2017 RDCR Symposium
June 26-28, 2017

DRAFT Agenda
As of 05 DEC 2016

Monday, June 26

0830-0840 Opening remarks
Geir Strandenes, MD
Senior Medical Officer
Researcher, Department of Immunology and Transfusion Medicine
Haukeland University Hospital
Bergen, Norway

Philip C. Spinella, MD FCCM
Associate Professor
Director, Translational Research Program
Division of Critical Care, Department Pediatrics
Washington University in St Louis, St Louis, MO USA

Surgeon Rear Admiral Jan Sommerfelt-Pettersen
Surgeon General, Norwegian Armed Forces
Norway

0840-0910 RDCR Overview – Goals, Tools, and Future Plans
Geir Strandenes, MD
Senior Medical Officer
Researcher, Department of Immunology and Transfusion Medicine
Haukeland University Hospital
Bergen, Norway

0910-0950 Session 1
Moderator:
Christopher Bjerkvig, MD
Norwegian Naval Special Operation Commando
Dept of Anaesthesia and Intensive Care
Haukeland University Hospital
Bergen, Norway

0950-1015 Prehospital blood product use and improved outcomes
Stacy Shackelford, Colonel, USAF, MC
Director of Education at USAF Center for Sustainment of Trauma and Readiness Skills
USA

Lessons learned from analyses of transfusions and outcomes
Stacy Shackelford, Colonel, USAF, MC
Director of Education at USAF Center for Sustainment of Trauma and Readiness Skills
USA

1015-1030 Break

1030-1200 Session 2
Moderator:
Tor Hervig, MD
Chief Medical Officer, Blood Bank
Haukeland University Hospital
Professor, Gades Institute
University of Bergen, Norway

1030-1115 Adaptive Clinical Trial Designs for RDCR
Roger Lewis, MD, PhD, FACEP
Professor of Medicine, David Geffen School of Medicine at UCLA
Vice Chair for Academic Affairs, Department of Emergency Medicine
Harbor-UCLA Medical Center
USA
<table>
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<th>Time</th>
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| 1115-1200 | Anesthesia Considerations for prehospital resuscitation of life-threatening bleeding  
Dr. Tony Hudson MA FRCP FCEM  
Consultant Emergency Physician  
UK National Health Service |
| 1200-1500 | Lunch and Break |
| 1500-1740 | Session 3  
Moderator:  
Col Thomas Woolley, MD, FRCA, RAMC  
Defence Professor of Anaesthesia and Critical Care  
UK |
| 1500-1520 | Civilian Mass Casualty Events  
Dr. Dave Sloggett, M.Sc, C.Eng., MIEE  
Director, Principea Consulting Ltd  
Isle of Wight, UK |
| 1520-1550 | Preventable deaths analysis in Civilian Mass casualties terrorist attacks  
COL (Ret) Brian Eastridge, MD, FACS  
Professor, Department of Surgery  
UT Health Science Center, San Antonio  
USA |
| 1550-1620 | Current gaps in tactical response to terrorist mass casualty civilian events- Previous events  
David Callaway, MD  
Director, Division of Operational and Disaster Medicine  
Operational Medical Director, Carolinas MED-1  
Co-Chairman, The Committee for Tactical Emergency Casualty Care (C-TECC)  
Civilian Vice President, Special Operations Medical Association (SOMA)  
USA |
| 1620-1650 | Military Models of prehospital care systems for mass casualty events  
MAJ Ethan A. Miles, MD, FS  
Regimental Surgeon  
75th Ranger Regiment  
U.S. Army Special Operations Command |
| 1650-1720 | State of the Science for Mass Casualty Medical Response Systems  
Colonel Todd E. Rasmussen, MD, USAF MC  
USAF MC Director US Combat Casualty Care Research Program  
Fort Detrick, Maryland  
Professor of Surgery Uniformed Services University Bethesda, Maryland  
USA |
| 1720-1740 | Session 3 Discussion |
| 1740 -1800 | Break |
| 1800-1900 | Session 4  
Moderator:  
LiCol John Badloe, MD  
Consultant in Transfusion Medicine  
Commander, Netherlands Military Blood Bank  
The Netherlands |
| 1800-1830 | RBC quality metrics – Report from FDA workshop  
Jaro Vostal, MD  
Chief, Laboratory of Cellular Hematology, Division of Hematology (DH), Office of Blood Research and Review (OBRR)  
USA |
Oxygen carrier state of the science - Report from DoD workshop
Anthony E. Pusateri, PhD
DoD Hemorrhage and Resuscitation Research and Development Program
Combat Casualty Care Research Program
US Army Medical Research and Materiel Command
Fort Detrick, Maryland USA

