society of University Surgeons  
Secretary - Treasurer Portland Surgical Society 2004 - 2008  
Pacific Coast Surgical Association  
North Pacific Surgical Association  
President - Portland Surgical Society 2008 – 2009  
Society of Clinical Surgeons  
American Surgical Association  
Western Surgical Association

## **COMMITTEE MEMBERSHIPS**

Special Care Line Action Team - William Beaumont Army Medical Center 1995-1999  
Chief, Trauma Committee – William Beaumont Army Medical Center 1997-1999  
Human Use Subcommittee - William Beaumont Army Medical Center 1995-1999  
Institutional Animal Care and Use Committee – William Beaumont Army Medical Center 1995-1999  
Breast Cancer Prevention and Detection Action Team, Military Region VII 1995-1996  
Trauma Research Program - William Beaumont Army Medical Center 1996-1999  
Far West Texas and Southern New Mexico Regional Area Council on Trauma 1996-1999  
Chairman Hospital Audit Committee of the Far West Texas and Southern New Mexico Regional Area Council on Trauma 1997-1999  
Executive Board of the Far West Texas and Southern New Mexico Regional Area Council on Trauma 1997-1999  
Research Committee - R. E. Thomason General Hospital 1997-1999  
Military Combat Trauma Surgical Committee 1997-1999  
Publication Committee for Gary P. Wratten Surgical Symposium 1999  
Chairman, Trauma Morbidity and Mortality Committee Ben Taub General Hospital 1999 – 2001  
Trauma Executive Committee Ben Taub General Hospital 1999 – 2001  
Pharmacy and Therapeutic Committee Harris County Hospital District 1999 – 2001  
Southeast Texas Regional Advisory Committee 1999 – 2001  
Process Improvement Subcommittee of the Southeast Texas Trauma Regional Advisory Committee 1999 – 2001  
Chairman of the Grants Committee of the Southeast Texas Trauma Regional Advisory Committee 2000 – 2001  
Trauma Center Grant Steering Committee – Baylor College of Medicine 2000 – 2001  
Baylor College of Medicine’s Graduate Medical Education Committee 2000 – 2001

American College of Surgeons South Texas Committee on Trauma 2001 Member of the Policy on House Staff Review Subcommittee of the Baylor College of Graduate Medical Education Committee 2001  
Residency Internal Review Subcommittee of the Baylor College of Medicine's Graduate Medical Education Committee 2001  
Eastern Association for the Surgery of Trauma Practice Guideline Committee on Endpoints of Resuscitation 2001 – 2003  
Trauma Committee – Oregon Health & Science University 2002 – Present  
Trauma Peer Review Subcommittee - Oregon Health & Science University 2002 – Present  
Department of Surgery Peer Review Committee – Oregon Health & Science University 2002 - Present  
Eastern Association for the Surgery of Trauma Practice Guideline Committee on Hypothermia 2002 – 2004  
Oregon Committee on Trauma 2002 – Present  
Restraint and Seclusion Committee – Oregon Health & Science University 2002 – 2004  
ICU Executive Management Committee – Oregon Health & Science University 2002 – 2014  
Radiology Task Force Committee – Oregon Health & Science University 2003  
Faculty Senate – Oregon Health & Science University 2003 - 2006  
Data Safety Monitoring Board - Dr. Eileen Bulger, The Effect of Hypertonic Resuscitation for Blunt Trauma. IND Number: 10292 2003 - 2005  
Area Trauma Advisory Board One in Oregon 2003 - 2005  
Oregon State Trauma Advisory Board 2004 – Present  
Research Committee – Oregon Health & Science University 2004 – Present  
Sedation Oversight Committee - Oregon Health & Science University 2005 – 2007  
Eastern Association for the Surgery of Trauma Publications Committee 2005 – 2007  
Publications Committee - Western Trauma Association 2005 - 2007  
Steering Committee for the U.S. Army Institute of Surgical Research Clinical Trials Program, U.S. Army Medical Research and Materiel Command, Fort Detrick, Maryland 2005 - Present  
Eastern Association for the Surgery of Trauma Taskforce on Research Related Issues 2006 –2010  
State Chair for the Oregon Committee on Trauma 2006 – 2012  
American College of Surgeons Committee on Trauma 2006 – Present  
Transfusion Committee – Oregon Health & Science University 2006 – 2008  
American College of Surgeons Subcommittee on ATLS 2006 – Present  
Clinical Resource Management Committee – Oregon Health & Science University 2010 - Present  
American College of Surgeons Ad Hoc Committee on Trauma System Evaluation and Planning 2006 – Present  
8CSI Best Practice Committee – Oregon Health & Science University 2006 – 2009

Oregon State Trauma Advisory Board Legislative Subcommittee 2006 - Present  
Trauma Audit Group, Area Trauma Advisory Board 1 2006 – Present  
Dean’s Pathology Advisory Group – Oregon Health & Science University 2007  
Eastern Association for the Surgery of Trauma Military Committee 2007 – Present  
Chairman of the Eastern Association for the Surgery of Trauma Task Force on Research Related Issues 2008 – 2011  
American Association for the Surgery of Trauma Acute Care Surgery Committee 2009 – Present  
Western Trauma Association Program Committee 2009 – 2010  
OHSU Department of Surgery Promotion and Tenure Committee 2009 – Present  
Department of Surgery Quality Executive Committee 2008 – Present  
Eastern Association of Trauma Practice Management Guidelines Committee 2010 – 2011  
Promotion and Tenure Committee, Department of Surgery – Oregon Health & Science University 2010 – Present  
Clinical Resource Management Committee – Oregon Health & Science University 2010 - Present  
Eastern Association for the Surgery of Trauma – Nominations Committee 2011  
Chairman of the ICU Management Committee – Oregon Health & Science University 2011 – 2013  
American Association for the Surgery of Trauma Ad Hoc Educational Development/MOC Committee 2011 – 2013  
Chief, Region X Committee on Trauma 2012 – Present  
Western Trauma Association Board of Directors 2013 - 2016  
Trauma Center Association of America Board of Directors 2013 – Present  
Oregon District #1 Committee on Applicants of the American College of Surgeons 2014 – Present  
Board of Governors of the American College of Surgeons 2014 – Present  
Shock Society – Publications Committee, 2015 – Present  
Patient Blood Management Standards Committee, American Association of Blood Banks, 2016 – Present  
Committee on Surgical Combat Casualty Care, 2016 – Present  
Vice-Chair Grassroots Advocacy Engagement Workgroup, American College of Surgeons, Board of Governors, 2016 – 2017  
Chair Grassroots Advocacy Engagement Workgroup, American College of Surgeons, Board of Governors, 2017 – Present  
Chairman Military-Civilian Subcommittee, Trauma Center Association of America, 2017 – Present

## **POSITIONS HELD**

Chief, Dept of Surgery, Joint Task Force – Bravo Honduras, C.A. 1997  
Chief of Surgery 31st Combat Support Hospital 1998 - 1999  
General Surgery Staff- William Beaumont Army Medical Center, Medical

Director of the Surgical Intensive Care Unit and Chief of Trauma William  
Beaumont Army Medical Center 1995-1999  
General Surgery Staff – Ben Taub General Hospital 1999 - 2001  
Trauma Medical Director, Ben Taub General Hospital 1999 – 2001  
General Surgery Staff – Oregon Health & Science University 2002 - 2003  
Director of Surgical Critical Care, Oregon Health & Science University 2002 –  
2007  
Program Director of the Surgical Critical Care Fellowship, Oregon Health &  
Science University 2003 - 2010  
Surgeon - International Medical Surgical Team West 2004 - Present  
Chief of Trauma, 228<sup>th</sup> Combat Support Hospital – Tikrit, Iraq 2005  
Chief of Trauma and Surgical Critical Care, Oregon Health & Science University  
2007 – 2009  
Chief Division of Trauma, Critical Care and Acute Care Surgery, Oregon Health  
& Science University 2009 – Present  
Director of Adult ICUs, Oregon Health & Science University 2010 – 2014  
Director of the Joint Theater Trauma System, United States Central Command in  
Iraq and Afghanistan stationed in Bagram, Afghansitan 2010  
Surgeon, 932<sup>nd</sup> Forward Surgical Team, Shank, Afghanistan 2014

## **HONORS AND AWARDS**

High School - National Honor Society  
Undergraduate - Dean's List 1980 - 1984  
Graduated from University of Chicago With Honors 1984  
Effects of IL - 2 and IFN on Hepatic Metastases - American Cancer Society  
Student Fellowship 1988  
Lubrizol Award for Excellence in Patient Care - Case Western 1988  
Henry N. Harkins Award for Excellence in Preparation of the Annual Residents'  
Paper - Washington State Chapter of the ACS 1989  
Bulldog Award - Children's Hospital 1992  
Joint Service Commendation Award - Honduras 1997  
Army Achievement Medal - For being WBAMC's Project Officer for the Ben  
Taub Combat Trauma Surgical Training Program 1999  
Army Achievement Medal - Quality Improvement Award 1999  
Army Achievement Medal - For Patient Care 1999  
Meritorious Service Medal – For Establishing a Verified and Designated Level 2  
Trauma Center at William Beaumont Army Medical Center 1999  
National Leadership Award – Honorary Co-Chairman of The Physician's  
Advisory Board 2001  
Army Commendation Medal – For Service as Chief of Trauma of the 228<sup>th</sup> CSH  
Tikrit, Iraq 2005  
Iraqi Campaign Medal – For Service in Operation Iraqi Freedom 2005  
Army Reserve Medal with M device – For 10 years of service in the Army  
Reserves with Mobilization to Iraq 2005

American Association for the Surgery of Trauma Honorary Medal for Combat Surgical Care 2005  
Meritorious Unit Commendation Award – For Meritorious Service of the 228<sup>th</sup> Combat Support Hospital During Operation Iraqi Freedom III 2006  
Oregon Health & Science University Faculty Senate Certificate of Appreciation, In recognition of vision, leadership and support of the faculty 2006  
Veterans of Oregon Honorable Service Medal 2006  
Distinguished Faculty Award – Oregon Health & Science University Dept of Surgery 2007  
World Journal of Surgery Best Paper of 2007 – Coagulopathy: Its Pathophysiology and Treatment in the Injured Patient  
Portland Monthly Magazine Top Doctors 2010, 2012, 2013  
Non-Article 5 NATO Medal for Service with NATO in Relation to International Security Afghanistan Forces August 2010  
Afghanistan Campaign Medal in Recognition of Service in the Country of Afghanistan in Direct Support of Operation Enduring Freedom August 2010  
Global War on Terrorism Service Medal-For support of the Global War on Terrorism August 2010  
Joint Service Commendation Medal-For Meritorious Service Rendered During Operation Enduring Freedom August 2010  
Certificate of Achievement-Task Force 62 Medical-For Outstanding Performance while Serving as Director, Joint Theater Trauma System, United States Central Command in Iraq and Afghanistan August 2010  
The “A” Proficiency Designator in recognition outstanding qualification in the field of General Surgery and continued demonstration of exceptional professional ability June 2011  
Marquam Hill Faculty Teaching Award – Oregon Health & Science University, Department of Surgery 2011  
Professional Staff Chair’s Award for Outstanding Contributions to Development of Interdisciplinary Teams – Oregon Health & Science University 2011  
Inducted into The Order of Military Medical Merit for Distinguished Military Service September 2012  
Army Achievement Medal for meritorious service while serving as a Burn Surgeon at the US Army Institute of Surgical Research 2013  
Army Commendation Medal for exceptionally meritorious service as a General Surgeon while deployed in support of Operation Enduring Freedom June 2014  
Afghanistan Campaign Medal in Recognition of Service in the Country of Afghanistan in Direct Support of Operation Enduring Freedom June 2014  
Technology Transfer & Business Development Award for Oregon Procedure Quality Reporting System (OPQRS) and Healthcare Team Learning Management Platform October 2015  
Asmund S. Laerdal Memorial Lecture Award for Extensive Involvement in Resuscitation Research and Publishing. Society of Critical Care Medicine February 2016  
Journal of Trauma – Outstanding Reviewer Award, 2016  
Marquam Hill Distinguished Service Award – Oregon Health & Science University Dept of Surgery 2017

## **EDITORIAL BOARD MEMBERSHIPS**

Journal of Trauma and Acute Care Surgery  
Shock  
Current Trauma Reports  
PLOS Medicine

## **AD HOC REVIEWER FOR JOURNALS**

Critical Care Medicine  
Pediatric Blood and Cancer  
World Journal of Surgery  
Anesthesiology  
Journal of the American College of Surgeons  
Journal of Thrombosis and Hemostasis  
New England Journal of Medicine  
Resuscitation  
Critical Care  
Annals of Surgery  
American Journal of Surgery  
Transfusion  
Injury  
Plos One

## **INSTRUCTOR COURSES**

Advanced Trauma Life Support – National Faculty  
Definitive Surgical Trauma Care Course  
Stop the Bleed  
Fundamental Critical Care Support

## **REVIEWER FOR GRANTS**

American Institute of Biological Sciences

## **MEMBER DATA SAFETY MONITORING BOARD**

The Effect of Hypertonic Resuscitation for Blunt Trauma, Primary Investigator -  
Dr. Eileen Bulger, IND Number: 10292.

Chair DSMB, Control of Major Bleeding after Trauma (COMBAT) Study: A  
Prospective Randomized Comparison of Fresh Frozen Plasma Versus Standard  
Crystalloid Intravenous Fluid for Initial Resuscitation. Primary Investigator – Dr.  
Eugene Moore.



## **ONGOING RESEARCH SUPPORT**

HL-04-001, National Heart, Lung and Blood Institute (NHLBI) Daya (PI)

### **Portland Emergency Prehospital Investigative Consortium (EPIC)**

This is a multicenter trial designed to conduct a series of studies related to the initial management of trauma and cardiac arrest patients.

Role on Project: Trauma Primary Investigator (2004 – 2017)

U10 National Institutes of Neurological Disorders and Stroke (NINDS) Barsan (PI)

### **Brain Research/Acute Interventions: Neurological Emergencies Treatment Trial**

This is a multicenter project designed to perform pivotal trials evaluating therapeutics with the potential to improve outcomes after neurological emergencies.

Role on project: Co-Investigator (2009 – 2018)

US Army Medical Research Acquisition Activity ERMS #1333504

### **Prehospital Tranexamic acid Use for Traumatic Brain Injury**

This is a multi-center project designed to determine the efficacy of tranexamic acid in improving outcomes after traumatic brain injury.

Role on Project: Clinical Principle Investigator (2013 – 2018)

HHSN263210300003C National Institutes of Health (NIH)

### **Predictors of Post-Traumatic Stress Disorder**

This is a multi-center study that is designed to identify patients who are at risk for developing PTSD. This study includes an epigenetic component seeking to find biochemical markers predictive of the development of PTSD.

Role on Project: Primary Investigator (2013 – 2018)

US Army Medical Research Acquisition Activity W81XWH-14-2-0003 Gregory (PI)

### **Armed Forces Institute for Regenerative Medicine (AFIRM) II Program**

The goal of this study is determine the efficacy of infused bone marrow derived stem cells on regeneration of muscle tissue in patients with compartment syndrome.

Role on Project: Co-investigator (2014 – 2017)

U01 HL077863 National Heart Lung and Blood Institute (NHLBI) May (PI)

### **Prehospital Resuscitation on Helicopter Study**

This is a prospective, observational, multi-center trial designed to determine the benefits of delivering blood products in the pre-hospital setting during air transport. Air ambulances that carry blood products will be compared to those that do not.

Role on Project: Primary Investigator, OHSU (2014 – 2018)

Grifols Investigator Sponsored research

### **Is Anti-Thrombin III Deficiency Associated with Deep Vein Thrombosis in Surgical and Trauma Patients?**

This is a prospective observational study designed to determine if anti-thrombin III is associated with deep vein thrombosis in trauma patients.

Role on Project: Primary Investigator (2015 – 2018)

BA150560 US Army Medical Research Acquisition Activity

**Mesenchymal Stem Cells for the Prevention of Acute Respiratory Distress Syndrome after Pulmonary Contusion and Hemorrhagic Shock.**

The goal of this research is to determine if mesenchymal stem cells infused intravenously can prevent ARDS in a model of hemorrhagic shock and unilateral pulmonary contusion.

Role on Project: Principal Investigator (2016 – 2019)

DM160342 US Army Medical Research Acquisition Activity

**Prothrombin Complex Concentrate for Prolonged Field Care of War Casualties**

The purpose of this research is to determine if prothrombin complex concentrate can prevent ARDS in a swine model of hemorrhagic shock and pulmonary contusion.

Role on Project: Principal Investigator (2017 – 2020)

W81XWH-16-R-0033 Department of Defense, Joint Program Committee-6 Combat Casualty Care.

**Linking Investigations in Trauma and Emergency Services (LITES)**

The purpose of this research is to create a network of trauma centers to execute trauma research of interest to the Department of Defense.

Role on Project: Co-Principal Investigator (2016 – 2021)

RFA-NS-16-016 NIH

**Network for Emergency Care Clinical trials: Strategies to Innovate Emergency Care Clinical Trials Network (SIREN) – Network Clinical Center (HUB) (U24)**

This is a network of major medical centers designed to execute NIH funded trials in the areas of emergency medicine and trauma.

Role on Project: Trauma Principal Investigator (2017 – 2022)

**COMPLETED RESEARCH SUPPORT**

US Army Medical Research and Materiel Command DAMD17-01-1-0693  
1999-2001

**The Effect of Recombinant Factor VIIa and Fibrinogen on Bleeding from Grade V Liver Injuries in Coagulopathic Swine**

This study is designed to evaluate the efficacy of Factor VIIa in swine models of hemorrhagic shock.

Role on Project: Principal Investigator (1999 – 2001)

5 M01 RR00334 (GCRC-772)

**Coagulation Parameters after Splenectomy in Trauma Patients**

This study is designed to determine the effects of splenectomy on coagulation parameters both early after injury and at 6 weeks.

Role on Project: Principal Investigator (2005 – 2008)

Office of Naval Research

**The Characterization of a Novel Fibrinogen Hemostatic Agent in Animal Models**

This study is designed to test the efficacy of a novel fibrinogen agent in stopping bleeding from a rat liver injury.

Role on Project: Co-Investigator (2006 – 2008)

Entek Manufacturing, Inc.

**The Efficacy of a Novel Hemostatic Bandage for Control of Hemorrhage from a Severe Grade V Liver Injury in Swine.**

The purpose of this study is to test the efficacy of a new highly porous, silica based dressing in stopping bleeding from a Grade V Liver Injury in Swine

Role on Project: Primary Investigator (2006 – 2008)

SAM Medical

2009

**A Comparison of Hemostatic Dressings in a Severe Groin Injury Model in Swine**

The purpose of the proposed study is to perform a randomized controlled trial comparing Combat Gauze to Celox-Gauze to Celox-D to standard gauze for hemorrhage control of a severe groin injury created in Yorkshire crossbred swine

Role on Project: Principal Investigator (2009)

U. S. Army Medical Research and Materiel Command W81XWH-04-1-0104

**The Effect of Hypotensive Resuscitation and Fluid Type on Mortality, Bleeding, Coagulation and Dysfunctional Inflammation in a Swine Grade V Liver Injury Model**

The purpose of this study is to determine the optimal resuscitation strategy in terms of resuscitation endpoints and fluids in an uncontrolled hemorrhage model in swine.

Role on Project: Principal Investigator (2003 – 2011)

5 M01 RR00334 (GCRC-946)

**Can TEG be used in place of anti-factor Xa levels to assess enoxaparin levels in patients with co-morbidities?**

This project is designed to determine if thrombelastograms can be used to determine the effect of lovenox in a diverse patient population to include patients with renal failure and obesity

Role on Project: Principal Investigator (2005 – 2011)

U.S. Army Medical Research Acquisition Act W81XWH-08-C-0712 (subcontract)

**Prospective Observational Multicenter Massive Transfusion Study (PROMMTT)**

The purpose of this study is to observe and document clinical practice for major trauma patients admitted to the ED who are at risk of massive transfusion.

Role of project: Site Principal Investigator, Chairman of the Publication Committee (2009 – 2012)

US Air Force Material Command/AFMC FA8650-09-2-6047

**Efficacy and Safety of Frozen Blood for Transfusion in Trauma Patients**

The purpose of this study is to evaluate tissue oxygenation, nitric oxide, and morbidity and mortality with use of cryopreserved blood compared to standard blood.

Role of project: Principal Investigator (2009 – 2012)

Medical Research Foundation of Oregon

**Thrombelastography-Based Dosing of Enoxaparin for Thromboprophylaxis: A Prospective Randomized Trial**

This project is designed to determine if thrombelastograms can be used to determine the effect of lovenox in a diverse patient population to include patients with renal failure and obesity.

Role on project: Co-Investigator (2005 – 2012)

US Air Force Material Command/AFMC FA8650-10-2-6143

**Efficacy and Safety of Frozen Blood for Transfusion in Trauma Patients – A Multi-Center Trial**

The purpose of this study is to evaluate tissue oxygenation, nitric oxide, and morbidity and mortality with use of cryopreserved blood compared to standard blood at 6 clinical sites.

Role of project: Principal Investigator (2010 – 2014)

CORA/MED

**Trauma Equivalency Study of the CORA<sup>®</sup> and TEG<sup>®</sup> 5000 Systems**

The purpose of this study is to compare the novel CORA (Coagulation Resonance Analyzer) system with the standard commercially available TEG 5000 system in trauma patients with a broad variety of coagulopathies.

Role on Project: Primary Investigator (2015)

**Thrombelastography (TEG) Based Dosing of Enoxaparin for Thromboprophylaxis: A Prospective Randomized Trial**

This is a multicenter prospective randomized trial designed to determine if TEG based dosing of enoxaparin is superior to standard dosing with respect to a reduction of thromboembolic complications without an increase in bleeding complications. Role on Project: Principal Investigator (2011-2015)

U01 HL077863-06S2 National Institute of Health Lung and Blood Institute (NIHLBI) Holcomb (PI)

**Prospective, Randomized Optimal Platelet and Plasma Ratios (PROPPR)**

This is a multi-center project being performed in a prospective randomized format comparing the efficacy and safety of plasma, platelets and packed red blood cells given in a 1:1:1 ratio versus a 1:1:2 ratio.

Role on Project: Primary Investigator, OHSU (2011 – 2016)

1549586 National Science Foundation (NSF)

**Tissue Factor-Impregnated Dressing for Hemorrhage Control**

The goal of this research is to determine if the utilization of tissue factor as a procoagulant on gauze is superior to dressings currently in use for hemorrhage control.

Role on Project: Principal Investigator (2016)

## **Trauma/Critical Care Fellows Trained**

1. Samuel Rob Todd, MD 2002 - 2003
2. Danetta Sue Slone, MD 2002 - 2003
3. Jennifer Watters, MD 2004 - 2005
4. Miko Enomoto, MD 2004 – 2005
5. Bruce Ham, MD 2005 – 2006
6. Nicole Vanderhayden, MD PhD 2005 – 2006
7. Susan Rowell, MD 2006 – 2007
8. Laszlo Kiraly, MD 2006 – 2007
9. Arvin Gee, MD 2007 – 2008
10. David Shapiro, MD 2007 – 2008
11. Richard Nahouraii, MD 2008-2009
12. Stephanie Gordy, MD 2008-2009
13. Carrie Allison, MD 2008-2009
14. Michael Englehart, MD 2009-2010
15. Dan Anderson, MD 2009-2010
16. Mary Claire Sarff, MD 2009-2010

## **Laboratory Residents Mentored**

1. Jennifer Watters, MD 2003 - 2004
2. Rebecca Sawai, MD 2004 - 2005
3. Tracy Wiesberg, MD 2004 – 2005
4. Laszlo Kiraly, MD 2005 – 2006
5. Brandon Tieu, MD 2005 – 2007
6. Michael Englehart, MD 2005 – 2007
7. Arvin Gee, MD 2006 – 2007
8. Melanie Morris, MD 2006 – 2007
9. David Cho, MD 2006 – 2008
10. Carrie Hink, MD 2007 – 2008
11. Karen Zink, MD 2007 – 2008
12. Chitra Sambasivan, MD 2008 – 2009
13. Nicholas Spoerke, MD 2008 – 2009
14. Philbert Van, MD 2008 – 2010
15. Modjgan Keyghobadi, MD 2009 – 2010
16. Gordon Riha, MD 2010 – 2011
17. Nicholas Kunio, MD 2010 – 2011
18. Tim Lee, MD 2011 – 2013
19. Jeffrey Barton, MD 2011 – 2012
20. Loic Fabricant, MD 2011 – 2012
21. David Hampton, MD 2012 – 2013
22. Sean McCully, MD 2012 – 2014
23. Scott Louis, MD 2012 – 2013
24. Alexis Moren, MD 2013 – 2014

25. Kelly Fair, MD 2013 – 2014
26. David Martin, MD 2013 – 2015
27. Mackenzie Cook, MD 2013 – 2014
28. Vicente Undurraga, MD 2013 – 2015
29. Christopher Connelly, MD 2014 – 2015
30. Davis Yonge, MD 2014 – 2015
31. Justin Watson, MD 2014 - 2015
32. Aravind Bommasamy, MD 2015 – 2016
33. Brandon Behrens, MD 2016 – 2017
34. Sawyer Smith, MD 2016 - 2017

### **Laboratory Fellows and Post-Docs Mentored**

1. Gopal Singh, MD 2007 – 2008
2. Igor Kremenevskiy, MD, PhD 2008-2012
3. Dinh-Tuan Le, MD 2012
4. Belinda McCully, PhD 2012 -

### **PUBLICATIONS**

1. Samuels, R. **Schreiber MA**, Patel, N, Hemobilia After a Gunshot Injury to the Liver. American Journal of Radiology 1996; 166:1304.
2. **Schreiber MA**, Gentilello LM, Rhee P, Jurkovich GJ, Maier RV, Limiting Computed Tomography to Patients With Peritoneal Lavage Positive Results Reduces Cost and Unnecessary Celiotomies in Blunt Trauma. Arch Surg 1996; 131:954-959.
3. **Schreiber MA**, Gentilello LM, Rhee P, Jurkovich GJ, Maier RV, Blunt Trauma: Limiting CT to Patients with Peritoneal Lavage, Reducing Costs and Unnecessary Celiotomies. Chirurgia International 1997;4:14-16.
4. **Schreiber MA**, Pusateri AE, Veit BC, Smiley RA, Morrison CA, Harris A, Timing of Vaccination Does not Affect Antibody Response or Survival Following Pneumococcal Challenge in Splenectomized Rats. The Journal of Trauma 1998; 45:692-699.
5. Morrison CA, **Schreiber MA**, Olsen SB, Hetz SP, Acosta MM, Femoral Venous Flow Dynamics During Intraperitoneal and Preperitoneal Laparoscopic Insufflation. Surgical Endoscopy 1998; 12: 1213-1216.
6. Nessen S, Holcomb JB, Tonkinson B, Hetz SP, **Schreiber MA**, Early Laparoscopic Nissen Fundoplication for Recurrent Reflux Esophagitis: A Cost Effective Alternative to Omeprazole. Journal of the Society of Laparoscopic Surgery 1999; 3: 103-106.

7. Gerhardt RT, Stewart T, De Lorenzo RA, Gourley EJ, **Schreiber MA**, McGhee JS. Air Medical Transport by a US Army Air Ambulance Unit Under the Military Assistance to Safety and Traffic (MAST) Program in El Paso, Texas: A Cross-sectional Study and Program Review. *Prehospital Emergency Care* 2000;4:136-143.
8. Taylor SF, Kopchinski B, **Schreiber MA**, Singleton L,. Trauma Patient Outcome in an Army Deployable Medical Systems Environment Compared with a Medical Center. *Military Medicine*; 2000; 165:867-869.
9. Gourley EJ, **Schreiber MA**, Gerhardt RT, Stewart TR. Military Assistance to Safety and Traffic (MAST) Services in El Paso: A Retrospective Analysis. *Military Medicine*; 2000; 165:870-874.
10. Granchi TS, Schmittling ZC, Vasquez J, **Schreiber MA**, Wall MJ. Prolonged Use of Intraluminal Arterial Shunts Without Systemic Anticoagulation. *The American Journal of Surgery*; 2000; 180:493-497.
11. Aoiki N, Wall MJ, Demsar J, Zupan B, Granchi T, **Schreiber MA**, Holcomb JB, Byrne M, Liscum K, Goodwin G, Beck JR, Mattox K. Predictive Model for Survival at the Conclusion of a Damage Control Laparotomy. *The American Journal of Surgery*; 2000; 180:540-545.
12. **Schreiber MA**, Coburn M, Penetrating Pellet Injury of the Kidney Presenting with Complete Urinary Obstruction. *The Journal of Trauma*. 2001;50:1144-1146.
13. Gerhardt RT, Stewart T, De Lorenzo RA, McGhee JS, Gourley EJ, **Schreiber MA**. US Army Air Ambulance Operations in El Paso, Texas: A Descriptive Study and System Review. *Military Medicine*; 2001; 166:102-107.
14. **Schreiber MA**, Holcomb JB, Hedner U, Brundage SI, Macaitis JM, Hoots K. The Effect of Recombinant Factor VIIa on Coagulopathic Pigs with Grade V Liver Injuries. *Journal of Trauma*. 2002;53:252-259.
15. Brill SA, Stewart TR, Brundage SI, **Schreiber MA**. Base Deficit Does not Predict Mortality When it is Secondary to Hyperchloremic Acidosis. *Shock*. 2002;17:459-62.
16. **Schreiber MA**, Holcomb JB, Conaway CW, Campbell KD, Wall M, Mattox KL. Military Trauma Training Performed in a Civilian Trauma Center. *Journal of Surgical Research*. 2002;104:8-14.
17. **Schreiber MA**, Aoki N, Scott BG, Beck JR. Determinants of Mortality in Patients with Severe Blunt Head Injury. *Archives of Surgery*. 2002; 137:285-290.

18. Tyroch AH, Kaups KL, Lorenzo Manuel, Solis D, **Schreiber MA**. Routine Chest Radiograph is not Indicated After Open Tracheostomy: A Multi-center Perspective. *The American Surgeon*. 2002; 68:80-82.
19. **Schreiber MA**, Holcomb JB, Hedner U, Brundage SI, Macaitis JM, Aoki N, Meng ZH, Tweardy DJ, Hoots K. The Effect of Recombinant Factor VIIa on Non-Coagulopathic Pigs with Grade V Liver Injuries. *Journal of the American College of Surgeons*. 2003; 196:691-697.
20. Brundage SI, **Schreiber MA**, Holcomb JB, Zautke N, Mastrangelo MA, Xu XQ, Macaitis JM, Tweardy DJ. Amplification of the Pro-Inflammatory Transcription Factor Cascade Increases with Severity of Uncontrolled Hemorrhage in Swine. *Journal of Surgical Research*. 2003; 113:74-80.
21. **Schreiber MA**. Damage Control Surgery. *Critical Care Clinics*. 2004; 20:101-118.
22. Watters JM, Brundage SI, Todd SR, Zautke NA, Stefater JA, Lam JC, Muller PJ, Malinoski D, **Schreiber MA**. Resuscitation with Lactated Ringer's Does Not Increase Inflammatory Response in a Swine Model of Uncontrolled Hemorrhagic Shock. *Shock*. 2004; 22:283-287.
23. Brundage SI, Zautke NA, Watters JM, Stefater JA, Todd SR, Lam JC, **Schreiber MA**. Lactated Ringer's Does Not Increase Inflammation after Shock. 6th World Congress on Trauma, Shock, Inflammation and Sepsis. 2004; EC302C0210:151-155.
24. Tisherman SA, Barie P, Bokhari F, Bonadies J, Daley B, Eachempati S, Kurek S, Luchette F, Puyana JC, **Schreiber MA**, Simon R. Clinical Practice Guideline: Endpoints of Resuscitation. *Journal of Trauma*. 2004; 57:898-912.
25. **Schreiber MA**, Differding J, Thorborg P, Mayberry JC, Mullins RJ. Hypercoagulability is Most Prevalent Early After Injury and in Female Patients. *Journal of Trauma*. 2005; 58:475-481.
26. Dorlac WC, Debakey ME, Holcomb JB, Fagan SP, Kwong KL, Dorlac GR, **Schreiber MA**, Persse DE, Moore FA, Mattox KL. Mortality from Isolated Civilian Penetrating Extremity Injury. *Journal of Trauma*. 2005;59:217-222.
27. Macht M, Rizvi A, **Schreiber MA**, Wilson WS. Impalement with Spinal Cord Injury Requiring Intraoperative Division of a Reinforced Steel Bar. *European Journal of Trauma*. 2005;31:503-507.
28. Malinoski DJ, Todd SR, Slone S, Mullins RJ, **Schreiber MA**. Correlation of Central Venous and Arterial Blood Gas Measurement in mechanically Ventilated Trauma patients. *Archives of Surgery*. 2005;140:1122-1125.



29. **Schreiber MA**. Coagulopathy in the Trauma Patient. *Current Opinions in Critical Care*. 2005;11:590-597.
30. **Schreiber MA**, Holcomb JB, Rojkaer R. Preclinical Trauma Studies of Recombinant Factor VIIa. *Critical Care*. 2005; 9 Supplement 5:S25-S28.
31. Todd SR, Malinoski DJ, Muller PJ, **Schreiber MA**. Hextend Attenuates Hypercoagulability Following Severe Injury in Swine. *Journal of Trauma*. 2005;59:589-594.
32. McHenry TP, Mirza SK, Wang J, Wade CE, O'keefe GE, Dailey AT, **Schreiber MA**, Chapman JR. Risk factors for respiratory failure following operative stabilization of thoracic and lumbar spine fractures. *Journal of Bone and Joint Surgery of America*. 2006;88:997-1005.
33. Kiraly LN, Differding JA, Enomoto TM, Sawai RS, Muller PJ, Diggs B, Tieu BH, Englehart MS, Underwood S, Wiesberg TT, **Schreiber MA**. Resuscitation with Normal Saline (NS) vs. Lactated Ringers Modulates Hypercoagulability and Leads to Increased Blood Loss in an Uncontrolled Hemorrhagic Shock Swine Model. *Journal of Trauma*. 2006;61:57-65.
34. Watters JM, Tieu BH, Differding JA, Muller PJ, **Schreiber MA**. A Single Bolus of 3% Hypertonic Saline with 6% Dextran Provides Optimal Initial Resuscitation after Uncontrolled Hemorrhagic Shock. *Journal of Trauma*. 2006;61:75-81.
35. Watters JM, Tieu BH, Todd SR, Jackson T, Muller PJ, Malinoski DJ, **Schreiber MA**. Fluid Resuscitation Increases Inflammatory Gene Transcription Following Traumatic Injury. *Journal of Trauma*. 2006;61:300-309.
36. Malinoski DJ, Mullins RJ, **Schreiber MA**. Venous Blood Oxygen Saturation – Reply. *Archives of Surgery*. 2006;141:716.
37. Rizvi AZ, Slone DS, **Schreiber MA**. Modulation of the Coagulation Cascade Using Recombinant Factor VIIa and Activated Protein C in a Severely Injured Trauma Patient. *European Journal of Trauma*. 2006;32:399-403.
38. **Schreiber MA**. Invited Commentary, “Re: A Brief Overview of the Acute Respiratory Distress Syndrome”. *World Journal of Surgery*. 2006;30:1835.
39. Englehart M, **Schreiber MA**. Measurement of Acid Base Resuscitation Endpoints: Lactate, Base Deficit, Bicarbonate or What? *Current Opinion in Critical Care*. 2006;12:569-574.
40. Karmy-Jones R, Jurkovich GJ, Velmahos GC, Burdick T, Spaniolas K, Stodd SR, McNally M, Jacoby RC, Link D, Janczyk RJ, Ivascu FA, McCann M, Obeid F,

- Hoff WS, McQuay N Jr, Tieu BH, **Schreiber MA**, Nirula R, Brasel K, Dunn JA, Gambrell D, Huckfeldt R, Harper J, Schaffer KB, Tominaga GT, Vinces FY, Sperling D, Hoyt D, Coimbra R, Rosengart MR, Forsyth R, Cothren C, Moore EE, Haut ER, Hayanga AJ, Hird L, White C, Grossman J, Nagy K, Livaudais W, Wood R, Zengerink I, Korthbeek JB. Practice Patterns and Outcomes of Retrievable Vena Cava Filters in Trauma Patients. An AAST Multicenter Study. *Journal of Trauma*. 2007;62:17-25.
41. Holcomb JB, Jenkins D, Rhee P, Johannigman J, Mahoney P, Mehta S, Cox ED, Gehrke MJ, Beilman GJ, **Schreiber MA**, Flaherty SF, Grathwohl KW, Spinella PC, Perkins JG, Beekley AC, McMullin NR, Park MS, Gonzalez EA, Wade CE, Dubick MA, Schwab W, Moore FA, Champion HR, Hoyt DB, Hess JR. Damage Control Resuscitation: Directly Addressing the Early Coagulopathy of Trauma. *Journal of Trauma* 2007;62:307-310.
  42. Todd SR, Malinoski DJ, Muller PJ, **Schreiber MA**. Lactated Ringer's is Superior to Normal Saline in the Resuscitation of Hemorrhagic Shock. *Journal of Trauma*. 2007;62:636-639.
  43. Tieu BH, Holcomb JB, **Schreiber MA**. Coagulopathy: Its Pathophysiology and Treatment in the Injured Patient. *World Journal of Surgery*. 2007;31:1055-1065.
  44. Teh SH, Sheppard BC, Mullins RJ, **Schreiber MA**, Mayberry JC. Diagnosis and Management of Blunt Pancreatic Ductal Injury in the Era of High-Resolution Computed Axial Tomography. *American Journal of Surgery*. 2007;193:641-643.
  45. Perkins JG, **Schreiber MA**, Wade CE, Holcomb JB. Early Versus Late Recombinant Factor VIIa in Combat Trauma Patients Requiring Massive Transfusion. *Journal of Trauma*. 2007;62:1095-1101.
  46. **Schreiber MA**, Perkins J, Kiraly L, Underwood S, Wade C, Holcomb JB. Early Predictors of Massive Transfusion in Combat Casualties. *Journal of the American College of Surgeons*. 2007;205:541-545.
  47. **Schreiber MA**, Tieu B. Hemostasis in Operation Iraqi Freedom III. *Surgery*. 2007;142:S61-S66.
  48. **Schreiber MA**, Zink K, Underwood SA, Sullenberger L, Kelly M, Holcomb JB. A Comparison Between Patients Treated at a Combat Support Hospital in Iraq and a Level 1 Trauma Center in the United States. *Journal of Trauma*. 2008;64:S118-122.
  49. Gee AC, Sawaii RS, Differding J, Muller P, Underwood S, **Schreiber MA**. The Influence of Sex Hormones on Coagulation and Inflammation in the Trauma Patient. *Shock*. 2008;29:334-341.

50. **Schreiber MA**, Differding J, Esposito TJ. Research: Questions and Answers from Academic Trauma Surgeons. *Journal of Trauma*. 2008;64:1113-1118.
51. Morris MS, Gee AC, Cho SD, Limbaugh K, Underwood S, Ham B, **Schreiber MA**. Management and Outcome of Pneumatosis Intestinalis. *American Journal of Surgery*. 2008;195:679-683.
52. Kortbeck JB, Al Turki SA, Ali J, Antoine JA, Bouillon B, Brasel K, Brennehan F, Brink PR, Brohi K, Burris D, Burton RA, Chapleau W, Cioffi W, Collet e Silva Fde S, Cooper A, Cortes JA, Eskesen V, Fildes J, Gautam S, Gruen RL, Gross R, Hansen KS Henny W, Hollands MJ, Hunt RC, Jover Navalon JM, Kaufmann CR, Knudson P, Koestner A, Kosir R, Larsen CF, Livaudais W, Luchette F, MaoP, McVicker JH, Meredith JW, Mock C, Mori ND, Morrow C, Park SN, Pereira PM, Pogetti RS, Ravn J, Rhee P, Salamone JP, Schipper IB, Schoettker P, **Schreiber MA**, Smith RS, Svendsen LB, Taha W, van Wijnagaarden-Stephens M, Varga E, Voiglio EJ, Williams D, Winchell RJ, Winter R. Advanced Trauma Life Support, 8<sup>th</sup> Edition, The Evidence for Change. *Journal of Trauma*. 2008;64:1638-1650.
53. Holcomb JB, Wade CE, Michalek JE, Chisholm GB, Zarzabal LA, **Schreiber MA**, Gonzalez EA, Pomper GJ, Perkins JG, Spinella PC, Williams KL, Park MS. Increased Plasma and Platelet to Red Blood Cell Ratios Improves Outcome in 466 Massively Transfused Civilian Trauma Patients. *Annals of Surgery*. 2008;248:447-458.
54. Englehart MS, Allison CE, Tieu BH, Kiraly LN, Underwood SA, Muller PJ, Differding JA, Sawai RS, Karahan A, **Schreiber MA**. Ketamine-based Total Intravenous Anesthesia Versus Isoflurane Anesthesia in a Swine Model of Hemorrhagic Shock. *Journal of Trauma*. 2008;65:901-908.
55. Englehart MS, Cho SD, Tieu BH, Morris MS, Underwood SA, Karahan A, Muller PJ, Differding JA, Farrell DH, **Schreiber MA**. A Novel Highly Porous Silica and Chitosan-based Hemostatic Dressing is Superior to HemCon and Gauze Sponges. *Journal of Trauma*. 2008;65:884-890.
56. Tieu BH, ChoSD, Luem N, Riha G, Mayberry J, **Schreiber MA**. The use of the Wittmann Patch Facilitates a High Rate of Fascial Closure in Severely Injured Trauma Patients and Critically Ill Emergency Surgery Patients. *Journal of Trauma*. 2008;65:865-870.
57. Shuja F, Shults C, Duggan M, Tabbara M, Butt MU, Fischer TH, **Schreiber MA**, Tieu B, Holcomb JB, Sondeen JL, Demoya M, Velmahos GC, Alam HB. Development and Testing of Freeze-dried Plasma for the Treatment of Trauma-associated Coagulopathy. *Journal of Trauma*. 2008;65:975-985.
58. Cho SD, Holcomb JB, Tieu BH, Englehart MS, Morris MS, Karahan ZA, Underwood SA, Muller PJ, Prince MD, Medina L, Sondeen J, Shults C, Duggan

- M, Tabbara M, Alam HB, **Schreiber MA**. Reproducibility of an Animal Model Simulating Complex Combat-Related Injury in a Multiple-Institution Format. *Shock*. 2009;31:87-96.
59. Sambasivan CN, Cho SD, Zink KA, Differding JA, **Schreiber MA**. A Highly Porous Silica and Chitosan-Based Hemostatic Dressing is Superior in Copntrolling Hemorrhage in a Severe Groin Injury Model in Swine. *American Journal of Surgery*. 2009;197:576-580.
60. Zink KA, Sambasivan CN, Holcomb JB, Chisholm G, **Schreiber MA**. A High Ratio of Plasma and Platelets to Packed Red Blood Cells in the First 6 Hours of Massive Transfusion Improves Outcomes in a Large Multicenter Study. *American Journal of Surgery*. 2009;197:565-570.
61. Phillips CR, Vinecore K, Hagg DS, Sawai RS, Differding JA, Watters JM, **Schreiber MA**. Resuscitation of Hemorrhagic Shock with Normal Saline vs Lactated Ringer's: Effects on Oxygenation, Extravascular Lung Water, and Hemodynamics. *Critical Care*. 2009;13:R30. [Epub]
62. Englehart MS, Cho SD, Morris MS, Gee AC, Riha G, Underwood SJ, Differding JA, Luem ND, Wiesberg TT, Boshkov LK, **Schreiber MA**. Use of Leukoreduced Blood does not Reduce Infection, Organ Failure, or Mortality Following Trauma. *World Journal of Surgery*. 2009;33:1626-1632.
63. Biffl WL, Kaups KL, Cohthren C, Brasel KJ, Dicker RA, Bullard MK, Haan JM, Jurkovich GJ, Harrison P, Moore FO, **Schreiber M**, Knudson MM, Moore EE. Management of Patients with Anterior Abdominal Stab Wounds: A Western Trauma Association Multicenter Trial. *Journal of Trauma*. 2009;66:1294-1301.
64. Van PY, Cho SD, Underwood SJ, Morris MS, Watters JM, **Schreiber MA**. Thrombelastography versus AntiFactor Xa Levels in the Assessment of Prophylactic-dose Enoxaparin in Critically Ill Patients. *Journal of Trauma*. 2009;66:1509-1515.
65. Kiraly LN, Underwood S, Differding JA, **Schreiber MA**. Transfusion of Aged Packed Red Blood Cells Results in Decreased Tissue Oxygenation in Critically Injured Trauma Patients. *Journal of Trauma*. 2009;67:29-32.
66. Newgard CD, Rudser K, Atkins DL, Berg R, Osmond MH, Bulger EM, Davis DP, **Schreiber MA**, Warden C, Rea TD, Emerson S; ROC Investigators. The Availability and Use of Out-of-Hospital Physiologic Information to Identify High-Risk Injured Children in a Multi-Site Population-Based Cohort. *Prehospital Emergency Care*. 2009;13:420-431.
67. Sambasivan CN, **Schreiber MA**. Emerging Therapies in Traumatic Hemorrhage Control. *Current Opinion in Critical Care*. 2009; 15:560-568.