Industry Social Hour

Dinner
**Tuesday, June 27**

0830-1015  **Session 5**  
**Moderator:**  
Geir A Sunde, MD  
Consultant, Anesthesiologist  
Helicopter Emergency Medical Services  
Haukeland University Hospital, Bergen, Norway  
Researcher, Norwegian Air Ambulance Foundation  
Drøbak, Norway

0830-0930  Prehospital management of severe Traumatic Brain Injury  
Speaker TBD

0930-1015  **Traumatic Brain Injury Case Presentation**  
**Moderator:**  
Geir Strandenes  
Senior Medical Officer  
Researcher, Department of Immunology and Transfusion Medicine  
Haukeland University Hospital  
Bergen, Norway

Panelists:  
Col Elon Glassberg, MD, MHA  
Israel Defense Forces Medical Corps  
Israel

Geir Sunde, MD  
Consultant, Anesthesiologist  
Helicopter Emergency Medical Services  
Haukeland University Hospital, Bergen, Norway  
Researcher, Norwegian Air Ambulance Foundation  
Drøbak, Norway

Additional panelists TBD

1015-1030  Break

1030-1200  **Session 6**  
**Moderator:**  
Frederik Koller-Lund, MD  
Haukeland University Hospital  
Bergen, Norway

1030-1050  Extracorporeal Membrane Oxygenation for Life-Threatening Bleeding in animal models  
Andriy I. Batchinsky MD  
Research Scientist, US Army Institute of Surgical Research  
Battlefield Health and Trauma Research Institute  
San Antonio, Texas, USA

1050-1110  Extracorporeal Membrane Oxygenation for LTB in humans  
Magnus Larsson PhD  
Head of Thoracic-, Vascular- and Trauma- Surgery in Child,  
Consultant Pediatric Surgery at Karolinska University Hospital  
Stockholm, Sweden

1110-1130  Future role of Extracorporeal Membrane Oxygenation in Forward Surgical Teams  
Jeremy W. Cannon, MD, SM, FACS  
Associate Professor of Surgery  
Perelman School of Medicine, University of Pennsylvania  
Philadelphia, Pennsylvania, USA

1130-1200  Panel Discussion
1200-1430  Lunch and Break

1430-1625  Session 7
Moderators:
Joseph F. Rappold, MD FACS  Marc Depasquale
Professor of Surgery  US Army Forces Medic
Maine Medical Center  USA
Tufts University School of Medicine

1430-1500  THOR-AABB Joint Working Group Report
Mark H. Yazer, MD
Professor of Pathology, University of Pittsburgh
Medical Director of the RBC Serology Laboratory at the Centralized Transfusion Service (a division of the
Institute for Transfusion Medicine)
Pittsburgh, PA, USA

1500-1530  Do we need Leukoreduction and Low titer whole blood?
Pro/Con Debate
Einar Kristoffersen, MD, PhD (Pro)  James Stubbs, MD (Con)
Head of Department/Professor  Medical Director, Division of Transfusion Medicine
Department of Immunology and  Mayo Clinic
Transfusion Medicine  Rochester, Minnesota  USA
Haukeland University Hospital
Bergen, Norway

1530-1550  French Dried Plasma Program
Christophe Martinaud, MD, PhD
French Military Blood Institute
Clamart, France

1550-1610  Israeli Dried Plasma Program
Col Elon Glassberg, MD, MHA
Israel Defense Forces Medical Corps
Israel

1610-1625  Dried Plasma Program Discussion
Christophe Martinaud, MD
French Military Blood Institute
Clamart, France

Col Elon Glassberg, MD
Israel Defense Forces Medical Corps
Israel

1625-1645  Break
1645-1900  
**Session 8**  
**Moderators:**  
Colonel Todd E. Rasmussen, MD, USAF MC  
USAF MC Director US Combat Casualty Care Research Program  
Fort Detrick, Maryland.  
Professor of Surgery Uniformed Services University Bethesda, Maryland  
USA  
Col Elon Glassberg, MD  
Israel Defense Forces Medical Corps  
Israel  

1645-1730  
**If no blood available then what type of fluid? - Best of the worst options**  
LTC Andrew P Cap, MD PhD  
Medical Corps, US Army  
Chief, Blood Research, US Army Institute of Surgical Research  
Associate Professor of Medicine, Uniformed Services University  
Program Director, Clinical Research Fellowship  
Staff Hematologist-Oncologist  
San Antonio Military Medical Center  
Texas USA  