68. Spoerke N, Zink K, Cho SD, Differding J, Muller P, Karahan A, Sondeen J, Holcomb JB, **Schreiber MA**. Lyophilized Plasma for Resuscitation in a Swine Model of Severe Injury. *Archives of Surgery*. 2009;144:829-834.
69. Alam HB, Bice LM, Butt MU, Cho SD, Dubick MA, Duggan M, Englehart MS, Holcomb JB, Morris MS, Prince MD, **Schreiber MA**, Shults C, Sondeen JL, Tabbara M, Tieu BH, Underwood SA; Hemostatic Resuscitation Research Group. Testing of Blood Products in a Polytrauma Model: Results of a Multi-Institutional Randomized Pre-clinical Trial. *Journal of Trauma*. 2009;67:856-864.
70. Morris M, **Schreiber MA**, Ham B. Novel Management of Closed Degloving Injuries. *Journal of Trauma*. 2009;67:E121-E123.
71. Cox ED, **Schreiber MA**, McManus J, Wade CE, Holcomb JB. New Hemostatic Agents in the Combat Setting. *Transfusion*. 2009;49 Suppl 5:248S-255S.
72. Bromberg WJ, Collier BC, Diebel LN, Dwyer KM, Holevar MR, Jacobs DG, Kurek SJ, **Schreiber MA**, Shapiro ML, Vogel TR. Blunt Cerebrovascular Injury Practice Management Guidelines: The Eastern Association for the Surgery of Trauma. *Journal of Trauma*. 2010;68:471-477.
73. Newgard CD, Rudser K, Hedges JR, Kerby JD, Stiell IG, Davis DP, Morrison LJ, Bulger E, Terndrup T, Minei JP, Bardarson B, Emerson S; **ROC Investigators**. A Critical Assessment of the Out-Of-Hospital Trauma Triage Guidelines for Physiologic Abnormality. *Journal of Trauma*. 2010;68:452-462.
74. Cho SD, Kiraly LN, Flaherty SF, Herzig DO, Lu KC, **Schreiber MA**. Management of Colonic Injuries in the Combat Theater. *Diseases of the Colon and Rectum*. 2010;53:728-734.
75. Spoerke N, Underwood S, Differding J, Van P, Sambasivan C, Shapiro D, **Schreiber M**. Effects of Ethanol Intoxication and Gender on Blood Coagulation. *Journal of Trauma*. 2010;68:1106-1111.
76. Watters JM, Sambasivan, Zink K, Kremenevskiy I, Englehart MS, Underwood SJ, **Schreiber MA**. Splenectomy Leads to a Persistent Hypercoagulable State after Trauma. *The American Journal of Surgery*. 2010;199:646-651.
77. Minei JP, Schmicker RH, Kerby JD, Stiell IG, **Schreiber MA**, Bulger E, Tisherman S, Hoyt DB, Nichol G; the ROC Investigators. Severe Traumatic Injury: Regional Variation in Incidence and Outcome. *Annals of Surgery*. 2010;252:149-157.

78. Van PY, Sambasivan CN, Wade CE, Jones JA, Holcomb JB, **Schreiber MA**, Blackbourne LH. High Transfusion Ratios are not Associated with Increased Complication Rates in Patients with Severe Extremity Injuries. *Journal of Trauma*. 2010;69:Suppl 1:S64-68.
79. Sambasivan CN, Underwood SJ, Cho SD, Kiraly LN, Hamilton GJ, Kofoed JT, Flaherty SF, Dorlac WC, **Schreiber MA**. Comparison of Abdominal Damage Control Surgery in combat Versus Civilian Trauma. *Journal of Trauma*. 2010;69 Suppl 1:S168-S174.
80. Kiraly L, **Schreiber M**. Management of the Crushed Chest. *Critical Care Medicine*. 2010;38(9 Supplement):S469-477.
81. **Schreiber MA**. Invited Critique: Is Transfusion of ABO-Compatible Nonidentical Plasma Truly Associated with an Increased Risk of Complications? *Archives of Surgery*. 2010;145:906.
82. Bulger EM, May S, Brasel KJ, **Schreiber MA**, Kerby JD, Tisherman SA, Newgard C, Slutsky A, Combra R, Emerson S, Minei JP, Bardarson B, Kudenchuk P, Baker A, Christenson J, Idris A, Davis D, Fabian TC, Aufderheide TP, Callaway C, Williams, Banek J, Vaillancourt C, van Heest R, Sopko G, Hata JS, Hoyt DB, ROC Investigators. Out-of-Hospital Hypertonic Resuscitation Following Severe Traumatic Brain Injury. *JAMA*. 2010;304:1455-1464.
83. Spoerke NJ, Van PY, Differding JA, Zink KA, Cho SD, Muller PJ, Karahan ZA, Sondeen JL, Holcomb JB, **Schreiber MA**. Red Blood Cells Accelerate the Onset of Clot Formation in Polytrauma and Hemorrhagic Shock. *Journal of Trauma*. 2010;69:1054-1061.
84. Gordy SD, Rhee P, **Schreiber MA**. Military Applications of Novel Hemostatic Devices. *Expert Review of Medical Devices*. 2010;8:41-47.
85. Moore EE, Knudson MM, Burlew CC, Inaba K, Dicker RA, Biffl WL, Malhotra AK, **Schreiber MA**, Browder TD, Coimbra R, Gonzalez EA, Meredith JW, Livingston DH, Kaups KL; the WTA Study Group. Defining the Limits of Resuscitative Emergency Department Thoracotomy: A Contemporary Western Trauma Association Perspective. *Journal of Trauma*. 2011;70:334-339.
86. Bulger EM, May S, Kerby JD, Emerson S, Stiell IG, **Schreiber MA**, Brasel KJ, Tisherman SA, Combra R, Rizoli S, Minei JP, Hata JS, Sopko G, Evans DC, Hoyt DB; for the ROC investigators. Out-of-Hospital Hypertonic Resuscitation After Traumatic Hypovolemic Shock: A Randomized, Placebo Controlled Trial. *Annals of Surgery*. 2011;253:431-441.

87. Holcomb JB, Weiskopf R, Champion H, Gould SA, Sauer RM, Brasel K, Bochicchio G, Bulger E, Cotton BA, Davis D, Dutton R, Hauser CJ, Hess JR, Hides GA, Knudson P, Mackenzie E, McGinnis RL, Michalek J, Moore FA, Omert L, Pollock BH, Tortella B, Sugarman J, **Schreiber MA**, Wade CE. Challenges to Effective Research in Acute Trauma Resuscitation: Consent and Endpoints. *Shock*. 2011;35:107-113.
88. Van PY, Riha GM, Cho SD, Underwood SJ, Hamilton GJ, Anderson R, Ham B, **Schreiber MA**. Blood Volume Analysis can Distinguish True Anemia from Hemodilution in Critically Ill Patients. *Journal of Trauma*. 2011;70:646-651.
89. Differding JA, Underwood SJ, Van PY, Khaki RA, Spoerke NJ, **Schreiber MA**. First Place Residents' Competition: Trauma Induces a Hypercoagulable State That is Resistant to Hypothermia as Measured by Thrombelastogram. *American Journal of Surgery*. 2011;201:585-589.
90. **Schreiber MA**. The Use of Normal Saline for Resuscitation in Trauma. *Journal of Trauma*. 2011;70:S13-S15.
91. McSwain NE, Champion HR, Fabian TC, Hoyt DB, Wade CE, Eastridge BJ, Rasmussen TE, Roussel RR, Butler FK, Holcomb JB, **Schreiber MA**, Shackford SR, Blackburne LH. State of the Art of Fluid Resuscitation 2010: Prehospital and Immediate Transition to the Hospital. 2011;70:S2-S10.
92. Zink KA, Mayberry JC, Peck EG, **Schreiber MA**. Lidocaine Patches Reduce Pain in Trauma Patients with Rib Fractures. *American Surgeon*. 2011;77:438-442.
93. Watters JM, Van PY, Hamilton GJ, Sambasivan C, Differding JA, **Schreiber MA**. Advanced Hemostatic Dressings are not Superior to Gauze for Care Under Fire Scenarios. *Journal of Trauma*. 2011;70:1413-1419.
94. Mayberry J, Fabricant L, Anton A, Ham B, **Schreiber M**, Mullins R. Management of Full-thickness Duodenal Laceration in the Damage Control Era: Evolution to Primary Repair Without Diversion or Decompression. *American Surgeon*. 2011;77:681-685.
95. Van PY, Hamilton GJ, Kremenevskiy IV, Sambasivan C, Spoerke NJ, Differding JA, Watters JM, **Schreiber MA**. Lyophilized Plasma Reconstituted with Ascorbic Acid Suppresses Inflammation and Oxidative DNA Damage. *Journal of Trauma*. 2011;71:20-25.
96. King DR, **Schreiber MA**. The mRDH Bandage Provides Effective Hemostasis in Trauma and Surgical Hemorrhage. *Journal of Trauma*. 2011;71(2 Supplement):S167-S170.

97. Hamilton GJ, Van PY, Differding JA, Kremenevskiy IV, Spoerke NJ, Sambasivan C, Watters JM, **Schreiber MA**. Lyophilized Plasma with Ascorbic Acid Decreases Inflammation in Hemorrhagic Shock. *Journal of Trauma*. 2011;71:292-298.
98. Sambasivan CN, Kunio NR, Nair PV, Zink KA, Michalek JE, Holcomb JB, **Schreiber MA** and the Trauma Outcomes Group. High Ratios of Plasma and Platelets to Packed Red Blood Cells do not Affect Mortality in Nonmassively Transfused Patients. *Journal of Trauma*. 2011;71:S329-S336.
99. Brown LM, Call MS, Knudson MM, Cohen MJ, **Trauma Outcomes Group**. A Normal Platelet count May not be Enough: The Impact of Admission of Admission Platelet Count on Mortality and Transfusion in Severely Injured Trauma Patients. *Journal of Trauma*. 2011;71(2 Suppl 3):S337-S342.
100. Spinella PC, Wade CE, Blackburne LH, Borgman MA, Zarzabal LA, Du F, Perkins JG, Maegele M, **Schreiber M**, Hess JR, Jastrow KM, Gonzalez EA, Holcomb JB, Kozar R, and the Trauma Outcomes Group. The Association of Blood Component Use Ratios with the Survival of Massively Transfused Trauma Patients with and without Severe Brain Injury. *Journal of Trauma*. 2011;71:S343-S352.
101. Rowell SE, Barbosa RR, Diggs BS, **Schreiber MA** and the Trauma Outcomes Group. Effect of High Product Ratio massive Transfusion on Mortality in Blunt and Penetrating Trauma Patients. *Journal of Trauma*. 2011;71:S353-S357.
102. Barbosa RR, Rowell SE, Diggs BS, **Schreiber MA** and the Trauma Outcomes Group. Profoundly Abnormal Initial Physiologic and Biochemical Data cannot be Used to Determine Futility in Massively Transfused Trauma Patients. *Journal of Trauma*. 2011;71:S364-S39.
103. Barbosa RR, Rowell SE, Sambasivan CN, Diggs BS, Spinella PC, **Schreiber MA** and The Trauma Outcomes Group. A Predictive Model for Mortality in Massively Transfused Trauma patients. *Journal of Trauma*. 2011;71:S370-S374.
104. Rowell SE, Barbosa RR, Allison CE, Van PY, **Schreiber MA** and the Trauma Outcomes Group. Gender-Based Differences in Mortality in Response to High Product Ratio Massive Transfusion. *Journal of Trauma*. 2011;71:S375-S379.



105. Spoerke N, Michalek J, **Schreiber M** and the Trauma Outcomes Group. Crystalloid Resuscitation Improves Survival in Trauma Patients Receiving Low Ratios of Fresh Frozen Plasma to Packed Red Blood Cells. *Journal of Trauma*. 2011;71:S380-S383.
106. Rowell SE, Barbosa RR, Diggs BS, **Schreiber MA** and the Trauma Outcomes Group. Specific Abbreviated Injury Scale Values are Responsible for the Underestimation of Mortality in Penetrating Trauma Patients by the Injury Severity Score. *Journal of Trauma*. 2011;71:S384-S388.
107. **Schreiber MA**, Hole in the Heart: Is an Echocardiogram Really Indicated 1 Month Later? Comment on "Postdischarge Complications after Penetrating Cardiac Injury. *Archives of Surgery*. 2011;146:1066-1067.
108. **Schreiber MA**, Neveleff DJ. Achieving Hemostasis with Topical Hemostats: Making Clinically and Economically Appropriate Decisions in the Surgical and Trauma Settings. *Association of Perioperative Registered Nurses Journal*. 2011;94:S1-S20.
109. Reinier K, Thomas E, Andrusiek DL, Aufderheide TP, Brooks SC, Calaway CW, Pepe PE; **Resuscitation Outcomes Consortium Investigators**. Socioeconomic Status and Incidence of Sudden Cardiac Arrest. *Canadian Medical Association Journal*. 2011;183:1705-1712.
110. Riha GM, Kunio NR, Van PY, Hamilton GJ, Anderson R, Differding JA, **Schreiber MA**. Hextend and 7.5% Hypertonic Saline with Dextran are Equivalent to Lactated Ringer's in a Swine Model of Initial Resuscitation of Uncontrolled Hemorrhagic Shock. *Journal of Trauma*. 2011;71:1755-1760.
111. Sambasivan CN, Underwood SJ, Kuehn RB, Cho SD, Kiraly LN, Hamilton GJ, Flaherty SF, Dorlac WC, **Schreiber MA**. Management and Outcomes of Traumatic Colon Injury in Civilian and Military Patients. *American Surgeon*. 2011;77:1685-1691.
112. **Schreiber MA**. The Beginning of the End for Damage Control Surgery. *British Journal of Surgery*. 2012;99(Suppl 1):10-11.
113. Rahbar MH, Fox EE, del Junco DJ, Cotton BA, Podbielski JM, Matijevec N, Cohen MJ, **Schreiber, MA**, Zhang J, Mirhaji P, Duran SJ, Reynolds RJ, Benjamin-Garner R, Holcomb JB, The PROMMT Investigators. Coordination and Management of Multicenter Clinical Studies in Trauma: Experience from the Prospective Observational Multicenter Major Trauma Transfusion (PROMMT) Study. *Resuscitation*. 2012;83:459-464.

114. Kunio NR, Differding JA, Watson KM, Stucke RS, **Schreiber MA**. Thrombelastography-identified Coagulopathy is Associated with Increased Morbidity and Mortality after Traumatic Brain Injury. *American Journal of Surgery*. 2012;203:584-588.
115. Riha GM, Van PY, Differding JA, **Schreiber MA**; The Oregon Health & Science University Research Group. Incidence of Deep Vein Thrombosis is Increased with 30 mg Twice Daily Dosing of Enoxaparin Compared with 40 mg Daily. *American Journal of Surgery*. 2012;203:593-602.
116. Nakamura Y, Daya M, Bulger EM, **Schreiber M**, Mackersie R, Hsia RY, Mann NC, Holmes JF, Staudenmayer K, Sturges Z, Liao M, Haukoos J, Kupperman N, Barton ED, Newgard CD, and the Western Investigators. Evaluating Age in the Field Triage of Injured Persons. *Annals of Emergency Medicine*. 2012; 60::335-345.
117. **Schreiber MA**. The Death of Another Sacred Cow: Comment on “Radiologic Evaluation of Alternative Sites for Needle Decompression of Tension Pneumothorax”. *Archives of Surgery*. 2012;147:818-819.
118. Gruen RL, Brohi K, **Schreiber M**, Balogh ZJ, Pitt V, Narayan M, Maier RV. Haemorrhage Control in Severely Injured Patients. *Lancet*. 2012;380:1099-1108.
119. Weisbrod AB, Rodriguez C, Bell R, Neal C, Armonda R, Dorlac W, **Schreiber M**, Dunne JR. Long-term Outcomes of Combat Casualties Sustaining Penetrating Traumatic Brain Injury. *Journal of Trauma*. 2012; 73:1523-1528.
120. Mastracci TM, Bhandari M, Mundi R, Rizole SB, Nascimento BA, **Schreiber M**, Evidence-Based Reviews in Surgery Group. Operative Blood Loss, Blood Transfusion and 30-day Mortality in Older Patients after Major Noncardiac Surgery. *Canadian Journal of Surgery*. 2012;55:426-428.
121. DuBose, J, Rodriguez C, Martin M, Nunez T, Dorlac W, King D, **Schreiber M**, Vercruysse G, Tien H, Brooks A, Tai N, Midwinter M, Eastridge B, Holcomb J, Pruitt B and The Eastern Association for the Surgery of Trauma Military Ad Hoc Committee. Preparing the Surgeon for War: Present Practices of US, UK and Canadian Militaries and Future Directions for the US Military. *Journal of Trauma*. 2012;73:S423-S430.
122. Calcut RA, Cotton BA, Muskat P, Fox EE, Wade CE, Hocomb JB, **Schreiber MA**, Rahbar MH, Cohen MJ, Knudson MM, Brasel KJ, Bulger EM, Del Junco DJ, Myers JG, Alarcon LH, Robinson BR; on Behalf of the PROMMTT Study Group. Defining When to Initiate Massive Transfusion: A

- Validation Study of Individual Massive Transfusion Triggers in PROMMTT Patients. *Journal of Trauma and Acute Care Surgery*. 2013;74:59-68.
123. Lee TH, Van PY, Spuerke NJ, Hamilton GJ, Cho SD, Watson K, Differding J, **Schreiber MA**. The Use of Lyophilized Plasma in a Severe Multi-injury Pig Model. *Transfusion*. 2013;53(Suppl 1):72S-79S.
124. Hampton DA, **Schreiber MA**. Near Infrared Spectroscopy: Clinical and Research Uses. *Transfusion*. 2013;53(Suppl 1):52S-58S.
125. Riha GM, Kiraly LN, Diggs BS, Cho D, Fabricant LJ, Flaherty SF, Kuehn R, Underwood SJ, **Schreiber MA**. Management of the Open Abdomen During the Global War on Terror. *Archives of Surgery*. 2013;148:59-64.
126. Lee TH, Alonzo BJ, Differding J, Underwood SJ, Hamilton G, Kremenevskiy I, McNamara S, **Schreiber MA**. The Effects of Location and Low-molecular-weight Heparin Administration on Deep Vein Thrombosis Outcomes in Trauma Patients. *Journal of Trauma and Acute Care Surgery*. 2013;74:476-481.
127. Fabricant L, Kiraly L, Wiles C, Differding J, Underwood S, Deloughery T, **Schreiber M**. Cryopreserved Deglycerolized Blood is Safe and Achieves Superior Tissue Oxygenation Compared with Refrigerated Red Blood Cells: A Prospective Randomized Pilot Study. *Journal of Trauma and Acute Care Surgery*. 2013;74:371-377.
128. Holcomb JB, Del Junco DJ, Fox EE, Wade CE, Cohen MJ, **Schreiber MA**, Alarcon LH, Bai Y, Brasel KJ, Bulger EM, Cotton BA, Majtijevic N, Muskat P, Myers JG, Phelan HA, White CE, Zhang J, Rahbar MH; for the PROMMT Study Group. The Prospective, Observational, Multicenter, Major Trauma Transfusion (PROMMTT) Study: Comparative Effectiveness of a Time-Varying Treatment with Competing Risks. *JAMA Surgery*. 2013;148:127-136.
129. Riha G, **Schreiber MA**. Update and New Developments in the Management of the Exsanguinating Patient. *Journal of Intensive Care Medicine*. 2013;28:46-57.
130. Barton JS, Riha GM, Differding JA, Underwood SJ, Curren JL, Sheppard BC, Pommier RF, Orloff SL, **Schreiber MA**, Billingsley KG. Hepatobiliary Coagulopathy After a Liver Resection: Is it Over Diagnosed and Over Treated? *Journal of Trauma and Acute Care Surgery*. 2013;74:865-871.

131. Wong VW, Gordy SD, **Schreiber M**, Tieu BH. Penetrating Neck Injury to the Superior Thoracic Artery Managed by Video-assisted Thoracoscopic Surgery. *Case Reports in Surgery*. 2013; Feb 7, 413462. [Epub].
132. Lee TH, McCully BH, Underwood SJ, Cotton BA, Cohen MJ, **Schreiber MA**. Correlation of Conventional Thrombelastography and Rapid Thrombelastography in Trauma. *American Journal of Surgery*. 2013;205:521-527.
133. Kunio NR, Riha GM, Watson KM, Differding JA, **Schreiber MA**, Watters JM. Chitosan Based Advanced Hemostatic Dressing is Associated with Decreased Blood Loss in a Swine Uncontrolled Hemorrhage Model. *American Journal of Surgery*. 2013;205:505-510.
134. Advanced Trauma Life Support (ATLS): The Ninth Edition. ATLS Subcommittee; American College of Surgeons' Committee on Trauma; International ATLS Working Group. *Journal of Trauma Acute Care Surgery*. 2013;74:1363-1366.
135. Cheatham ML, Demetriades D, Fabian TC, Kaplan MJ, Miles WS, Schreiber MA, Holcomb JB, Bochicchio G, Sarani B, Rotondo MF. Prospective Study Examining Clinical Outcomes Associated with a Negative Pressure Wound Therapy System and Barker's Vacuum Packing Technique. *World Journal of Surgery*. 2013;37:2018-2030.
136. Napolitano LM, Cohen MJ, Cotton BA, **Schreiber MA**, Moore EE. Tranexamic Acid in Trauma: How Should We Use It? *Journal of Trauma and Acute Care Surgery*. 2013;74:1575-1586.
137. Elterman J, Brasel K, Brown S, Bulger E, Christenson J, Kerby JD, Kannad D, Lin S, Minei JP, Rizoli S, Tisherman S, **Schreiber MA**; The Resuscitation Outcomes Consortium Investigators. Transfusion of Red Blood Cells in Patients with a Prehospital Glasgow Coma Scale score of 8 or Less and No Evidence of Shock is Associated with Worse Outcomes. *Journal of Trauma and Acute Care Surgery*. 2013;75:8-14.
138. Duchesne JC, Heaney J, Guidry C, McSwain N Jr, Meade P, Cohen M, **Schreiber M**, Inaba K, Skiada D, Demetriades D, Holcomb J, Wade C, Cotton B. Diluting the Benefits of Hemostatic Resuscitation: A Multi-institutional Analysis. *Journal of Trauma and Acute Care Surgery*. 2013;75:76-82.
139. Riha GM, Kunio NR, Van PY, Kremenesvskiy I, Anderson R, Hamilton GJ, Differding JA, **Schreiber MA**. Uncontrolled Hemorrhagic Shock Results in a Hypercoagulable State Modulated by Initial Fluid Resuscitation Regimens. *Journal of Trauma and Acute Care Surgery*. 2013;75:129-134.

140. Holcomb JB, Fox EE, Wade CE; PROMMT Study Group. The Prospective Observational Multicenter Major Trauma Transfusion (PROMMT) Study. *Journal of Trauma and acute Care Surgery*. 2013;75:Number 1:July Supplement: S1-S2.
141. Fox EE, Bulger EM, Dickerson AS, del Junco DJ, Klotz P, Podbielski J, Matijevic N, Brasel KJ, Holcomb JB, **Schreiber, MA**, Cotton BA, Phelan H, Cohen MJ, Myers JG, Alarcon LH, Muskat P, Wade CE, and Rahbar MH, on behalf of the PROMMT Study Group, Houston, Texas. Waiver of consent in noninterventional, observational emergency research; The PROMMT experience. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement: S3-S8.
142. Hampton DA, Fabricant L, Differding JA, Diggs B, Underwood S, De La Cruz D, Holcomb JB, Brasel KJ, Mitchell JC, Fox EE, Alarcon LH, Rahbar MH, Phelan HA, Bulger EM, Muskat P, Myers JG, del Junco DJ, Wade CE, Cotton BA, and **Schreiber MA** on behalf of the PROMMT Study Group, Portland, OR. Prehospital intravenous fluid is associated with increased survival in trauma patients. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S9-S15.
143. Rahbar E, Fox EE, del Junco DJ, Harvin JA, Holcomb JB, Wade CE, **Schreiber MA**, Rahbar MH, Bulger EM, Phelan HA, Brasel KJ, Alarcon LH, Myers JG, Cohen MJ, Muskat P and Cotton BA on behalf of the PROMMTT Study Group, Houston, Texas. Early resuscitation intensity as a surrogate for bleeding severity and early mortality in the PROMMTT study. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S16-S23.
144. del Junco DJ, Holcomb JB, Fox EE, Brasel KJ, Phelan HA, Bulger EM, **Schreiber MA**, Muskat P, Alarcon LH, Cohen MJ, Cotton BA, Wade CE, Myers JG, Rahbar MH on behalf of the PROMMTT Study Group, Houston, Texas. Resuscitate early with plasma and platelets or balance blood products gradually: Findings from the PROMMTT study. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S24-S30.
145. Holcomb JB, Fox EE, Zhang X, White N, Wade CE, Cotton BA, del Junco DJ, Bulger EM, Cohen MJ, **Schreiber MA**, Myers JG, Brasel KJ, Phelan HA, Alarcon LH, Muskat P, and Rahbar MH on behalf of the PROMMTT Study Group, Houston, Texas. Cryoprecipitate use in the PROMMTT study. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S31-S39

146. Cohen MJ, Kutcher M, Redick B, Nelson M, Call M, Knudson MM, **Schreiber MA**, Bulger EM, Muskat P, Alarcon LH, Myers JG, Rahbar MH, Brasel KJ, Phelan HA, del Junco DJ, Fox EE, Wade CE, Holcomb JB, Cotton BA, and Matijevic N, on behalf of the PROMMTT Study Group, San Francisco, California. Clinical and mechanistic drivers of acute traumatic coagulopathy. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S40-S47
147. Barbosa RR, Rowell SE, Fox EE, Holcomb JB, MD, Bulger EM, Phelan HA, Alarcon LH, Myers JG, Brasel KH, Muskat P, del Junco DJ, Cotton BA, Wade CE, Rahbar MH, Cohen MJ, and **Schreiber MA** on behalf of the PROMMTT Study Group, Portland, Oregon. Increasing time to operation is associated with decreased survival in patients with a positive FAST examination requiring emergent laparotomy. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S48-S52
148. Hubbard A, Munoz ID, Decker A, Holcomb JB, **Schreiber MA**, Bulger EM, Brasel KJ, Fox EE, del Junco DJ, Wade CE, Rahbar MH, Cotton BA, Phelan HA, Myers JG, Alarcon LH, Muskat P, and Cohen MJ on behalf of the PROMMTT Study, Group Berkeley, California. Time-dependent prediction and evaluation of variable importance using super learning in high-dimensional clinical data. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S53-60.
149. Robinson BRH, Cotton BA, Pritts TA, PhD, Branson R, Holcomb JB, Muskat P, Fox EE, Wade CE, del Junco DJ, Bulger EM, Cohen MJ, **Schreiber MA**, Myers JG, Brasel KH, Phelan HA, Alarcon LH, Rahbar MH, and Callcut RA on behalf of the PROMMTT Study Group, Cincinnati, Ohio. Application of the Berlin definition in PROMMTT patients: The impact of resuscitation on the incidence of hypoxemia. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number1:July Supplement 2013:S61-S67.
150. Trickey AW, Fox EE, del Junco DJ, Ning J, Holcomb JB, Brasel KJ, Cohen MJ, **Schreiber MA**, Bulger EM, Phelan HA, Alarcon LH, Myers JG, Muskat P, Cotton PA, Charles E. Wade, Rahbar MH on behalf of the PROMMTT Study Group, Houston, Texas. The impact of missing trauma data on predicting massive transfusion. *The Journal of Trauma and Acute Care Surgery*. 2013;75:Number 1:July Supplement 2013:S68-S74.
151. Fuchs PA, del Junco DJ, Fox EE, Holcomb JB, Rahbar MH, Wade CE, Alarcon LH, Brasel KJ, Bulger EM, Cohen MJ, Myers JG, Muskat P, Phelan HA, **Schreiber MA** and Cotton BA on behalf of the PROMMTT Study Group, Houston, Texas. Purposeful variable selection and stratification to impute missing Focused Assessment with Sonography for Trauma data in trauma research. *The*

- Journal of Trauma and Acute Care Surgery. 2013;75:Number 1:July Supplement 2013:S75-S81.
152. Rahbar MH, del Junco DJ, Huang H, Ning J, Fox EE, Zhang X, **Schreiber MA**, Brasel KJ, Bulger EM, Wade CE, Cotton BA, Phelan HA, Cohen MJ, Myers JG, Alarcon LH, Muskat P, and Holcomb JB on behalf of the PROMMTT Study Group, Houston, Texas. A latent class model for defining severe hemorrhage: Experience from the PROMMTT study. The Journal of Trauma and Acute Care Surgery. 2013;75:Number 1:July Supplement 2013:S82-S88.
  153. Wade CE, del Junco DJ, Fox EE, Cotton BA, Cohen MJ, Muskat P, **Schreiber MA**, Rahbar MH, Sauer RM, Brasel KJ, Bulger EM, Myers JG, Phelan HA, Alarcon LH and Holcomb JB on behalf of the PROMMTT Study Group, Houston, Texas. Do-not-resuscitate orders in trauma patients may bias mortality-based effect estimates: An evaluation using the PROMMTT study. The Journal of Trauma and Acute Care Surgery. 2013;75:Number 1:July Supplement 2013:S89-S96.
  154. del Junco DJ, Fox EE, Camp EA, Rahbar MH, and Holcomb JB on behalf of the **PROMMTT Study Group**, Houston, Texas. Seven deadly sins in trauma outcomes research: An epidemiologic post mortem for major causes of bias. The Journal of Trauma and Acute Care Surgery. 2013;75:Number 1:July Supplement 2013:S97-S103.
  155. Napolitano LM, Cohen MJ, Cotton BA, **Schreiber MA**, Moore EE. Re: Is Viscoelastic Evidence of Hyperfibrinolysis the Ideal Indicator for Tranexamic Acid Administration in Trauma? Journal of Trauma and Acute Care Surgery. 2013;75:743-744.
  156. Lett TH, Ouellet JF, Cook M, **Schreiber MA**, Kortbeek JB. Pericardiocentesis in Trauma: A Systematic Review. Journal of Trauma and Acute Care Surgery. 2013;75:543-549.
  157. **Schreiber MA**. Evaluating the Role of Computed Tomography: Have They Gone Far Enough? JAMA Surgery. 2013;148:816.
  158. Lee TH, Watson K, Fabricant L, Barton J, Differding J, Kremenevskiy I, Sands C, Wiles C, Watters JM, **Schreiber MA**. Hyperosmolar Reconstituted Lyophilized Plasma is an Effective Low-volume Hemostatic Resuscitation Fluid for Trauma. Journal of Trauma and Acute Care Surgery. 2013;75:369-375.
  159. Brockamp T, Maegele M, Gaarder C, Goslings JC, Cohen MJ, Lefering R, Joosse P, Naess PA, Skaga NO, Groat T, Eaglestone S, Borgman MA, Spinella PC, **Schreiber MA**, Brohi K. Comparison of the Predictive Performance of the

- BIG, TRISS and PS09 Score in an Adult Trauma Population Derived from Multiple International Trauma Registries. *Critical Care Medicine*. 2013;17:R134.
160. McCully SP, **Schreiber MA**. Traumatic Brain Injury and Its Effect on Coagulopathy. *Seminars in Thrombosis and Hemostasis*. 2013;39:896-901.
161. McCully SP, Fabricant LJ, Kunio NR, Groat TL, Watson KM, Differding JA, Deloughery TG, **Schreiber MA**. The International Normalized Ratio Overestimates Coagulopathy in Stable Trauma and Surgical Patients. *Journal of Trauma and Acute Care Surgery*. 2013;75:947-953
162. Bandle J, Shackford SR, Sise CB, Dnudson MM: **CLOTT Study Group**. Variability is the Standard: The Management of Venous Thromboembolic Disease Following Trauma. *Journal of Trauma and Acute Care Surgery*. 2014;76:213-216.
163. Louis SG, Van PY, Riha GM, Barton JS, Kunio NR, Underwood SJ, Differding JA, Rick E, Ginzberg E, **Schreiber MA**. Thromboelastogram-Guided Enoxaparin Dosing Does Not Confer Protection From Deep Venous Thrombosis: A Randomized Controlled Pilot Trial. *Journal of Trauma and Acute Care Surgery*. 2014;76:237-943.
164. Wang HE, Brown SP, MacDonald RD, Dowling SL, Davis D. **Schreiber MA**. Powell J, van Heest R, Daya M. Association of Out-of-hospital Advanced Airway Management with Outcomes after Traumatic Brain Injury and Hemorrhagic Shock in the ROC Hypertonic Saline Trial. *Emergency Medicine Journal*. 2014;31:186-191.
165. Jenkins DH, Rappold JF, Badloe JF, Berseu O, Blackbourne L, Brohi KH, Butler FK, Cap AP, Cohen MJ, Davenport R, Depasquale M, Doughty H, Glassberg E, Hervig T, Hooper TJ, Kozar R, Maegale M, Moore EE, Murdock A, Ness PM, Pati S, Rasmussen T, Sailliol A, **Schreiber MA**, Sunde GA, van de Watering LM, Ward KR, Weiskopf RB, White NJ, Strandeness G, Spinella PC. THOR Position Paper on Remote Damage Control Resuscitation: Definitions, Current Practice and Knowledge Gaps. *Shock*. 2014;41 Suppl 1:3-12..
166. Lee TH, McCully SP, McCully BH, Sands C, Hampton DA, Louis SG, Rick B, Anderson N, Differding J, **Schreiber MA**. Comparison of the Hemostatic Efficacy of Low-volume Lyophilized Plasma Reconstituted Using Sterile Water, Lactated Ringer's, Normal Saline and Hextend Solutions. *Journal of Trauma and Acute Care Surgery*. 2014;76:264-271.



167. McCully BH, Fabricant L, Geraci T, Greebaum A, **Schreiber MA**, Gordy SD. Complete Cervical Spinal Cord Injury Above C6 Predicts the Need for Tracheostomy. *American Journal of Surgery*. 2014;207:664-668.
168. Louis SG, Sato M, Geraci T, Anderson R, Cho SD, Van PY, Barton JS, Riha GM, Underwood S, Differding J, Watters JM, **Schreiber MA**. Correlation of Missed Doses of Enoxaparin with Increased Incidence of Deep Vein Thrombosis in Trauma and General Surgery Patients. *JAMA Surgery*. 2014;149:365-370.
169. Hampton DA, Lee TH, Diggs BS, McCully SP, **Schreiber MA**. A Predictive Model of Early Mortality in Trauma Patients. *American Journal of Surgery*. 2014;207:642-647.
170. Porta CR, Robins R, Eastridge B, Holcomb J, **Schreiber M**, Martin M. The Hidden War: Humanitarian Surgery in a Combat Zone. *American Journal of Surgery*. 2014;207:766-772.
171. Louis SG, Barton JS, Riha GM, Orloff SL, Sheppard BC, Pommier RF, Underwood SJ, Differding JA, **Schreiber MA**, Billingsley KG. The International Normalized Ratio Overestimates Coagulopathy in Patients after Major Hepatectomy. *American Journal of Surgery*. 2014;207:723-727
172. Holcomb JB, Fox EE, Scalea TM, Napolitano LM, Albarado R, Gill B, Dunkin BJ, Kirkpatrick AW, Cotton BA, Inaba K, DuBose JJ, Cohen AM, Azzizzadeh A, Brenner M, Cohen MJ, Wade CE, Lumsden AB, Andrassy R, Rhee PM, Bass BL, Mattox KL, Britt LD, Eastman AB, Hoyt DB, Rasmussen TE; **Catheter-Based Hemorrhage Control Study Group**. Current Opinion on Catheter-Based Hemorrhage Control in Trauma Patients. *Journal of Trauma and Acute Care Surgery*. 2014;76:888-893.
173. Lee TH, Hampton DA, Diggs BS, McCully SP, Kutcher M, Redick BJ, Podbielski J, Cotton BA, Cohen M, **Schreiber MA**. Traumatic Brain Injury is not Associated with Coagulopathy out of Proportion to Injury in Other Regions. *Journal of Trauma and Acute Care Surgery*. 2014;77:67-72.
174. Hampton DA, Wiles C, Fabricant LJ, Kiraly L, Differding J, Underwood S, Le D, Watters J, **Schreiber MA**. Cryopreserved Red Blood Cells are Superior to Standard Liquid Red Blood Cells. *Journal of Trauma and Acute Care Surgery*. 2014;77:20-27.
175. Pommerening MJ, Schwartz DA, Cohen MJ, **Schreiber MA**, Del Junco DJ, Camp EA, Wade CE, Holcomb JB, Cotton BA. Hypercoagulability after Injury in Premenopausal Females: A Prospective, Multicenter Study. *Surgery*. 2014;156:439-447.

176. Matijevic N, Wang YW, Wade CE, Holcomb JB, Cotton BA, **Schreiber MA**, Muskat P, Fox EE, Del Junco DJ, Cardenas JC, Rahbar MH, Cohen MJ; on behalf of the PROMMT Study Group. Cellular Microparticle and Thrombogram Phenotypes in the Prospective Observational Multicenter Major Trauma Transfusion (PROMMTT) Study: Correlation with Coagulopathy. *Thrombosis Research*. 2014;134:652-658.
177. Gordon NT, **Schreiber MA**. Frozen Blood and Lessons Learned from 9/11. *Journal of Trauma and Acute Care Surgery*. 2014;77:479-485.
178. **Schreiber MA**. Is Any Test 100% Specific and 100% Sensitive for Serious Injury? *JAMA Surgery*. 2014;149:940.
179. Butler FK, Holcomb JB, **Schreiber MA**, Kotwal RS, Jenkins DA, Champion HR, Bowling F, Cap AP, Dubose JJ, Dorlac WC, Dorlac GR, McSwain NE, Timby JW, Blackburne LH, Stockinger ZT, Standenes G, Weiskopf RB, Gross KR, Bailey JA. Fluid Resuscitation for Hemorrhagic Shock in Tactical Combat Casualty Care: TCCC Guidelines Change 14-01 – 2 June 2014. *Journal of Special Operations Medicine*. 2014 Fall;14:13-38.
180. Hampton DA, Fabricant LJ, **Schreiber MA**. Response: The Need for a Definitive Clinical Trial of Cryopreserved Red Blood Cells. *Journal of Trauma and Acute Care Surgery*. 2014;17:1004-1005.
181. McCully BH, Dean RK, McCully SP, **Schreiber MA**. Diet –induced Obesity Prevents the Development of Acute Traumatic Coagulopathy. *Journal of Trauma and Acute Care Surgery*. 2014;77:873-878.
182. Karmy-Jones R, Namias N, Coimbra R, Moore EE, **Schreiber MA**, McIntyre R, Croce M, Livingston DH, Sperry JL, Malhotra AK, Biff WL. Western Trauma Association Critical Decisions in Trauma: Penetrating Chest Trauma. 2014;77:994-1002.
183. Rowell SE, Barobsa RR, Lennox TC, Fair KA, Rao AJ, Underwood SJ, **Schreiber MA**. Moderate Elevations in International Normalized Ratio Should not Lead to Delays in Neurosurgical Intervention in Patients with Traumatic Brain Injury. *Journal of Trauma and Acute Care Surgery*. 2014;77:846-851.
184. Baraniuk S, Tilley BC, Del Junco DJ, Fox EE, van Belle G, Wade CE, Podbielski JM, Beeler AM, Hess JR, Bulger EM, **Schreiber MA**, Inaba K, Fabian TC, Kerby JD, Cohen MJ, Miller CN, Rizoli S, Scalea TM, O’Keefe T, Brasel KJ, Cotton BA, Muskat P, Holcomb JB; the PROPPR Study Group. Pragmatic

- Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial: Design, Rationale and Implementation. *Injury*. 2014; Jun 10. [Epub ahead of print].
185. Jenkins DH, Rappold JF, Badloe JF, Berseus O, Blackbourne L, Brohi KH, Butler FK, Cap AP, Cohen MJ, Davenport R, DePasquale M, Doughty H, Glassberg E, Hervig T, Hooper TJ, Kozar R, Maegele M, Moore EE, Murdock A, Ness PM, Pati S, Rasmussen T, Sailliol A, **Schreiber MA**, Sunde GA, va de Watering LM, Ward KP, Weiskopf RB, White NJ, Strandenes G, Spinella PC. Trauma Hemostasis and Oxygenation Research Position Paper on Remote Damage Control Resuscitation: Definitions, Current Practice, and Knowledge Gaps. *Shock*. 2014;41 Suppl 1:3-12.
186. Collins PW, Solomon C, Sutor K, Crispin D, Hochleitner G, Rizoli S, Schochl H, **Schreiber M**, Ranucci M. Theoretical Modelling of Fibrinogen Supplementation with Therapeutic Plasma Cryoprecipitate or Fibrinogen Concentrate. *British Journal of Anaesthesia*. 2014;113:585-595.
187. Martin DT, Gries H, Diggs BS, Koh JL, Selden NR, **Schreiber MA**, Kuang AA. Implementation of Tranexamic Acid to Reduce Blood Loss During Cranial Vault Remodeling for Craniosynostosis at a Single Institution. *Plastic and Reconstructive Surgery*. 2014;134(4 Suppl 1):22.
188. Martin DT, Schreiber MA. Modern Resuscitation of Hemorrhagic Shock: What is on the Horizon? *European Journal of Trauma and Emergency Surgery*. 2014;40:641-656.
189. Bulger EM, Maier RV, Sperry J, Joshi M, Henry S, Moore FA, Modawer LL, Demetriades D, Talving P, **Schreiber M**, Ham B, Cohen M, Opal S, Segalovcich I, Maislin G, Kaempfer R, Shirvan A, *JAMA Surgery*. A Novel Drug for Treatment of Necrotizing Soft-Tissue Infections: A Randomized Clinical Trial. *JAMA Surgery*. 2014;149:528-536.
190. Van PY, **Schreiber MA**. Hematologic Issues in the Geriatric Surgical Patient. *Surgical Clinics of North America*. 2015;95:129-138.
191. Hinson HE, Rowell S, **Schreiber M**. Clinical Evidence of Inflammation Driving Secondary Brain Injury: A Systematic Review. *Journal of Trauma and Acute Care Surgery*. 2015;78:184-191.
192. Cook MR, Louis SG, McCully SP, Stucke RS, Fabricant SP, **Schreiber MA**. Positive Blood Alcohol is Associated with Reduced DVT in Trauma. *Injury*. 2015;46:131-135.

193. Wright DW, Yeatts SD, Silbergleit R, Palesch YY, Hertzberg VS, Frankel M, Goldstein FC, Caveney AF, Howlett-Smith H, Bengelink EM, Manley GT, Merck LH, Janis LS, Barsan WG; **NETT Investigators**. Very early administration of progesterone for acute traumatic brain injury. *New England Journal of Medicine*. 2014;371:2457-2466.
194. Holcomb JB, Tille BC, Baraniuk S, Fox EE, Wade CE, Podbielske JM, del Junco DJ, Brasel KJ, Bulger EM, Callcut RA, Cohen MJ, Cotton BA, Fabian TC, Inaba K, Kerby JD, Muskat P, O'Keeffe T, Rizoli S, Robinson BR, Scalea TM, **Schreiber MA**, Stein DM, Weinberg JA, Callum JL, Hess JR, Matijevic N, Miller CN, Pittet JF, Hoyt DB, Pearson GD, Leroux B, van Belle G; PROPPR Study Group. Transfusion of Plasma, Platelets, and Red Blood Cells in a 1:1:1 vs a 1:1:2 Ratio and Mortality in Patients with Severe Trauma: The PROPPR Randomized Clinical Trial. *Journal of the American Medical Association*. 2015;313:471-482.
195. **Schreiber MA**, Meier EN, Tisherman SA, Kerby JD, Newgard CD, Brasel K, Egan D, Witham W, Williams C, Daya M, Beeson J, McCully BH, Wheeler S, Kannas D, May S, McKnight B, Hoyt DB; ROC Investigators. A Controlled Resuscitation Strategy is Feasible and Safe in Hypotensive Trauma Patients: Results of a Prospective Randomized Pilot Trial. *Journal of Trauma & Acute Care Surgery*. 2015;78:687-697.
196. Newgard CD, Meier EN, McKnight B, Drennan IR, Richardson D, Brasel K, **Schreiber M**, Kerby JD, Kannas D, Austin M, Bulger EM; ROC Investigators. Understanding traumatic shock: out-of-hospital hypotension with and without other physiologic compromise. *Journal of Trauma & Acute Care Surgery*. 2015;78:342-351.
197. McCully SP, Lee TH, McCully BH, Sands CL, Rick EA, Dean RK, Anderson NW, Hampton DA, Louis SG, Differding JA, **Schreiber MA**. Reconstitution Fluid Type Does not Affect Pulmonary Inflammation or DNA Damage Following Infusion of Lyophilized Plasma. *Journal of Trauma and Acute Care Surgery*. 2015;78:231-239.
198. Fair KA, Gordon NT, Barbosa RR, Rowell SE, Watters JM, **Schreiber MA**. Traumatic Diaphragmatic Injury in the American College of Surgeons National Trauma Data Bank: Anew Examination of a Rare Diagnosis. *American Journal of Surgery*. 2015;209:864-869.
199. Cook MR, Holcomb JB, Rahbar MH, Fox EE, Alarcon LH, Bulger EM, Brasel KJ, **Schreiber MA**; PROMMT Study Group. An Abdominal Computed tomography May be Safe in Selected Hypotensive Trauma Patients with Positive Focused Assessment with Sonography in Trauma Examination. *American Journal of Surgery*. 2015;209:834-840.