1730-1830  
**FGN/PCC/TXA vs blood products for Life Threatening Bleeding – Debate**  
Herbert Schochl, MD  
Associate Professor of Anaesthesiology  
Senior Anaesthesiologist and Intensivist, AUVA Trauma Hospital  
Salzburg, Austria  

Ernest Moore, MD  
Chief of Surgery and Trauma Services  
Professor, Vice Chair of the Department of Surgery  
University of Colorado Health Sciences Center  
Denver, Colorado USA  

1830-1900  
**Pediatric RDCR Considerations**  
Jeremy W. Cannon, MD, SM, FACS  
Associate Professor of Surgery  
Perelman School of Medicine, University of Pennsylvania  
Philadelphia, Pennsylvania, USA  

1900-2000  
Cocktail hour  

2000  
Dinner
Wednesday, June 28

0830-1200  Session 9
Moderator:
Kevin Ward, MD
Professor, Department of Emergency Medicine
University of Michigan
Director, Michigan Center for Integrative Research in Critical Care
Ann Arbor, Michigan USA

0830-915  Whats new with blood products and monitoring
Philip C. Spinella, MD FCCM
Associate Professor
Dir, Translational Research Program
Division of Critical Care, Pediatrics
Washington University in St Louis
St Louis, MO USA

915-1000  Cold Whole Blood Case Presentations
LEADER:
COL Shawn C. Nessen DO, FACS
Commander, USAISR
USA

PANELISTS:
Col Thomas Woolley, MD, FRCA, RAMC
Defence Professor of Anaesthesia and Critical Care
UK

Herbert Schochl, MD
Associate Professor of Anaesthesiology
Senior Anaesthesiologist and Intensivist, AUVA Trauma Hospital
Salzburg, Austria

Patrick Thompson
SOF Medic (Retired) Paramedic
South Africa / UK

MAJ Ethan A. Miles, MD, FS
Regimental Surgeon
75th Ranger Regiment
U.S. Army Special Operations Command

Geir Sunde, MD
Consultant, Anesthesiologist
Helicopter Emergency Medical Services
Haukeland University Hospital, Bergen, Norway
Researcher, Norwegian Air Ambulance Foundation
Drobak, Norway

1000-1030  Barriers to whole blood transfusion program development
Heidi Doughty, MD
Civilian Defence Consultant Adviser
Transfusion Medicine
Headquarters Surgeon General
United Kingdom

1030-1045  Break
1045-1115  Top 10 research priorities
Kevin Ward, MD  
Professor, Department of Emergency Medicine  
University of Michigan  
Director, Michigan Center for Integrative Research in Critical Care  
Ann Arbor, Michigan  USA

1115-1200  Research Proposals  
Prehospital whole blood vs components  
Philip C Spinella, MD FCCM  
Associate Professor  
Dir, Translational Research Program  
Division of Critical Care, Pediatrics  
Washington University in St Louis  
St Louis, MO USA

LTC Andrew P. Cap, MD PhD  
Medical Corps, US Army  
Chief, Blood Research, US Army Institute of Surgical Research  
Associate Professor of Medicine, Uniformed Services University  
Program Director, Clinical Research Fellowship  
Staff Hematologist-Oncologist  
San Antonio Military Medical Center  
Texas  USA

Geir Strandenes, MD  
Senior Medical Officer  
Researcher, Department of Immunology and Transfusion Medicine  
Haukeland University Hospital  
Bergen, Norway

1200-1300  Lunch

1300-1430  Session 10  
Moderators:  
Phil Spinella, MD FCCM  
Associate Professor  
Dir, Translational Research Program  
Division of Critical Care, Pediatrics  
Washington University in St Louis  
St Louis, MO USA

Geir Strandenes, MD  
Senior Medical Officer  
Researcher, Department of Immunology and Transfusion Medicine  
Haukeland University Hospital  
Bergen, Norway

1300-1315  Pre-conference summary of needs assessment and future goals  
TBD

1315-1345  THOR Network’s RDCR Advocacy Program  
Sean Keenan, MD, FAAEM FAWM  
US Special Operations Command

1345-1430  THOR RDCR 2017 Symposium Summary  
Donald Jenkins, MD  
Vice Chair for Quality, Department of Surgery  
University of Texas Health Science Center at San Antonio  
San Antonio, TX USA

Heidi Doughty, MD  
Civilian Defence Consultant Adviser  
Transfusion Medicine  
Headquarters Surgeon General  
United Kingdom
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