200. Cook MR, Fair KA, Burg J, Cattin L, Gee A, Arbabi S, **Schreiber M**; Northwest Trauma Research Collaboration. American Journal of Surgery. Cirrhosis Increases Mortality and Splenectomy Rates Following Splenic Injury. 2015;209:841-847.
201. Gordon N, Riha G, Billingsley K, **Schreiber M**. Malignancy Does not Dictate the Hypercoagulable State Following Liver Resection. American Journal of Surgery. 2015;209:870-874.
202. Pommerening MJ, Goodman MD, Holcomb JB, Wade CE, Fox EE, Del Junco DJ, Brasel KJ, Bulger EM, Cohen MJ, Alarcon LH, **Schreiber MA**, Myers JG, Phelan HA, Muskat P, Rahbar M, Cotton BA; MPH on Behalf of the PROMMT Study Group. Clinical Gestalt and the Prediction of Massive Transfusion after Trauma. Injury. 2015;46:807-813.
203. Undurraga PV, Diggs B, Ham B, **Schreiber M**. Does Surgery Residency Prepare Residents to Work at Critical Access Hospitals. American Journal of Surgery. 2015;209:828-833.
204. Novak DJ, Bai Y, Cooke RK, Marques MB, Fontaine MJ, Gottschall JL, Carey PM, Scanlan RM, Fiebig EW, Shulman IA, Nelson JM, Flax S, Duncan V, Daniel-Johnson JA, Callum JL, Holcomb JB, Fox EE, Baraniuk S, Tilley BC, **Schreiber MA**, Inaba K, Rizoli S, Podbielski JM, Cotton BA, Hess JR; PROPPR Study Group. Making Thawed Universal Donor Plasma Available Rapidly for Massively Bleeding Trauma Patients; Experience from the Pragmatic, Randomized Optimal Platelets and Plasma Ratios (PROPPR) Trial. Transfusion. 2015;55:1331-1339.
205. Tisherman SA, Schmicker RH, Brasel KJ, Bulger EM, Kerby JD, Minei JP, Powell JL, Reiff DA, Rizoli SB, **Schreiber MA**. Detailed Description of all Deaths in both the Shock and Traumatic Brain Injury Hypertonic Saline Trials of the Resuscitation Outcomes Consortium. Annals of Surgery. 2015;261:586-590.
206. Mesar T, Martin D, Lawless R, Podbielski J, Cook M, Underwood S, Larentzakis A, Cotton B, Fagenholz P, **Schreiber M**, Holcomb JB, Marini J, Sharma U, Rago AP, King DR. Human Dose Confirmation for Self-expanding Intra-abdominal Foam: A Translational, Adaptive, Multicenter Trial in Recently Deceased Human Subjects. Journal of Trauma and Acute Care Surgery. 2015;79:39-49.
207. McCully SP, Martin DT, Cook MR, Gordon NT, McCully BH, Lee TH, Dean RK, Rick EA, Moren AM, Fair KA, Undurraga VJ, Watson KM, Anderson NW, **Schreiber MA**. Effect of Ascorbic Acid Concentrations on Hemodynamics

- and Inflammation Following Lyophilized Plasma Transfusion. *Journal of Trauma and Acute Care Surgery*. 2015;79:30-38.
208. Schroll R, Smith A, McSwain NE Jr, Myers J, Rocchi K, Inaba K, Siboni S, Vercruyse GA, Ibrahim-Zada I, Sperry JL, Martin-Gill C, Cannon JW, Holland SR, **Schreiber MA**, Lape D, Eastman AL, Stebbins CS, Ferrada P, Han J, Meade P, Duchesne JC. A Multi-institutional Analysis of Prehospital Tourniquet Use. *Journal of Trauma and Acute Care Surgery*. 2015;79:10-14.
209. **Schreiber MA**, McCully BH, Holcomb JB, Robinson BR, Minei JP, Stewart R, Kiraly L, Gordon NT, Martin DT, Rick EA, Dean RK, Wiles C, Anderson N, Sosnovske D, Houser B, Lape D, Cotton B, Goma D, Cripps MW, DeRosa M, Underwood SJ. Transfusion of Cryopreserved Packed Red Blood Cells is Safe and Effective After Trauma: A Prospective Randomized Trial. *Annals of Surgery*. 2015;262:426-433.
210. Andrusiek DL, Szydlo D, May S, Brasel KJ, Minei J, van Heest R, MacDonald R, **Schreiber M**. A Comparison of Invasive Airway Management and Rates of Pneumonia in Prehospital and Hospital Settings. *Prehospital Emergency Care*. 2015;19:475-481.
211. Pommerening MJ, Rahbar E, Minei K, Holcomb JB, Wade CE, **Schreiber MA**, Cohen MJ, Underwood SJ, Nelson M, Cotton BA. Splenectomy is Associated with Hypercoagulable Thrombelastography Values and Increased Risk of Thromboembolism. *Surgery*. 2015;158:618-626.
212. Moore SE, Decker A, Hubbard A, Callcut RA, Fox EE, Del Junco DJ, Holcomb JB, Rahbar MH, Wade CE, **Schreiber MA**, Alarcon LH, Brasel KJ, Bulger EM, Cotton BA, Muskat P, Myers JG, Phelan HA, Cohen MJ; PROMMT Study Group. *PloS One*. 2015;Aug 21;10(8):E0136438.
213. Elterman J, Zonies D, Stewart I, Fang R, **Schreiber M**. Rhabdomyolysis and Acute Kidney Injury in the Injured Warfighter. *Journal of Trauma and Acute Care Surgery*. 2015;79:S171-S174.
214. Gaskin D, Kroll NA, Ochs AA, **Schreiber MA**, Pandalai PK. Far Forward Anesthesia and Massive Blood Transfusion: Two Cases Revealing the Challenge of Damage Control Resuscitation in an Austere Environment. *AANA Journal*. 2015;83:337-343.
215. Barton CA, Johnson NB, Case J, Warden B, Hughes D, Zimmerman J, Roberti G, McMillan WD, **Schreiber M**. Risk of Thromboembolic Events after Protocolized Warfarin Reversal with 3-Factor Prothrombin Complex Concentrate and Factor VIIa. *American Journal of Emergency Medicine*. 2015;33:1562-1566.

216. Connelly CR, Schreiber MA. Endpoints in Resuscitation. *Current Opinion in Critical Care*. 2015;21:512-519.
217. Gaskin D, Kroll NA, Ochs AA, **Schreiber MA**, Pandalai PK. Far Forward Anesthesia and Massive Blood Transfusion: Two Cases Revealing the Challenge of Damage Control Resuscitation in an Austere Environment. *American Association of Nurse Anesthetists Journal*. 2015;83:337-343.
218. Moren AM, Hampton D, Diggs B, Kiraly L, Fox EE, Holcomb JB, Rahbar MH, Brasel KJ, Cohen MJ, Bulger EM, **Schreiber MA**, on Behalf of the PROMMT Study Group. Recursive Partitioning Identifies Greater Than 4 U of Packed Red Blood Cells per Hour as an Improved Massive Transfusion Definition. *Journal of Trauma and Acute Care Surgery*. 2015;79:920-924.
219. Biffl W, Moore EE, Feliciano DV, Albrecht RA, Croce M, Karmy-Jones R, Namias N, Rowell S, **Schreiber M**, Shatz DV, Brasel K. Western Trauma Association Critical Decisions in Trauma: Diagnosis and Management of Esophageal Injuries. *Journal of Trauma and Acute Care Surgery*. 2015;79:1089-1095.
220. Malhotra A, Biffl WL, Moore EE, **Schreiber M**, Albrecht RA, Cohen M, Croce M, Karmy-Jones R, Namias N, Rowell S, Shatz DV, Brasel KJ. Western Trauma Association Critical Decision in Trauma: Diagnosis and Management of Duodenal Injuries. *Journal of Trauma and Acute Care Surgery*. 2015;79:1096-1101.
221. Crawford JD, Allan KM, Patel KU, Hart KD, **Schreiber MA**, Azarbal AF, Liem TK, Mitchell EL, Moneta GL, Landry GJ. The Natural History of Indeterminate Blunt Cerebrovascular Injury. *JAMA Surgery*. 2015;150:841-847.
222. **Schreiber MA**. Determining Outcomes after Traumatic Brain Injury. *JAMA Surgery*. 2015;150:973.
223. Martin MJ, Eckert MJ, **Schreiber MA**. Relationship of a Mandated 1-Hour Evacuation Policy and Outcomes for Combat Casualties. 2016;315:293-294.
224. Schreiber MA, Reviewer. Selected Readings in General Surgery. 2016;42:e1. <http://web2.facs.org/SRGS> Connect/wysk/wysk0316.cfm. Accessed March 7, 2016. Review of: Pollack CV, Jr., Reilly PA, Eikelboom j, et al. Idarucizumab for Dabigatran Reversal.

225. Pati S, Potter DR, Baikamunova G, Farrell DH, Holcomb JB, **Schreiber MA**. Modulating the Endotheliopathy of Trauma: Factor Concentrate vs. Fresh Frozen Plasma. *Journal of Trauma and Acute Care Surgery*. 2016;80:576-585.
226. Undurraga Perl VJ, Leroux B, Cook MR, Watson J, Fair K, Martin DT, Kerby JD, Williams C, Inaba K, Wade CE, Cotton BA, Del Junco DJ, Fox EE, Scalea TM, Tilley BC, Holcomb JB, **Schreiber MA**; PROPPR Study Group. Damage-control Resuscitation and Emergency Laparotomy: Findings from the PROPPR Study. 2016;80:568-574.
227. Yonge JD, **Schreiber MA**. The Pragmatic Randomized Optimal Platelet and Plasma Ratios Trial: What Does it Mean for Remote Damage Control Resuscitation? *Transfusion*. 2016;56 Suppl 2:S149-S156.
228. Pusateri AE, Given MB, **Schreiber MA**, Spinella PC, Pati S, Kozar RA, Khan A, Dacorta JA, Kupferer KR, Prat N, Pidcoke HF, Macdonald VW, Mallow WW, Saillol A, Cap AP. Dried Plasma: State of the Science and Recent Developments. *Transfusion*. 2016;56 Suppl 2:S128-S139.
229. Gordon NT, **Schreiber MA**. Pulmonary Emboli and Deep Vein Thromboses: Are They Always Part of the Same Disease Spectrum. *Military Medicine*. 2016;181:5 Suppl:104-110.
230. Connelly CR, Kemp Bohan PM, Cook MR, Moren AM, **Schreiber MA**, Kiraly LN. A Night Float Week in a Surgical Clerkship Improves Student Team Cohesion. *American Journal of Surgery*. 2016;211:913-918.
231. Connelly CR, Laird A, Barton JS, Fischer PE, Krishnaswami S, **Schreiber MA**, Zonies DH, Watters JW. A Clinical Tool for the Prediction of Venous Thromboembolism in Pediatric Trauma Patients. *JAMA Surgery*. 2016;151:50-57.
232. Rowell SE, Fair KA, Barbosa RR, Watters JM, Bulger EM, Holcomb JB, Cohen MJ, Rahbar MH, Fox EE, **Schreiber MA**. The Impact of Pre-Hospital Administration of Lactated Ringer's Solution Versus Normal Saline in Patients with Traumatic Brain Injury. *Journal of Neurotrauma*. 2016;33:1054-1059.
233. Rao AJ, Laurie A, Hilliard C, Fu R, Lennox T, Barbosa R, **Schreiber M**, Rowell S. The Utility of Thromboelastography for Predicting the Risk of Progression of Intracranial Hemorrhage in Traumatic Brain Injury Patients. *Neurosurgery*. 2016;63 Suppl 1:173-174.
234. Connelly CR, Yonge JD, Eastes LE, Bilyeu PE, Kemp Bohan PM, **Schreiber MA**, Azarow KS, Watters JM, Jafri MA. Performance Improvement



- and Patient Safety Program (PIPS) Guided Quality Improvement Initiatives can Significantly Reduce CT Imaging in Pediatric Trauma Patients. *Journal of Trauma and Acute Care Surgery*. 2016; 81:278-284.
235. Evans CC, Petersen A, Meier EN, Buick JE, **Schreiber M**, Kannas D, Austin MA, and the Resuscitation Outcomes Consortium Investigators. Prehospital Traumatic Cardiac Arrest: Management and Outcomes from the Resuscitation Outcomes Consortium Epistry-Trauma and PROPHET Registries. *Journal of Trauma and Acute Care Surgery*. 2016; 81:285-293.
236. Rizoli S, Petersen A, Bulger E, Coimbra R, Kerby JD, Minei J, Morrison L, Nathens A, **Schreiber M**, deOliveira Manoel AL; ROC Investigators. Early Prediction of Outcome after Severe Traumatic Brain Injury: A Simple and Practical Model. *BMC Emergency Medicine*. 2016;16:32.
237. Martin DT, Gries H, Esmonde N, Diggs B, Koh J, Selden NR, **Schreiber MA**, Kuang AA. Implementation of a Tranexamic Acid Protocol To Reduce Blood Loss During Cranial Vault Remodeling for Craniosynostosis. *Journal of Craniofacial Surgery*. 2016;27:1527-1531.
238. Liu NT, Salinas J, Fenrich CA, Serio-Melvin ML, Kramer GC, Driscoll IR, **Schreiber MA**, Cancio LC, Chung KK. Predicting the Proportion of Full-thickness Involvement for any Given Burn Size Based on Burn Resuscitation Volumes. *Journal of Trauma and Acute Care Surgery*. 2016;81:S144-S149.
239. Undurraga Perl VJ, John H, **Schreiber M**. Re: Female Plasma Donors, Plasma, and Platelet Processing in the PROPPR Study. *Journal of Trauma and Acute Care Surgery*. 2016;81:991-992.
240. Van PY, **Schreiber MA**. Contemporary Thromboprophylaxis of Trauma Patients. *Current Opinion in Critical Care*. 2016;22:607-612.
241. Brasel KJ, Moore EE, Albrecht RA, DeMoya M, Karmy-Jones R, Mamias N, Rowell S, **Schreiber M**, Cohen M, Shatz DV, Biffl WL. Management of Rib Fractures: A Western Trauma Association Critical Decisions Algorithm. *Journal of Trauma and Acute Care Surgery*. 2016;82:200-203.
242. Undurraga Perl V, Holcomb J, **Schreiber M**. Re: Female Plasma Donors, Plasma, and Platelet Processing in the PROPPR Study. *Journal of Trauma Acute Care Surgery*. 2016;80:568-574.
243. Undurraga Perl VJ, Leroux B, Cook MR, Watson J, Fair K, Martin DT, Kerby JD, Williams C, Inaba K, Wade CE, Cotton BA, Del Junco DJ, Fox EE, Scalea TM, Tilley BC, Holcomb JB, **Schreiber MA**; PROPPR Study Group.

- Damage-Control resuscitation and Emergency Laparotomy: Findings from the PROPPR Study. *Journal of Trauma and Acute Care Surgery*. 2016;80:568-574.
244. Watson JJ, Pati S, **Schreiber MA**. Plasma Transfusion: History, Current Realities and Novel Improvements. *Shock*. 2016;46:468-479.
245. Chang AL, Hoehn RS, Jernigan P, Cox D, **Schreiber M**, Pritts TA. Previous Cryopreservation Alters the Natural History of the Red Blood Cell Storage Lesion. *Shock*. 2016;46 (3 Suppl 1):89-95.
246. Tran TL, Brasel KJ, Karmy-Jones R, Rowell S, **Schreiber MA**, Shatz DV, Albrecht RM, Cohen MJ, DeMoya MA, Biffl WL, Moore EE, Namias N. Western Trauma Association Critical Decisions in Trauma: Management of Pelvic Fracture with Hemodynamic Instability. *Journal of Trauma and Acute Care Surgery*. 2016;81:1171-1174.
247. Vitko HA, Sekula LK, **Schreiber MA**. Probiotics for Trauma Patients: Should We Be Taking a Precautionary Approach. *Journal of Trauma Nursing*. 2017;24:46-62.
248. Watson JJ, Nielsen J, Hart K, Srikanth P, Yonge JD, Connelly CR, Kemp Bohan PM, Sosnovske H, Tilley BC, van Belle G, Cotton BA, O’Keeffe TS, Bulger EM, Brasel KJ, Holcomb JB, **Schreiber MA**. Damage Control Laparotomy Utilization Rates are Highly Variable Among Level 1 Trauma Centers: Pragmatic, Randomized Optimal Platelet and Plasma Ratios Findings. *Journal of Trauma and Acute Care Surgery*. 2017;82:481-488.
249. **Schreiber MA**, reviewer. *Selected Readings in General Surgery*. 2017;43(1):e1. [http://web2.facs.org/SRGS\\_Connect/wysk/wysk0217.cfm](http://web2.facs.org/SRGS_Connect/wysk/wysk0217.cfm). Accessed February 23, 2017. Review of: Singer GA, Riggi G, Karcutskie CA, et al. Anti-Xa-guided enoxaparin thromboprophylaxis reduces rate of deep venous thromboembolism in high-risk trauma patients.
250. Rowell SE, Biffl WL, **Schreiber MA**, Albrecht RA, Cohen MJ, DeMoya M, Karmy-Jones R, Moore EE, Namias N, Shatz DV, Moore FA, Brasel K. Western Trauma Association Critical Decisions in Trauma: Management of Adult Blunt Splenic Trauma – 2016 Updates. *Journal of Trauma and Acute Care Surgery*. 2017;82:787-793.
251. Davis BL, Martin MJ, **Schreiber MA**. Military Resuscitation: Lessons from Recent Battlefield Experience. *Current Trauma Reports*. 2017;May 18: DOI 10.1007/s40719-017-0088-9.

252. Connelly CR, Yonge JD, McCully SP, Hart KD, Hilliard TC, Lape DE, Watson JJ, Rick B, Houser B, Deloughery TG, **Schreiber MA**, Kiraly LN. Assessment of Three Point-of-Care Platelet Function Assays in Adult Trauma Patients. *Journal of Surgical Research*. 2017;212:260-269.
253. Fair KA, Connelly CR, Hart KD, **Schreiber MA**, Watters JM. Splenectomy is Associated with Higher Infection and Pneumonia Rates Among Trauma Laparotomy Patients. *American Journal of Surgery*. 2017;213:856-861.
254. Kemp Bohan PM, Connelly CR, Crawford J, Bronson NW, **Schreiber MA**, Lucius CW, Hunter JG, Kiraly LN, Ham B. Early Analysis of Laparoscopic Common Bile Duct Exploration Simulation. *American Journal of Surgery*. 2017;213:888-894.
255. Undurraga Perl VJ, Dodgion C, Hart K, Ham B, **Schreiber M**, Martin DT, Zonies D. The Affordable Care Act and its Association with Length of Stay and Payer Status for Trauma Patients. *American Journal of Surgery*. 2017;213:870-873.
256. Watson JJ, Kemp Bohan PM, Ramsey K, Yonge JD, Connelly CR, Mullins RJ, Watters JM, **Schreiber MA**, Kiraly LN. Optimizing Physician Skill Development for Medical Students: The Four-Part Assessment. *American Journal of Surgery*. 2017;213:906-909.
257. Kobayashi L, Barmparas G, Bosarge P, Brown CV, Bukur M, Carrick MM, Catalano RD, Holly-Nicolas J, Inaba K, Kaminski S, Klein AL, Kopelman T, Ley EJ, Martinez EM, Moore FO, Murry J, Nirula R, Paul D, Quick J, Rivera O, **Schreiber M**, Coimbra R; AAST Multicenter Prospective Observational Study of Trauma Patients on Oral Anticoagulants Study Group. Novel Oral Anticoagulants and Trauma: The Results of a Prospective American Association for the Surgery of Trauma Multi-Institutional Trial. *Journal of Trauma and Acute Care Surgery*. 2017;82:827-835.
258. Brohi K, Schreiber M (2017) The New Survivors and a New Era for Trauma Research. *PLoS Med* 14(7): e1002356. <https://doi.org/10.1371/journal.pmed.1002354>
259. McCully BH, Connelly CR, Fair KA, Holcomb JB, Fox EE, Wade CE, Bulger EM, **Schreiber MA**; PROPPR Study Group. Onset of Coagulation Function Recovery is Delayed in Severely Injured Trauma Patients With Venous Thromboembolism. *Journal of the American College of Surgeons*. 2017;225:42-52.

260. Asehnoune K, Balogh Z, Citerio G, Cap A, Billiar T, Stocchetti N, Cohen MJ, Pelosi P, Curry N, Gaarder C, Gruen R, Holcomb J, Hunt BJ, Juffermans NP, Maegele M, Midwinter M, Moore FA, O'Dwyer MO, Pittet J, Schochl H, Schreiber M, Spnella PC, Stanworth S, Winfield R, Brohi K. The Research Agenda for Trauma Critical Care. *Intensive Care Medicine*. 2017;DOI 10.1007/s00134-017-4895-9.
261. Case JJ, Khan N, Delrahim M, Dizdarevic J, Nichols DJ, Schreiber MA, Deloughery TG, Khan A. Association of massive transfusion for resuscitation in gastrointestinal bleeding with transfusion-related acute lung injury. *Indian Journal of Critical Care Medicine*. 2017;21:506-13.
262. Holcomb JB, Swartz MD, DeSantis SM, Greene TJ, Fox EE, Stein DM, Bulger EM, Kerby JD, Goodman M, **Schreiber MA**, Zielinski MD, O'Keeffe T, Inaba K, Tomasek JS, Podbielski JM, Appana S, Yi M, Wade CE; PROHS Study Group. Multicenter Observational Prehospital Resuscitation on Helicopter Study. *Journal of Trauma and Acute Care Surgery*. 2017;83(1 Supp 1):S83-91.
263. Chang R, Fox EE, Greene TJ, Eastridge BJ, Gilani R, Chung KK, DeSantis SM, DuBose JJ, Tomasek JS, Fortuna GR Jr, Sams VG, Todd SR, Podbielski J, Wade CE, Holcomb JB; **NCTH Study Group**. Multicenter Retrospective Study of Noncompressible Tors Hemorrhage: Anatomic Locations of Bleeding and Comparison of Endovascular Versus Open Approach. *Journal of Trauma and Acute Care Surgery*. 2017;83:11-18.
264. Rao A, Lin A, Hilliard C, Fu R, Lennox T, Barbosa R, **Schreiber M**, Rowell S. The Utility of Thromboelastography for Predicting the Risk of Progression of Intracranial Hemorrhage in Traumatic Brain Injury Patients. *Neurosurgery*. 2017;64(CN\_suppl\_1):182-187.
265. Galvano SM Jr, Fox EE, Appana SN, Baraniuk S, Bosarge PL, Bulger EM, Callcut RA, Cotton BA, Goodman M, Inaba K, O'Keeffe T, **Schreiber MA**, Wade CE, Scalea TM, Holcomb JB, Stein DM. Outcomes Following Concomitant Traumatic Brain Injury and Hemorrhagic Shock: A Secondary Analysis from the PROPPR Trial. *Journal of Trauma and Acute Care Surgery*. 2017;83:668-674.
266. Shackford SR, Dunne, Casey E. Karmy-Jones R; Long W, Desarom MD, **Schreiber MA**, Watson J; Watson Cheri, McIntyre RC, Ferrigno L, Shapiro ML, Southerland K, Dunn JA, Reckard P, Scalea TM, Brenner M, Teeter W. The Evolution of Care Improves Outcome in Blunt Thoracic Aortic Injury: A Western Trauma Association Multicenter Study. *Journal of Trauma and Acute Care Surgery*. 2017;83:1006-1013.
267. Martin MJ, Bush LD, Inaba K, Byerly S, **Schreiber MA**, Peck KA, Barmparas G, Menaker J, Hazelton JP, Coimbra R, Zielinski MD, Brown CVR,

- Ball CG, Cherry-Bukowiec JR, Burlew CC, Dunn J, Minshall CT, Carrick MM, Berg GM, Demetriades D, Long W and the WTA C-Spine Study Group. *Journal of Trauma and Acute Care Surgery*. 2017;83:1032-1040.
268. Van PY, Holcomb JB, **Schreiber MA**. Novel Concepts for Damage Control Resuscitation in Trauma. *Current Opinion in Critical Care*. 2017;23:498-502.
269. McCully BH, Underwood SJ, Kiraly L, Holcomb JB, Robinson BRH, Minei JP, Stewart RM, Cotton BA, Gordon NT, Martin DT, Rick EA, Dean RK, Wiles C, Anderson N, **Schreiber MA**. The Effects of Cryopreserved Red Blood Cell Transfusion on Tissue Oxygenation in Obese Trauma Patients. *Journal of Trauma and Acute Care Surgery*. 2018;84:104-111.
270. Taylor JR 3<sup>rd</sup>, Fox EE, Holcomb JB, Rizoli S, Inaba K, **Schreiber MA**, Brasel K, Scalea TM, Wade CE, Bulger E, Cotton BA. The Hyperfibrinolytic Phenotype is the Most Lethal and Resource Intense Presentation of Fibrinolysis in Massive Transfusion Patients. *Journal of Trauma and Acute Care Surgery*. 2018;84:25-30.
271. Hinson HE, Rowell S, Morris C, Lin AL, **Schreiber MA**. Early Fever after Trauma: Does it Matter? *Journal of Trauma and Acute Care Surgery*. 2018;84:19-24.
272. Chang R, Holcomb JB, Johansson PI, Pati S, **Schreiber MA**, Wade CE. Plasma Resuscitation Improved Survival in a Cecal Ligation and Puncture Rat Model of Sepsis. *Shock*. 2018;49:53-61.
273. Gerhardt CR, Glassberg E, Holcomb JB, Mabry RL, **Schreiber MA**, Spinella PC. 2016 Military Supplement Tactical Study of Care Originating in the Prehospital Environment (TACSCOPE): Acute Traumatic Coagulopathy on the Contemporary Battlefield. *Shock*. 2016; Jul 11. [Epub ahead of print].
274. Connelly CR, Van PY, Hart KD, Louis SG, Fair KA, Erickson AS, Rick EA, Simeon EC, Bulger EM, Arbabi S, Holcomb JB, Moore LJ, **Schreiber MA**. Thrombelastography-Based Dosing of Enoxaparin for Thromboprophylaxis in Trauma and Surgical Patients: A Randomized Clinical Trial. *JAMA Surgery*. 2016; Aug 3. [Epub ahead of print].
275. Hinson HE, Schreiber MA, Laurie AL, Baguley IJ, Bourdette D, Ling GS. Early Fever As a Predictor of Paroxysmal Sympathetic Hyperactivity in Traumatic Brain Injury. *Journal of Head Trauma Rehabilitation*. 2017; Jan 5. [Epub ahead of print].

276. Harvin JA, Maxim T, Inaba K, Martinez-Aguilar MA, King DR, Choudhry AJ, Zielinski MD, Akinyeye S, Todd SR, Griffin RL, Kerby JD, Bailey JA, Livingston DH, Cunningham K, Stein DM, Cattin L, Bulger EM, Wilson A, Undurraga Perl VJ, **Schreiber MA**, Cherry-Bukowiec JR, Alam HB, Holcomb JB. Mortality Following Emergent Trauma Laparotomy: A Multicenter, Retrospective Study: Mortality after Emergent Trauma Laparotomy. *Journal of Trauma and Acute Care Surgery*. 2017;Jun 9. [Epub ahead of print].
277. Martin MJ, Bush LD, Inaba K, Byerly S, **Schreiber M**, Peck KA, Barmparas G, Menaker J, Hazelton JP, Coimbra R, Zielinski MD, Brown CVR, Ball CG, Cherry-Bukowiec JR, Burlew CC, Dunn J, Minshall CT, Carrick M, Berg GM, Demetriades D, Long W; WTA C-Spine Study Group. *Journal of Trauma and Acute Care Surgery*. 2017;Jul 19. [Epub ahead of print].
278. Asehnoune K, Balogh Z, Citerio G, Cap A, Billiar T, Stocchetti N, Cohen MJ, Pelosi P, Currn N, Gaarder C, Gruen R, Holcomb J, Hunt BJ, Juffermans NP, Magele M, Midwinter M, Moore FA, O'Dwyer M, Pittet JF, Schochl H, **Schreiber M**, Spinella PC, Staunworth S, Winfield R, Brohi K. *Intensive Care Medicine*. 2017;Jul 29. [Epub ahead of print].
279. Schochl H, Grottke O, Sutor K, Dony K, **Schreiber M**, Ranucci M, Collins PW. Theoretical Modeling of Coagulation Management with Therapeutic Plasma or Prothrombin Complex Concentrate. *Anesthesia Analgesia*. 2017;Aug 24. [Epub ahead of print].
280. Robinson BRH, Cohen MJ, Holcomb JB, Pritts TA, Goma D, Fox EE, Branson RD, Callcut RA, Cotton BA, **Schreiber MA**, Brasel KJ, Pittet JF, Inaba K, Kerby JD, Scalea TM, Wade CE, Bulger EM; PROPPR Study Group. Risk Factors for the Development of Acute Respiratory Distress Syndrome Following Hemorrhage. *Shock*. 2017;Nov 30. [Epub ahead of print].
281. Yonge JD, Bohan PK, Watson JJ, Connelly CR, Eastes L, **Schreiber MA**. The Respiratory Rate: A Neglected Triage Tool for Pre-hospital Identification of Trauma Patients. *World Journal of Surgery*. 2017;Dec 8. [Epub ahead of print].
282. Potter Dr, Miyazawa BY, Gibb SL, Deng X, Togaratti PP, Croze RH, Srivastava AK, Trivedi A, Matthay M, Holcomb JB, **Schreiber MA**, Pati S. Mesenchymal Stem Cell Derived Extracellular Vesicles Attenuate Pulmonary Vascular Permeability and Lung Injury Induced by Hemorrhagic Shock and Trauma. *Journal of Trauma and Acute Care Surgery*. 2017;Dec 14. [Epub ahead of print].
283. Hodgman EI, Cripps MW, Mina MJ, Bulger EM, **Schreiber MA**, Brasel KJ, Cohen MJ, Muskat PC, Myers JG, Alarcon LH, Rahbar MH, Holcomb JB, Cotton BA, Fox EE, Del Junco DJ, Wade Ce, Phelan HA; PROMMTT Study

- Group. Journal of Trauma and Acute Care Surgery. 2017;Dec 1. [Epub ahead of print].
284. Chang R, Fox EE, Green TJ, Swartz MD, DeSantis SM, Stein DM, Bulger EM, Melton SM, Goodman MD, **Schreiber MA**, Zielinski MD, O’Keeffe T, Inaba K, Tomasek JS, Podbielski JM, Appana S, Yi M, Johansson PI, Henriksen HH, Stensaballe J, Steinmetz J, Wade CE, Holcomb JB; PROHS Study Group. Abnormalities of Laboratory Coagulation Tests Versus Clinically Evident Coagulopathic Bleeding: Results from the Prehospital Resuscitation on Helicopters Study (PROHS). Surgery. 2017;Dec 27. [Epub ahead of print].
285. Smith S, McCully B, Bommasamy A, Murphy J, Behrens B, Pati S, Goodman A, **Schreiber M**. A Combat Relevant Model for the Creation of Acute Lung Injury in Swine. Journal of Trauma and Acute Care Surgery. 2017;Dec 28. [Epub ahead of print].

#### **PUBLISHED ABSTRACTS**

1. Morrison CA, Capps R, Hoshov N, **Schreiber MA**, Simultaneous Hyperparathyroidism and Pancreatitis with Cholelithiasis in the Gravid Patient. Southern Medical Journal. 1996; 89:S122.
2. **Schreiber MA**, Gentilello LM, Rhee P, Jurkovich GJ, Maier RV, Limiting Computed Tomography to Patients With Peritoneal Lavage Positive Results Reduces Cost and Unnecessary Celiotomies in Blunt Trauma. Journal of the American Medical Association. 1996;276;1702g.
3. Parker MV, **Schreiber MA**, Substernal Goiter: Is Operative Management Mandatory. Southern Medical Journal. 1998;91;S104.
4. Le DV, Ceruti RP, Nessen SC, **Schreiber MA**, Bradley JP, Giant Carcinomatous Lung Abscess. Southern Medical Journal. 1998;91;S18.
5. **Schreiber MA**, Aoki N, Scott BG, Robertson C, Beck Jr, Valadka A, Determinants of Mortality in Patients with Severe Blunt Head Injury. Journal of Trauma. 2000;49:1165.
6. **Schreiber MA**, Brill SA, Stewart T. Base Deficit Does not Predict Mortality When it is Secondary to Hyperchloremic Acidosis. Shock. 2001;Supplement to Volume 15:1.
7. **Schreiber MA**, Charles N, Kopchinski B, Stewart T. The Effect of Urokinase on Bleeding and the Coagulation Cascade in a Pig Liver Injury Model. Supplement to The Journal of Thrombosis and Haemostasis, Abstract P407, July 2001 (ISSN 0340-6245)

8. **Schreiber MA**, Holcomb JB, Hedner U, Brundage SI, Macaitis J, Meng ZH, Aoki N, Tweardy D, Hoots K. The Effect of Recombinant Factor VIIa on Non-coagulopathic Pigs with Grade V Liver Injuries. Supplement to The Journal of Thrombosis and Haemostasis, Abstract OC 1762, July 2001 (ISSN 0340-6245)
9. **Schreiber MA**, Holcomb JB, Conaway CW, Campbell KD, Wall M, Mattox KL. Military Trauma Training Performed in a Civilian Trauma Center. Journal of Surgical Research. 2001;100:272.
10. **Schreiber MA**, Holcomb JB, Brundage SI, Macaitis JM, Tweardy DJ, Hedner U, Hoots K. The Effect of Recombinant Factor VIIa on Coagulopathic Pigs with Grade V Liver Injuries. Journal of Trauma. 2001;51:1233.
11. Brundage SI, **Schreiber MA**, Mastrangelo MA, Holcomb JB, Macaitis J, Moreno CE, Tweardy DJ. Uncontrolled Hemorrhagic Shock in Swine Causes Liver Injury Accompanied by Local Production of Interleukin-6 and Granulocyte Colony-Stimulating Factor mRNA. Journal of Trauma. 2001;51:1234.
12. Brundage SI, **Schreiber MA**, Holcomb JB, Zautke NA, Mastrangelo MA, Xu XQ, Macaitis JM, Tweardy DJ. Recombinant Activated VII for Adjunctive Hemorrhage Control Reduces Nuclear Factor Kappa Beta Activation in a Hypothermic Coagulopathic Swine Model of Uncontrolled Hemorrhagic Shock. Shock. 2003;Supplement to Volume 19:134.
13. Todd SR, Malinoski D, **Schreiber MA**. Lactated Ringer's is Superior to Normal Saline in Uncontrolled Hemorrhagic Shock. Shock. 2003;Supplement to Volume 19:169.
14. Todd SR, Malinoski D, **Schreiber MA**. Hextend Attenuates the Hypercoagulability Following Severe Liver Injury in Swine. Journal of Trauma. 2004;56:226.
15. Stefater, Brundage SI, Watters J, Zautke N, Todd SR, Lam, **Schreiber MA**. Lactated Ringer's does not Increase Inflammation after Shock. Shock 2004;Supplement to Volume 21:458.
16. **Schreiber MA**, Differding JA, Thorborg P, Mayberry JC, Mullins RJ. Hypercoagulability is Most Prevalent Early after Injury and in Females. Journal of Trauma. 2004;57:445.
17. Differding JA, Watters JM, Muller PJ, **Schreiber MA**. The Correlation between Mean Arterial Blood Pressure and Tissue Oxygenation after Uncontrolled Hemorrhagic Shock. Journal of Surgical Research. 2004;126:336-337.



18. Watters JM, Jackson T, Muller PJ, Malinoski D, Todd SR, **Schreiber MA**. Fluid Resuscitation Increases Inflammatory Response to Traumatic Injury. *Journal of Trauma*. 2004;57:1378.
19. Watters JM, Differding JA, Muller PJ, **Schreiber MA**. A Single Bolus of 3% Hypertonic Saline with Dextran Provides Optimal Resuscitation after Uncontrolled Hemorrhagic Shock. *Journal of Trauma*. 2005;58:216.
20. Wiesberg TT, Differding JA, Enomoto TM, Sawai RS, Muller PJ, **Schreiber MA**. Resuscitation with Lactated Ringer's (LR) vs. Normal Saline (NS) Leads to a Hypercoagulable State in an Uncontrolled Hemorrhagic Shock Swine Model. *Journal of Trauma*. 2006;59:1538.
21. Sawai RS, Differding JA, Watters JM, **Schreiber MA**. Circulating Interleukin-8 is Predictive of Inflammatory Dysfunction in Trauma. *Journal of Trauma*. 2006;59:1541.
22. Englehart M, Tieu B, Kiraly L, Sawai R, **Schreiber MA**. The Influence of Anesthesia on a Swine Model of Hemorrhagic Shock. *Shock*. 2006;25:58.
23. Tieu B, Enomoto TM, Phillips C, Hagg D, Wiesberg T, Muller P, **Schreiber MA**. Resuscitation with Normal Saline (NS) Increased Volume Requirement, Increased Cardiac Output and Decreased Systemic Vascular Resistance compared to Lactated Ringers (LR) in an Uncontrolled Hemorrhagic Shock Model in Swine. *Journal of the American College of Surgeons*. 2006;32:S32.
24. Karmy-Jones R, Jurkovich GJ, Velmahos GC, Burdick T, Spaniolas K, Todd SR, McNally M, Jacoby RC, Link D, Janczyk RJ, Ivascu FA, McCann M, Obeid F, Hoff WS, McQuay N, Tieu BH, **Schreiber MA**, Niurla R, Brasel K, Dunn JA, Gambrell D, Huckfeldt R, Harper J, Schaffer KB, Tominaga GT, Vinces FY. Practice Patterns and Outcomes of Retrievable Vena Cava Filters in Trauma Patients: AAST Multi-Center Study. *Journal of Trauma*. 2006;61:491.
25. Perkins J, **Schreiber MA**, Wade CE, Holcomb JB. Early vs. Late Recombinant Factor VIIa Usage in Trauma patients Requiring Massive Transfusion in Combat Support Hospitals. *Journal of Trauma*. 2006;61:505.
26. Kiraly LN, Sawai RS, Watters JM, Differding JA, Wiesberg TT, Muller PJ, **Schreiber MA**. 7.5% Saline with Dextran Resuscitation Causes Dysfunctional Inflammation in Uncontrolled Hemorrhagic Shock. *Journal of Trauma*. 2006;61:1559.
27. Englehart MS, Kiraly LN, Tieu BH, Sawai RS, Underwood SA, Muller PJ, **Schreiber MA**. Ketamine-Based Total Intravenous Anesthesia (TIVA) is Superior to Isoflurane (ISO) in a Swine Model of Hemorrhagic Shock. *Journal of Trauma*. 2006;61:1559.

28. Norton RL, Mullins RJ, Hedges JR, **Schreiber MA**, Eastes L. Matching trauma team response to need in a level 1 trauma system. Presented at the 2006 ACEP Scientific Assembly (New Orleans, LA, October, 2006). *Ann Emerg Med* 2006;48(4, Suppl 1):S84.
29. Tieu B, Luem BS, Riha G, **Schreiber MA**. The Use of the Wittmann patch Facilitates a High Rate of Fascial Closure in Severely Injured Trauma Patients and Critically Ill Emergency Surgery Patients. *Journal of Trauma*. 2007;62:273.
30. Gee A, Sawai R, Differding J, Underwood S, **Schreiber M**. The Influence of Sex Hormones on Coagulation & Inflammation in the Trauma Patient. *Shock*. 2007;27:67.
31. Sondeen J, Shults C, Holcomb J, Alam H, **Schreiber MA**. Reproducibility of a Complex Hemorrhage Shock Model and Tissue Injury in Swine at Three Academic Research Centers. *Shock*. 2007;27:74.
32. **Schreiber MA**, Esposito TJ. Research: Questions and Answers from Academic Trauma Surgeons. *Journal of Trauma*. 2007;63:484.
33. Englehart MS, Tieu BH, Cho SD, Morris MS, Underwood SJ, Muller PJ, **Schreiber MA**. A Novel Highly Porous Silica and Chitosan based Hemostatic Dressing is Superior to Hemcon and Gauze Sponges. *Journal of Trauma*. 2007;63:1429.
34. Phillips CR, Hagg DS, Tieu BH, Enomoto TM, Sawai RS, Wiesberg TT, Differding JA, Watters JM, **Schreiber MA**. Early Resuscitation of Hemorrhagic Shock in Swine: A comparison of the Effects of Normal Saline And Lactated Ringer's on EVLW Formation, Oxygenation and Hemodynamics. *Critical Care*. 2007;11(supplement 2):406.
35. Kiraly LN, Englehart MS, Tieu BH, Differding JA, Underwood SJ, Singh G, **Schreiber MA**. Transfusion of Stored Red Blood Cells Results in Decreased Tissue Oxygenation in Critically Injured Trauma Patients. *Journal of Trauma*. 2008;64:247.
36. Gee AC, Englehart MS, Tieu BH, Cho SD, Morris MS, Krahan A, Underwood, Muller PJ, **Schreiber MA**. Comparison of Inhaled and Intravenous Anesthetic Regimens on Hemodynamics and Inflammation in a Porcine Model of Goal-Directed Resuscitation of Hemorrhagic Shock. *Journal of Surgical Research*. 2008;144:425.
37. **Schreiber MA**. Point of Care Diagnostics for Assessment of Acute Coagulopathy. *Inflammation Research*. 2010;59:S114.

38. **Schreiber MA.** The Use of the Wittmann Patch Facilitates a High Rate of Fascial Closure in Severely Injured Trauma and Critically Ill Surgery Patients. *Inflammation Research.* 2010;59:S138.
39. **Schreiber MA.** Indications for and Use of Pre-thawed Fresh Frozen Plasma. *Inflammation Research.* 2010;59:S148.
40. Hamilton G, Spoerke N, Alexandridis A, Kremenevskiy I, Cho S, Zink K, Differding J, Karahan A, Watters J, Sondeen J, Holcomb J, **Schreiber M.** Lyophilized Plasma Decreases Pro-Inflammatory Cytokine Synthesis in Severe Hemorrhagic Shock. *Shock.* 2010;33:P62.
41. Van P, Holden W, Spoerke N, Sambasivan C, Differding J, Watters J, Phillips C, **Schreiber M.** Nitric Oxide Regulates Auto-Resuscitation in Hemorrhagic Shock. *Shock.* 2010;33:P105.
42. Riha GM, Kunio NR, Van PY, Kremenevskiy I, Anderson R, Hamilton GJ, Differding JA, **Schreiber MA.** Uncontrolled Hemorrhagic Shock Results in a Hypercoagulable State Modulated by Initial Fluid Resuscitation Regimens. *Journal of the American College of Surgeons.* 2011;213:S55.
43. Kunio NR, Riha GM, Watson KM, Kremenevskiy IV, Differding JA, **Schreiber MA,** Watters JM. Chitosan Based Hemostatic Dressing is Associated with Decreased Blood Loss in a Swine Uncontrolled Hemorrhage Model. *Journal of the American College of Surgeons.* 2012;215:S54.
44. Barton JS, Fischer PE, Underwood SJ, **Schreiber MA,** Watters JM. Pediatric Venous Thromboembolism Following Trauma: A Review of the National Trauma Data Bank. *Journal of the American College of Surgeons.* 2012;215:S77.
45. Barton JS, Fischer PE, Underwood SJ, **Schreiber MA,** Watters JM. Pediatric Venous Thromboembolism Following Trauma: A Review of the National Trauma Data Bank. *Journal of the American College of Surgeons.* 2012;215:S77.
46. Hampton DA, McCully BH, Lee TH, Kutcher M, Redick BJ, Podbielski J, Welch T, Cohen MJ, Cotton BA, **Schreiber MA.** Obese Patients are at Increased Risk for Venous Thromboembolism in Trauma. *Journal of the American College of Surgeons.* 2013;217:S51.
47. McCully SP, Hampton DA, Lee TH, Redick BJ, Kutcher ME, Podbielski JM, Diggs BS, Cotton BA, Cohen MJ, **Schreiber MA.** Hypotension, Anemia, and Abnormal Partial Thromboplastin Time Accurately predict the Need for Massive Transfusion in Trauma Patients. *Journal of the American College of Surgeons.* 2014;219:S45.

48. Martin DT, Gries H, Diggs BS, Koh JL, Selden NR, **Schreiber MA**, Kuang AA. Implementation of Tranexamic Acid to Reduce Blood Loss During Cranial Vault Remodeling for Craniosynostosis at a Single Institution. *Plastic Reconstructive Surgery*. 2014;134(4 Supp 1):22.
49. Case J, Delrahim M, Dizdarevic J, Khan N, Khan A, **Schreiber M**, Nichols D, DeLoughery T. Association between TRALI and Massive Transfusion for Gastrointestinal Bleeding in a Tertiary MICU. *Critical Care Medicine*. 2014;42(12 Supp):420.
50. Barton C, Case J, Ferguson M, Johnson N, Roberti G, Zimmerman J, McMillian W, **Schreiber M**. Elevated Risk of Thromboembolic Events after Novel Anticoagulation Reversal Protocol. *Critical Care Medicine*. 2014;42(12 Supp):460.
51. Undurraga VJ, Ham B, Laird A, Mullins RJ, Diggs BS, **Schreiber MA**. Rural Trauma Team Development Course Decreases Transfer Times. *Journal of the American College of Surgeons*. 2015;221:S135.
52. Chang AL, Hoehn RS, Jernigan PL, **Schreiber M**, Robinson BR, Pritts TA. Previous Cryopreservation Accelerates Subsequent Liquid-Phase Development of the Red Blood Cell Storage Lesion. *Shock*. 2015;43:S169.
53. Cannon JW, Hurst K, Brostoff N, Namas R, Cotton B, **Schreiber M**, Chung S, Chang A, Cap A, Vodovotz Y. Trauma In Silico: A Computational Model of Acute Hemorrhage, Coagulopathy and Resuscitation. *Shock*. 2016;45:S90.
54. Connelly CR, Martin DT, Kemp Bohan, PM, Zeppenfeld D, Dean R, Rick ER, **Schreiber MA**, McCully BH. Obese Rats Demonstrate an Imbalance in Thrombomodulin to Endothelial Protein C Receptor Expression after Hemorrhagic Shock. *Shock*. 2017;47:S72.

## CHAPTERS

1. Hirshberg A, **Schreiber MA**. Crucial Controversies in Vascular Trauma. In: Schein M, Wise L (Editors) – *Crucial Controversies in Surgery, Volume 4*, Lippincott Williams & Wilkins, Philadelphia. pp 321-324, 2000.
2. **Schreiber MA**, Mattox KL. Visceral Vascular Injury. In: Yao JS, Pearce WH, (Editors) - *Current Techniques in Vascular Surgery*, McGraw-Hill. pp 401-418, 2000.

3. **Schreiber MA.** Approach to Penetrating Abdominal Trauma. In: Toy EC, Liu TH (Editors) - Case Files: Surgery, McGraw-Hill, New York. pp 149-156, 2004.
4. Mayberry JC, **Schreiber MA.** Guest Editors. Trauma. Critical Care Clinics, Volume 20, Saunders, Philadelphia. 2004.
5. **Schreiber MA.** Approach to Penetrating Trauma. In: Toy EC, Liu TH, Campbell AR (Editors) – Case Files 2<sup>nd</sup> Edition: Surgery, McGraw-Hill, New York. pp 121-127, 2006.
6. **Schreiber MA,** Tieu B, Kiraly L, Englehart M. Resuscitation Fluids. In: Asensio JA, Trunkey DD (Editors) – Current Therapy of Trauma and Surgical Critical Care. Mosby Elsevier, Philadelphia. pp 106-114, 2008.
7. Englehart M, Tieu B, **Schreiber MA.** Endpoints of Resuscitation. In: Asensio JA, Trunkey DD (Editors) – Current Therapy of Trauma and Surgical Critical Care. Mosby Elsevier, Philadelphia. pp 143-146, 2008.
8. Malinoski DJ, **Schreiber MA,** Mullins RJ. “Correlation of Central Venous and Arterial Blood Gas Measurements in Mechanically Ventilated Trauma Patients.” International Respiratory Care Clinics and Technology: Update in Respiratory Care Technology. pp 508-513, 2008.
9. **Schreiber MA.** Approach to Penetrating Trauma. In: Toy EC, Liu TH, Campbell AR (Editors) – Case Files 3<sup>rd</sup> Edition: Surgery, McGraw-Hill, New York. pp 139 - 145, 2009.
10. Van PY, **Schreiber MA.** Initial Evaluation and Resuscitation of the Trauma Patient. In: Cameron JL, Cameron AM (Editors) – Current Surgical Therapy 10<sup>th</sup> Edition. Elsevier Saunders, Philadelphia. pp 891 – 895, 2011.
11. Nahooraii R, **Schreiber MA.** Postoperative Resuscitation. In: Martin MJ, Beekley AC (Editors) – Front Line Surgery 1<sup>st</sup> Edition: Springer, New York. pp 421 – 429, 2011.
12. Villalba MR, **Schreiber MA.** Coagulopathies, Thrombotic disorders and Blood Component Therapy. In: Roberts PR, Todd SR (Editors) – Comprehensive Critical Care: Adult 1<sup>st</sup> Edition: Society of Critical Care Medicine, Mount Prospect, Illinois: pp 550 – 569, 2012.
13. Kunio NR, **Schreiber MA.** Topical Hemostatic Agents. In: Kitchens CS, Kessler CM, Konkle BA (Editors) – Consultative Hemostasis and Thrombosis 3<sup>rd</sup> Edition: Elsevier Saunders, Philadelphia. pp 538 – 545, 2013.
14. Pharaon KS, **Schreiber MA.** Subclavian Artery and Vein Injuries. In: Dua A, Desai SS, Holcomb JB, Burgess AR, Freischlag JA (Editors) – Clinical Review of

- Vascular Trauma: Springer, Heidelberg, New York, Dordrecht, London. pp 169 – 180, 2014.
15. Fischer PE, DeLoughery TG, **Schreiber MA**. Hematologic Changes with Aging. In: Yelon JA, Luchette FA (Editors) – Geriatric Trauma and Critical Care. Springer, New York, Heidelberg, Dordrecht, London. pp 55 – 60, 2014.
  16. Barbosa R, Tieu B, Kiraly L, Englehart M, **Schreiber M**, Rowell S. Resuscitation Fluids. In: Ascensio JA, Trunkey DT (Editors) – Current Therapy of Trauma and Surgical Critical Care 2<sup>nd</sup> Edition: Elsevier, Philadelphia. pp 70 – 76, 2016.
  17. Rowell S, Barbosa R, Englehart M, Tieu B, **Schreiber M**. Endpoints of Resuscitation. Resuscitation Fluids. In: Ascensio JA, Trunkey DT (Editors) – Current Therapy of Trauma and Surgical Critical Care 2<sup>nd</sup> Edition: Elsevier, Philadelphia. pp 123 – 126, 2016.
  18. Sherry SP, **Schreiber MA**. The Open Abdomen and Temporary Abdominal Closure Techniques. In: Taylor DA, Sherry SP, Sing RF. (Editors) – Interventional Critical Care. Springer, Switzerland. pp 339 – 348, 2016.
  19. **Schreiber MA**. (Commentary) Authors: Norman H, Hong JJ. Large Bowel Obstruction. In: Cohn SM, Dolich MO, Inaba K. (Editors) – Acute Care Surgery and Trauma, Evidenced – Based Practice. CRC Press, Boca Raton, Florida. p 536, 2016.
  20. Lee T, **Schreiber MA**. Fluids and Electrolytes in Clinical Decision Support: Surgery, edited by Lillemoe K, de Moya M, House M, Hutter M. 2016. Decision Support in Medicine, LLC. Wilmington, DE.
  21. Yonge JD, Bohan PK, Connelly CR, **Schreiber MA**. An Initial Approach to the Bleeding Patient. In: Hemorrhagic Shock, Recognition, Pathophysiology and Management, edited by Pascual JL, Cannon JW. Nova Science Publishers, Inc. New York, NY. Pp 79-103, 2017.
  22. Villalba MR, **Schreiber MA**. Coagulopathies, Thrombotic Disorders and Blood Component Thereapy. In: Roberts PR, Todd Sr. (Editors) - Comprehensive Critical Care, 2<sup>nd</sup> Edition: Adult, Society of Critical Care Medicine. Mount Prospect, IL. Chapter 31. 2017.
  23. Nahoouraii R, **Schreiber M**, Bernard AC. Postoperative Resuscitation. In: Martin MJ, Beekley AC, Eckert MJ (Editors) – Front Line Surgery, 2<sup>nd</sup> Edition: Springer. Cham, Switzerland. pp 581 – 594. 2017.
  24. Nielsen J, Van P, **Schreiber M**. Modern Combat Casualty Care. In: Moore EE, Feliciano DV, Mattox KL. Trauma, 8<sup>th</sup> Edition: McGraw Hill Education. New York, NY. pp 999 – 1018. 2017.

## INVITED COMMENTARY

1. **Schreiber MA.** War Surgery: Working with Limited Resources in Armed Conflict and Other Situations of Violence, by Christos Giannouand and Marco Baldan. World Journal of Surgery. 2010;34:197.

## AUDIO PUBLICATIONS

1. **Schreiber MA.** Frozen Blood. Audio-Digest General Surgery (Program Title: Transfusion/Vascular Surgery/Coagulation). Volume 60, Issue 14, July 21, 2013. ISSN 1047-6954.

## POSTER PRESENTATIONS

1. Watters JM, Muller PJ, Differding JA, **Schreiber MA**, A Single Bolus of 3.5% Hypertonic Saline with Dextran Provides Optimal Resuscitation after Uncontrolled Hemorrhagic Shock - Presented at 2004 Advanced Technology Applications for Combat Casualty Care 2004
2. Malinoski DJ, Slater MS, **Schreiber MA**, Mullins RS. A CPK of 20,000 is a Sensitive Predictor of Myoglobinuric Renal Failure after Traumatic Rhabdomyolysis - Presented at the 62nd meeting of The American Association for the Surgery of Trauma. 2003
3. Brundage SI, **Schreiber MA**, Holcomb JB, Zautke NA, Mastrangelo MA, Xu XQ, Macaitis JM, Tweardy DJ. Recombinant Activated VII for Adjunctive Hemorrhage Control Reduces Nuclear Factor Kappa Beta Activation in a Hypothermic Coagulopathic Swine Model of Uncontrolled Hemorrhagic Shock – Presented at the Twenty-Fifth Annual Conference on Shock. 2003
4. Todd SR, Malinoski D, **Schreiber MA**. Lactated Ringer's is Superior to Normal Saline in Uncontrolled Hemorrhagic Shock - Presented at the Twenty-Fifth Annual Conference on Shock. 2003
5. Brundage SI, **Schreiber MA**, Mastrangelo MA, Holcomb JB, Macaitis JM, Moreno CE, Tweardy DJ, Increased Magnitude of Shock in a Swine Model of Uncontrolled Hemorrhage Results in Increased Liver Damage and Local IL-6 and G-CSF Production – Presented at the Twenty-Fifth Annual Conference on Shock 2002
6. Scott BG, Holcomb JB, Hess JR, **Schreiber MA**, Hudson KL, Wall MJ, Age of Packed Red Blood Cells did not Affect Mortality of Trauma Patients – Presented at The Southwest Surgical Congress May, 2001

7. Dorlac WC, Holcomb JB, Fagan SP, Kwong KL, **Schreiber MA**, Moore FA, Mattox KL, Exsanguination from Isolated Civilian Extremity Injuries – Presented at The Southwest Surgical Congress May, 2001
8. Aoki N, Scott BG, Holcomb JB, Zupan B, Demsar J, **Schreiber MA**, Brundage SI, Persse D, Beck JR, Wall MJ, Mattox KL, Prehospital Prognostic Factors for Patients with Penetrating Injury. Presented at The Southwest Surgical Congress May, 2001
9. **Schreiber MA**, Holcomb JB, Brundage SI, Maciatis JM, Tweardy D, Hedner U, Hoots K. The Effect of rFVIIa on Coagulopathic Pigs with Grade V Liver Injuries. Presented at the 6<sup>th</sup> Novo Nordisk Symposium on the Treatment of Bleeding and Thrombotic Disorders Copenhagen, Denmark May, 2001
10. **Schreiber MA**, Charles NC, Kopchinski B, Stewart T, Aoki N. The Effect of Urokinase on Bleeding and the Coagulation Cascade in a Pig Liver Injury Model.
11. Presented at the 2001 International Society of Thrombosis and Haemostasis Paris, France July, 2001
12. **Schreiber MA**, Brill S, Stewart TR, Base Deficit is a Poor Predictor of Lactic Acidosis and Mortality in Critically Ill Patients – Presented at the Michael E. DeBakey International Surgical Society 2000
13. Tyroch A, Kaups K, Lorenzo M, Solis D, **Schreiber M**, Routine Chest Radiographs are Not Indicated After Open Tracheostomy: A Multi-Center Perspective – Presented at the American Association for the Surgery of Trauma 2000
14. **Schreiber MA**, Charles NC, Kopchinski B, Stewart T, The Effect of Urokinase on Bleeding and the Coagulation Cascade in a Pig Liver Injury Model - Presented at the American Association for the Surgery of Trauma 1999
15. Hardaway RM, Kwong KL, **Schreiber MA**, William C, A New Treatment for Acute Respiratory Failure - Presented at The American College of Surgeons Fall Meeting 1998
16. **Schreiber MA**, Pusateri AE, Veit BC, Smiley RA, Morrison CA, Harris RA, Timing of Vaccination Does not Affect Antibody Response or Survival Following Pneumococcal Challenge in Splenectomized Rats – Presented at the American Association for the Surgery of Trauma 1997

## **CLINICAL PRESENTATIONS**

1. Hemorrhagic Complications of Central Venous Catheterization - Presented at the 10th Annual Gary P. Written Surgical Symposium Tacoma, WA 1988



2. Penetrating Neck Trauma on Mount Rainier-Seattle Surgical Society 1995
3. Complimentary Use of Peritoneal Lavage and CT in the Management of Blunt Abdominal Trauma - Presented at the Pacific Coast Surgical Association Scientific Program 1996
4. Effect of Pre-peritoneal and Intra-peritoneal Insufflation on Femoral Venous Flow - Presented at the Washington State Chapter Meeting of the ACS 1996
5. Abdominal Compartment Syndrome - R. E. Thomason Hospital Trauma Grand Rounds, El Paso, Texas 1998
6. Penetrating Neck Trauma - Providence Memorial Hospital Trauma Grand Rounds, El Paso, Texas 1998
7. Cost Effective Evaluation of the Abdomen in Blunt Trauma - 4th Annual Army Symposium on Trauma, San Antonio, TX 1998
8. Cost Effective Evaluation of the Abdomen in Blunt Trauma - Ben Taub General Hospital Grand Rounds 1998
9. MAST Services in El Paso: A Retrospective Analysis and Comparison to the Major Trauma Outcome Study, Current - Winner Army Trauma Competition at Gary Wratten Symposium 1998
10. Hyperchloremic Metabolic Acidosis in the Critically Ill Trauma Patient, Current - Presented At Gary Wratten Symposium 1998
11. The Effect of Tricare on a Surgical Residency Program - Presented at Gary Wratten Symposium 1998
12. Substernal Goiter: Is Operative Management Mandatory? -Winner 3rd Place in Resident Competition at the 1998 Southern Medical Association Meeting The Effect of Urokinase on Bleeding and the Coagulation Cascade in a Pig Liver Injury Model - 2nd Place Army Trauma Competition, Gary Wratten Symposium 1999
13. Cost Effective Evaluation of the Abdomen in Blunt Trauma - University of Utah Trauma Conference 1999
14. Damage Control Surgery, Physiologic Considerations - Baylor College of Medicine Anesthesia Grand Rounds 1999
15. Damage Control Surgery, Physiologic Considerations - William Beaumont Army Medical Center Multidisciplinary Trauma Conference 1999

16. Damage Control Surgery, Physiologic Considerations – Baylor College of Medicine Surgery Grand Rounds 2000
17. Trauma at Ben Taub – Hermann Hospital Trauma Development Day 2000
18. Abdominal Compartment Syndrome – William Beaumont Army Medical Center Multidisciplinary Trauma Conference 2000
19. Abdominal Compartment Syndrome – Ben Taub General Hospital Multidisciplinary Trauma Conference 2000
20. Tackling Trauma Transfers – Trauma Care 2000, Warwick Hotel, Houston, TX September 2000
21. Recombinant Factor VIIa: A Novel Approach to Hemorrhage Control, Advanced Technology Applications to Combat Casualty Care, Ft Walton Beach, FL September 2000
22. Damage Control Surgery, Physiologic Considerations – University of California San Francisco at Fresno Surgical Grand Rounds, Fresno, CA November 2000
23. Determinants of Mortality in Patients with Severe Blunt Head Injury – Michael E. DeBakey International Surgical Society, Houston, TX. November 2000
24. The Effects of Urokinase on Bleeding and the Coagulation Cascade in a Pig Liver Injury Model – Michael E. DeBakey International Surgical Society, Houston, TX. November 2000
25. Determinants of Mortality in Patients with Severe Blunt Head Injury – Eastern Association for the Surgery of Trauma, Tampa Bay, FL January 2001. Firearms in the US and at Ben Taub – Million Moms March, Greater Houston Area Chapter, Houston, TX March 2001
26. Modulation of the Coagulation Cascade in Trauma Patients – Oregon Health Sciences University Surgical Grand Rounds, Portland, OR May 2001
27. Base Deficit Does not Predict Mortality when it Secondary to Hyperchloremic Acidosis – The Shock Society, Marco Island, FL June 2001
28. The Effect of Recombinant Factor VIIa on Non-Coagulopathic Pigs with Grade V Liver Injuries – International Society on Thrombosis and Haemostasis, Paris, France July 2001

29. The Effect of Recombinant Factor VIIa on Coagulopathic Pigs with Grade V Liver Injuries – Advanced Technology Applications to Combat Casualty Care, Ft Walton Beach, FL September 2001
30. Diversion: A Necessity for Survival – The Harris County Hospital District Annual Trauma Workshop, Houston, TX October 2001
31. Adult Respiratory Distress Syndrome – Rio Grande Trauma Conference & Pediatric Trauma Update III, El Paso, TX November 2001
32. Military Trauma Training Performed in a Civilian Trauma Center – Association for Academic Surgery, Milwaukee, WI November 2001
33. The Effect of Recombinant Factor VIIa on Coagulopathic Pigs with Grade V Liver Injuries - Eastern Association for the Surgery of Trauma, Orlando, FL January 2002
34. Modulation of the Coagulation Cascade in Trauma Patients – 13<sup>th</sup> Annual Northwest states Trauma Conference, Bend, OR April 2002
35. Adult Respiratory Distress Syndrome – Oregon Health Sciences University Surgical Grand Rounds, Portland, OR October 2002
36. Modulation of the Coagulation Cascade in ICU Patients – 29<sup>th</sup> Annual Oregon Chapter of the Society of Critical Care Medicine Critical Care Symposium, Portland, OR November 2002
37. Management of the Severely Injured – 34<sup>th</sup> Annual Family Practice Review, Portland, OR February 2003
38. Modulation of the Coagulation Cascade in Trauma Patients - Grand Rounds, Brooke Army Medical Center, San Antonio, TX June 2003
39. Future Directions: Managing Anemia in the Surgical Patient - 39<sup>th</sup> Annual Meeting Oregon Chapter American College of Surgeons, Sunriver, OR September 2003
40. Modulation of the Coagulation Cascade - Grand Rounds, University of California San Francisco - East Bay, Oakland, CA October 2003
41. Abdominal Compartment Syndrome - 30<sup>th</sup> Annual Critical Care Symposium, Portland, OR October 2003
42. Resuscitation of Uncontrolled Hemorrhagic Shock - Anesthesia Grand Rounds, Oregon Health & Science University, Portland, OR January 2004

43. Management of the Severely Injured - 35th Annual Family Practice Review, Portland, OR February 2004
44. Recombinant Factor VIIa, Uses in Trauma - 33rd Critical Care Congress of the Society of Critical Care Medicine, Orlando, FL February 2004
45. Initial Resuscitation of the Trauma Patient, Hemoglobin Substitutes - 15th Annual Trauma Conference Harborview Medical Center, Seattle, WA March 2004
46. Resuscitation Pearls – 15<sup>th</sup> Annual Northwest States Trauma Conference, Sunriver, OR April 2004
47. Novel Methods of Hemorrhage Control – 15<sup>th</sup> Annual Northwest States Trauma, Conference, Sunriver, OR April 2004
48. Modulation of the Coagulation Cascade - Grand Rounds, University of Texas Houston, TX May 2004
49. Hypercoagulability is Most Prevalent Early after Injury and in Females - American Association for the Surgery of Trauma Maui, Hawaii October 2004
50. Resuscitation in 2004: Are We Doing it the Right Way? 2nd Annual Directors' Forum Maui, Hawaii October 2004
51. Catastrophic Bleeding. The American Red Cross Portland, OR October 2004
52. What's New in Resuscitation?, Novel Methods of Hemorrhage Control and Adult Respiratory Distress Syndrome in the Trauma Patient. Portneuf Trauma and Emergency Care Conference Pocatello, Idaho October 2004
53. Lactated Ringer's is Superior to Normal Saline for the Resuscitation of Hemorrhagic Shock - Grand Rounds, Oregon Health & Science University December 2004
54. Modulation of the Coagulation Cascade in Trauma Patients. St. Charles Medical Center Trauma Conference. Bend, Oregon January 2005.
55. Management of the Severely Injured - 36th Annual Family Practice Review, Portland, OR February 2005
56. Modulation of the Coagulation Cascade. Marin General Hospital Trauma Conference. Marin, California March 2005
57. An OHSU Surgeon Goes To War. 23<sup>rd</sup> Annual Northwest Winter Conference in Emergency Medicine. Sunriver, Oregon January 2006

58. Hemoglobin-Based Oxygen Carrier (HBOC) Use in Neurotrauma Care. Invited Discussant. Eastern Association for the Surgery of Trauma. Orlando, Florida January 2006
59. Control of Hemorrhage: It Pays to be Aggressive. 17<sup>th</sup> Annual Northwest States Trauma Conference. Sunriver, Oregon April 2006
60. The Iraqi Experience. 17<sup>th</sup> Annual Northwest States Trauma Conference. Sunriver, Oregon April 2006
61. Medical Care in Operation Iraqi Freedom III. Trauma Conference. Santa Rosa, CA June 2006
62. Medical Care in Operation Iraqi Freedom III. Surgical grand Rounds, Providence St. Vincent Medical Center. Portland, Oregon August 2006
63. Potential Benefits of Ketamine as a Battlefield Anesthetic. Advanced Technology Applications for Combat Casualty Care. St. Petersburg, Florida August 2006
64. Predictors of Massive Transfusion in Combat Casualties. Advanced Technology Applications for Combat Casualty Care. St. Petersburg, Florida August 2006
65. Airway Pressure Release Ventilation. Trends in Respiratory & Acute Care. Troutdale, Oregon September 2006.
66. Hemostasis in Military Casualties. Second Thrombin Symposium. Challenges in Surgical Hemostasis. Seattle, Washington September 2006.
67. Postmortem Computed Tomography (CATopsy) Predicts Cause of Death in Trauma Patients. Invited Discussant. American Association for the Surgery of Trauma. New Orleans, Louisiana September 2006.
68. Early vs. Late Recombinant Factor VIIa Usage in Trauma patients Requiring Massive Transfusion in Combat Support Hospitals. American Association for the Surgery of Trauma. New Orleans, Louisiana September 2006.
69. Early Coagulopathy after Traumatic Brain Injury: The Role of Hypoperfusion and the Protein C Pathway. Invited Discussant. American Association for the Surgery of Trauma. New Orleans, Louisiana September 2006.
70. Induction of Profound Hypothermia Improves Survival in a Swine Model of complex Vascular, Splenic, and coonic Injuries, without an Increase in Bleeding and Septic Complications. Invited Discussant. American College of Surgeons. Chicago, Illinois October 2006.

71. Comparison of Prolonged Hypotensive and Normotensive Resuscitation Strategies in a Porcine Model of Hemorrhagic Shock. Invited Discussant. American College of Surgeons. Chicago, Illinois October 2006.
72. Mesenteric Ischemia. American College of Surgeons. Chicago, Illinois October 2006.
73. Fluids and Their Effects on Hemostasis. American College of Surgeons. Chicago, Illinois October 2006.
74. Is Hypothermia after Major Injury Protective or Harmful? American College of Surgeons. Chicago, Illinois October 2006.
75. Medical Care in Operation Iraqi Freedom III. Portland Surgical Society. Portland, Oregon October 2006
76. Modulation of Coagulation. Trauma conference, Albany General Hospital. Albany, Oregon November 2006
77. Care of Patients in Operation Iraqi Freedom III. Thirty-third Annual Critical Care Symposium. Portland, Oregon November 2006
78. A Reserve Surgeon Goes to War. Annual Training Conference, 6<sup>th</sup> Medical Recruiting Battalion. Las Vegas, Nevada December 2006
79. Medical Care in Operation Iraqi Freedom III. Internal Medicine Grand Rounds, Oregon Health & Science University. Portland, Oregon January 2007
80. Endotoxin tolerance in Sepsis: Concentration Dependent Augmentation or Inhibition of LPWS-Stimulated Macrophage TNF Secretion by LPS Pretreatment. Invited Discussant. Eastern Association for the Surgery of Trauma. Fort Myers, Florida January 2007
81. Fibrin Sealants. Extremity War Injuries II. Washington DC, January 2007.
82. Novel Methods of Hemorrhage Control. 24<sup>th</sup> Annual Northwest Winter Conference in Emergency Medicine. Sunriver, OR, January 2007.
83. Novel Methods of Hemorrhage Control. Vascular Conference. Oregon Health & Science University, Portland, Oregon February 2007.
84. Resuscitation and Systemic Hemorrhage Control. 45<sup>th</sup> Critical Care, Trauma and Emergency Medicine Symposium, Las Vegas, NV February 2007.
85. Emergent Hemorrhage Control. 45<sup>th</sup> Critical Care, Trauma and Emergency Medicine Symposium, Las Vegas, NV February 2007.

86. Lessons Learned from Operation Iraqi Freedom III. 45<sup>th</sup> Critical Care, Trauma and Emergency Medicine Symposium, Las Vegas, NV February 2007.
87. The Abdominal Compartment Syndrome. 45<sup>th</sup> Critical Care, Trauma and Emergency Medicine Symposium, Las Vegas, NV February 2007.
88. Lessons Learned from Operation Iraqi Freedom III. Josephine County Medical Society Dinner, Grants Pass, Oregon May 2007.
89. Assessing the Medical Resource Needs of Combat Support Hospitals. Advanced Technology Applications for Combat Casualty Care, St. Petersburg, Florida August 2007.
90. Characterization of a novel Fibrinogen Hemostatic Agent in Animal Injury Models. Advanced Technology Applications for Combat Casualty Care, St. Petersburg, Florida August 2007.
91. Invited Discussant: Causes of Death and Injury Severity in Operation Iraqi Freedom and Operation Enduring Freedom: 2003-2004 vs. 2006. Advanced Technology Applications for Combat Casualty Care, St. Petersburg, Florida August 2007.
92. Invited Discussant: Blood Product Effect on Survival for Patients with Combat Related Injuries. Advanced Technology Applications for Combat Casualty Care, St. Petersburg, Florida August 2007.
93. Research: Questions and Answers from Academic Trauma Surgeons. American Association for the Surgery of Trauma, Las Vegas, NV September 2007.
94. Optimal Resuscitation Endpoints. American College of Surgeons. New Orleans, LA October 2007.
95. Invited Discussant: Induced Hypothermia is Associated with Improved Outcomes in Porcine Hemorrhagic Shock. American College of Surgeons. New Orleans, LA October 2007.
96. Closure of Paper. Management and Outcome of Pneumatosis Intestinalis. North Pacific Surgical Association. Victoria, British Columbia. November 2007.
97. Permissive Hypotension, Fluid Resuscitation and Coagulopathies in the Trauma Patient. Kadlec Hospital Grand Rounds. Richland, Washington. December 2007.
98. Lessons Learned in the War on Terror. East Bay Surgical Society. Walnut Creek, California. February 2008.

99. The Effect of Fluid on Coagulation. Highland Hospital Surgical Grand Rounds. Oakland, California February 2008.
100. The Use of Leukoreduced Blood does not Reduce Infection, Organ Failure, or Mortality Following Trauma. Senior Discussant. Pacific Coast Surgical Association, 79<sup>th</sup> Meeting. San Diego, California February 2008.
101. Is There a Role for Aggressive use of Fresh Frozen Plasma in Massive Transfusion of Civilian Trauma Patients? Invited Discussant. Southwestern Surgical Congress. Acapulco, Mexico April 2008.
102. Ongoing Medical Advances in the War on Terror. Northwest States Trauma Conference. Bend, Oregon April 2008.
103. Blood Transfusions: Kindness or Murder. Northwest States Trauma Conference. Bend, Oregon April 2008.
104. Good Drugs Gone Bad! Antithrombotic Agents and Their Reversal in Trauma. Adding Insult to Injury: The Role of Chronic Conditions in Acute Trauma Care. Billings, Montana May 2008.
105. Fluid Modulates Coagulation after Trauma. Adding Insult to Injury: The Role of Chronic Conditions in Acute Trauma Care. Billings, Montana May 2008.
106. Medical Advances Made in the War on Terror. Billings Clinic Grand Rounds. Billings, Montana May 2008.
107. Fibrin Sealants to Stop Bleeding in Surgery. American College of Surgeons 94<sup>th</sup> Annual Congress. San Francisco, California October 2008.
108. Modern Control of Hemorrhage. Balboa Naval Hospital Grand Rounds. San Diego, California January 2009.
109. The Use of Lyophilized Plasma for Resuscitation in a Swine Model of Resuscitation. 80<sup>th</sup> Annual Meeting of the Pacific Coast Surgical Association. San Francisco, California February 2009.
110. A Simplified Set of Trauma Triage Criteria Safely Reduces Over-Triage: A Prospective Study. Invited Discussant. 80<sup>th</sup> Annual Meeting of the Pacific Coast Surgical Association. San Francisco, California February 2009.
111. Admission Ionized Calcium Levels Predict the Need for Multiple Transfusions: A Prospective Study of 591 Critically-Ill Trauma Patients. Invited Discussant. American Association for the Surgery of Trauma. Pittsburgh, Pennsylvania October 2009.



112. Activated Recombinant Factor VIIa Reduces Repeated Operations for Hemorrhage Following Major Abdominal Surgery. Invited Discussant. 80<sup>th</sup> Annual Meeting of the Pacific Coast Surgical Association. San Francisco, California February 2009.
113. Progress with New Formulations of Lyophilized Plasma. Advanced Technology Applications for Combat Casualty Care, St. Petersburg, Florida August 2009.
114. New Hemostatic Agents to Control Bleeding; Meet the Expert Luncheon. American College of Surgeons, Chicago, Illinois October 2009
115. Surgical Resident Perceptions of Trauma Surgery as a Specialty. Invited Discussant. American College of Surgeons, Chicago, Illinois October 2009
116. Resuscitation of Hemorrhagic Shock in 2009. Detroit Trauma Symposium. Detroit, Michigan November 2009
117. Modern Methods of Hemorrhage Control. Detroit Trauma Symposium. Detroit, Michigan November 2009
118. Splenectomy May Lead to a Persistent Hypercoagulable State after Trauma. North Pacific Surgical Association. Portland, OR November 2009
119. How Bad is Blood? 36<sup>th</sup> Annual Critical Care Symposium. Portland, OR November 2009.
120. Normal Saline. Prehospital Fluid Conference. Dallas, Texas January 2010.
121. Ethanol Consumption Increases Serum Testosterone in Healthy Volunteers. Pacific Coast Surgical Association. Maui, Hawaii February 2010.
122. The Impact of ABO-Identical Versus ABO-Compatible, Nonidentical Plasma Transfusion in Trauma Patients. (Invited Discussant) Pacific Coast Surgical Association. Maui, Hawaii February 2010.
123. Indications for and Risks of Pre-thawed Fresh Frozen Plasma. 8<sup>th</sup> World Congress on Trauma, Shock, Inflammation and Sepsis. Munich, Germany March 2010.
124. The Use of the Wittmann Patch Facilitates a High Rate of Fascial Closure in Severely Injured Trauma Patients and Critically Ill Surgery Patients. 8<sup>th</sup> World Congress on Trauma, Shock, Inflammation and Sepsis. Munich, Germany March 2010.

125. Point of Care Diagnostics for Assessment of Acute Coagulopathy. 8<sup>th</sup> World Congress on Trauma, Shock, Inflammation and Sepsis. Munich, Germany March 2010.
126. Necrotizing Fasciitis. Trauma, Critical Care & Acute Care Surgery 2010. Las Vegas, Nevada March 2010.
127. Blood Volume Repletion is Optimally Performed in the ICU. Trauma, Critical Care & Acute Care Surgery 2010. Las Vegas, Nevada March 2010.
128. The Effects of Systemic Trauma on Coagulation. Trans Agency Coagulopathy in Trauma Workshop. National Institutes of Health. Bethesda, Maryland April 2010.
129. The Joint Theater Trauma System. CENTCOM Surgeon's Conference. Qatar June 2010.
130. Blood Transfusions, Kindness or Murder. Grand Rounds Craig Joint Theater Hospital. Bagram, Afghanistan July 2010.
131. Joint Theater Trauma System, Applications to Civilian Systems. 96<sup>th</sup> Annual Congress of the American College of Surgeons. Washington DC, October 2010.
132. The Joint Theater Trauma System. Vancouver General Hospital Trauma Rounds. Vancouver, Washington December 2010.
133. Systemic Hemostatic Agents – Non-FDA Approved Uses. Public Workshop: Product Development Program for Interventions in Severe Bleeding Due to Trauma or Other Causes. FDA, Bethesda, Maryland December 2010.
134. Acute Coagulopathy of Trauma. Combat Trauma Innovation. London, England January 2011.
135. Pro-Coagulant Hemostatic Agents. Combat Trauma Innovation. London, England January 2011.
136. Damage Control Resuscitation – Plasma and Plasma Products. London, England January 2011.
137. Colon Injuries, What Would Ogilvie Say in 2011. Eastern Association for the Surgery of Trauma. Naples, Florida January 2011.
138. Splenic Injuries – Is it Time for Conservative Management in Theater? Eastern Association for the Surgery of Trauma. Naples, Florida January 2011.

139. Point:Counter Point – Operative Fixation of Flail Chest and Rib Fractures. Western Trauma Association. Big Sky, Montana March 2011.
140. Joint Theater Trauma System and the Blood Bank – 39<sup>th</sup> Annual Meeting of the Society of Armed Forces Medical Laboratory Scientists, Armed Services Blood Program Update. New Orleans, Louisiana March 2011.
141. Make it Stick: Coagulopathy Management 2011 and the Future. Trauma, Critical Care & Acute Care Surgery 2011. Las Vegas, Nevada April 2011.
142. Norma Saline: Is it Safe? Trauma, Critical Care & Acute Care Surgery 2011. Las Vegas, Nevada April 2011.
143. Normal Saline Versus Lactated Ringer's: Would the FDA Approve Normal Saline for Use in 2011? University of Texas Grand Rounds. Houston, TX May 2011.
144. The Joint Theater Trauma System – Washington, Oregon American College of Surgeons Chapter Meeting. Chelan, Washington June 2011
145. The Joint Theater Trauma System and How 9/11 Influenced It. 9/11 Ten Years Later. What Have We Learned? New York University, New York, New York. September 2011.
146. Blast Injuries: From the Field to the ICU, What You Need to Know. 9/11 Ten Years Later. What Have We Learned? New York University, New York, New York. September 2011.
147. Controversies Concerning the Use of Fresh Whole Blood in the Military Setting. 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel. September 2011.
148. Conflicts in Iraq and Afghanistan: Lessons Learned. 22<sup>nd</sup> International Congress of the Israel Society of Anesthesiologists. Tel Aviv, Israel. September 2011.
149. Blood Transfusions: The Rules Have Changed. 97<sup>th</sup> Annual American College of Surgeons Clinical Congress. San Francisco, California. October 2011.
150. What is Lyophilized Plasma? 97<sup>th</sup> Annual American College of Surgeons Clinical Congress. San Francisco, California. October 2011.
151. Novel Methods of Hemorrhage Control. 3<sup>rd</sup> Annual Southwest Trauma & Acute Care Symposium. Scottsdale, Arizona. November 2011.

152. Novel Blood Products for Treatment of Hemorrhagic Shock 3<sup>rd</sup> Annual Southwest Trauma & Acute Care Symposium. Scottsdale, Arizona. November 2011.
153. The Acute Coagulopathy of Trauma, Diagnosis and Treatment. Trauma Care 2011. Columbus, Ohio. November 2011.
154. What is the Difference Between Trauma Centers? Appropriate Triage of Trauma Patients. Trauma Care 2011. Columbus, Ohio. November 2011.
155. The Year in Combat. Eastern Association for the Surgery of Trauma. Orlando, FL. January 2012.
156. The Current Status of Hemostatic Dressings. Combat Trauma Innovation 2012. London, England. January 2012.
157. The Acute Coagulopathy of Trauma and its Treatment in 2012. Combat Trauma Innovation 2012. London, England. January 2012.
158. Lyophilized Plasma: Coming to a Hospital Near You. Combat Trauma Innovation 2012. London, England. January 2012.
159. Dilutional Coagulopathy, How to Measure and How to Correct. 41<sup>st</sup> Critical Care Congress. Houston, Texas. February 2012.
160. Low Volume Fluid Resuscitation. Prehospital Trauma Symposium. Harborview Medical Center. Seattle, Washington. February 2012.
161. The Acute Coagulopathy of Trauma: Pathophysiology, Diagnosis and Novel Treatments. University of Maryland, Department of Surgery and Division of Trauma Grand Rounds. Baltimore, Maryland. February 2012.
162. Disasters Lessons Learned in the War on Terror. Trauma, Critical Care & Acute Care Surgery 2012. Las Vegas, Nevada. March 2012.
163. Resuscitation Redefined. Trauma, Critical Care & Acute Care Surgery 2012. Las Vegas, Nevada. March 2012.
164. Blast Injuries from Battlefield to ICU. Trauma, Critical Care & Acute Care Surgery 2012. Las Vegas, Nevada. March 2012.
165. Lactated Ringers versus Normal Saline for the Resuscitation of Hemorrhagic Shock. Current Topics in Trauma Care 2012. Midland, Texas, April 2012

166. The Use of Lyophilized Plasma in a Multi-injury Pig Model. Remote Damage Control Resuscitation. Bergen, Norway, June 2012.
167. Near Infrared Spectroscopy: Clinical and Research Uses. Remote Damage Control Resuscitation. Bergen, Norway, June 2012.
168. The Way Forward in Resuscitation Research. FDA Workshop on Benefits and Risks of Hydroxyethyl Starch for Resuscitation. Bethesda, Maryland. September 2012.
169. The Joint Theater Trauma System, The Greatest Trauma System Ever Created. Trauma Center Association of America. Charleston, South Carolina. October 2012.
170. Modern Methods of Hemorrhage Control, 2012 and Forward. Trauma Center Association of America. Charleston, South Carolina. October 2012.
171. Hypotensive Resuscitation; Death of Another Sacred Cow. American Heart Association. Los Angeles, CA. November 2012.
172. The Acute Coagulopathy of Trauma. West Virginia University Department of Surgery Grand Rounds. Morgantown, West Virginia. November 2012.
173. The Joint Theater Trauma System, The Greatest Trauma System Ever Created. OPALS Prehospital Research Group Meeting. Ottawa, Canada. November 2012.
174. Hypotensive Resuscitation, Progress Report from the Resuscitation Outcomes Consortium. OPALS Prehospital Group Meeting. Ottawa, Canada. November 2012.
175. Initial Management of the Trauma Patient. Trauma & Emergency Surgery. American Austrian Foundation. Salzburg, Austria. January 2013.
176. Considerations in Penetrating Trauma. Trauma & Emergency Surgery. American Austrian Foundation. Salzburg, Austria. January 2013.
177. Damage Control Surgery. Trauma & Emergency Surgery. American Austrian Foundation. Salzburg, Austria. January 2013.
178. The Joint Theater Trauma System, The Greatest Trauma System Ever Created. February in Phoenix Trauma Symposium. February 2013.
179. Blast Injury: What You Need to Know. February in Phoenix Trauma Symposium. Phoenix, Arizona February 2013.

180. Frozen Deglycerolized Red Blood Cells are Superior to Standard Liquid Red Blood Cells. Transfusion 2013. Phoenix, Arizona March 2013.
181. The Joint Theater Trauma System, The Greatest Trauma System Ever Created. Arkansas Trauma Conference. Little Rock, Arkansas April 2013
182. Modern Methods of Hemorrhage Control. Arkansas Trauma Conference. Little Rock, Arkansas April 2013
183. Major Venous Injuries Should Always be Repaired. Austin Trauma & Critical Care Conference. Austin, Texas May 2013
184. Topical Hemostatic Agents. Austin Trauma & Critical Care Conference. Austin, Texas May 2013
185. Novel Blood Transfusion Strategies. John Paul Pryor Oration, University of Pennsylvania. Philadelphia, Pennsylvania June 2013
186. Novel Methods of Hemorrhage Control. University of Pennsylvania Trauma Grand Rounds. Philadelphia, Pennsylvania June 2013
187. Resuscitation 2013. World Trauma Symposium. Las Vegas, Nevada September 2013
188. Modern Methods of Hemorrhage Control. World Trauma Symposium. Las Vegas, Nevada September 2013
189. Adjunctive Therapy for Coagulopathy is Superior. Trauma Quality Improvement Conference. Reno, Nevada November 2013
190. The Use of Thrombelastography to Guide Treatment of Coagulopathy. Thrombelastography Symposium. Moscow, Russia November 2013
191. Blood Transfusions 2014. Burlington Northern Visiting Lectureship in Trauma. University of Texas Southwestern Medical Center. Dallas, Texas. December 2013.
192. Enoxaparin “Tis is Better to Miss a Dose or Never to Have Started it at All?” Trauma, Critical Care & Acute Care Surgery 2014. Las Vegas, Nevada. March 2014. Presented from Shank, Afghanistan.
193. PCC and Fibrinogen, Better Than Plasma? Trauma, Critical Care & Acute Care Surgery 2014. Las Vegas, Nevada. March 2014. Presented from Shank, Afghanistan.

194. Management of Coagulopathy in Trauma – What Do We Know and What is in Store? Critical Care Summer Session. University of California San Diego. San Diego, California. July 2014.
195. Novel Blood Transfusion Strategies. 2<sup>nd</sup> Annual Richard B. Fratiante Endowed Lectureship in Trauma. MetroHealth Medical Center, Department of Surgery Case Western Reserve University. Cleveland, Ohio. July 2014.
196. A Controlled Resuscitation Strategy is Feasible and Safe in Hypotensive Trauma Patients: Results of a Prospective Randomized Pilot Trial. Military Health Systems Research Symposium. Fort Lauderdale, Florida. August 2014.
197. A Controlled Resuscitation Strategy is Feasible and Safe in Hypotensive Trauma Patients: Results of a Prospective Randomized Pilot Trial. American Association for the Surgery of Trauma. Philadelphia, Pennsylvania. September 2014.
198. Is There a TEM Parameter Cut Off That Could Be Used To Withhold Transfusion of Blood Product? Consensus Conference on TEM Based Transfusion Guidelines for Early Trauma Resuscitation. Philadelphia, Pennsylvania. September 2014.
199. Innovative Approaches to Hemorrhagic Shock. SEAHEC 26<sup>th</sup> Annual Trauma & Emergency Symposium. Wilmington, North Carolina. February 2015.
200. Damage Control Resuscitation. University of British Columbia Grand Rounds. Vancouver, British Columbia. February 2015.
201. Frozen Deglycerolized Red Blood Cells are Safe and Effective in Trauma Patients. American Surgical Association. San Diego, California, April 2015.
202. Frozen as Fresh Red Blood Cells for Remote Damage Control Resuscitation. Trauma, Hemostasis & Oxygenation Research Conference. Bergen, Norway. June 2015.
203. When and How Should Tranexamic Acid be Given in the Prehospital Environment? Resuscitation. Trauma, Hemostasis & Oxygenation Research Conference. Bergen, Norway. June 2015.
204. The Advantages of Dried Plasma for Use in Austere Conditions. International Plasma Fractionation Association. Stellenbosch, South Africa. December 2015.
205. Lessons from the Battlefield: How Military Trauma Care Transforms Civilian Care in the United States. Marquam Hill Lecture Series. Portland, OR. February 2016.

206. Blood Transfusions: A Frontier We Have Just Begun to Explore. Laerdahl Memorial Award Lecture. Society of Critical Care Medicine. Orlando, FL. February 2016.
207. Blood Transfusions 2016. Swiss Army Day. Bern, Switzerland. March 2016.
208. Blood Transfusions: An Old Therapy with Exciting New Frontiers. Duke University Department of Surgery Grand Rounds. October 2016.
209. Damage Control Resuscitation. International Society of Blood Therapies. Copenhagen, Denmark. June 2017.