[3]Ohio State University - Department Of Anesthesiology, Columbus, OH, USA

14.17. The Two Day Rule: Evolution of Primary Closure Optimization in Damage Control Laparotomy. M. H. Lauerman,[1] J. Dubose,[1] D. M. Stein,[1] M. Bradley,[1] T. M. Scalea[1]; [1]University Of Maryland - R Adams Cowley Shock Trauma Center, Baltimore, MD, USA

14.18. Massive Transfusion for Trauma Care in a Lower Middle Income Country– a Necessity or Luxury? A. A. Shah,[1] A. H. Haider,[1] Z. G. Hashmi,[1] M. Kisat,[4] S. N. Zafar,[5] A. Tareen,[2] Z. Rehman,[2] R. H. Sayyed,[2] H. Zafar[2,3]; [3]Aga Khan University Medical College, Karachi, Sindh, Pakistan; [4]University Of Arizona - Department Of Surgery, Tucson, AZ, USA; [5]Howard University College Of Medicine - Department Of Surgery, Washington, DC, USA; [1]Johns Hopkins University School Of Medicine - Center For Surgical Trials And Outcomes Research (CSTOR), Baltimore, MD, USA; [2]Aga Khan University Medical College - Department Of Surgery, Karachi, Sindh, Pakistan

14.19. Elevated Creatine Phosphokinase is Associated with Indicators of Shock in Critically Ill Surgical Patients. K. J. Sowards,[1] K. Mukherjee,[1] P. R. Norris,[1] A. Shintani,[2] L. B. Ware,[3,4] L. J. Roberts,[5] A. K. May[1]; [1]Vanderbilt University Medical Center - Division Of Trauma And Surgical Critical Care, Nashville, TN, USA; [2]Vanderbilt University Medical Center - Department Of Biostatistics, Nashville, TN, USA; [3]Vanderbilt University Medical Center - Division Of Allergy, Pulmonary, And Critical Care Medicine, Nashville, TN, USA; [4]Vanderbilt University Medical Center - Department Of Pathology, Microbiology, And Immunology, Nashville, TN, USA; [5]Vanderbilt University Medical Center - Department Of Pharmacology, Nashville, TN, USA

14.20. Diffuse Optical Spectroscopy (DOS) and Spatial Frequency Domain Imaging (SFDI) in a Porcine Model of Exsanguination Induced Cardiac Arrest. J. S. Berry,[1] T. S. Park,[1] A. I. Batchinsky,[1] S. M. Belenkiy,[1] R. V. Warren,[2] B. S. Keene,[2] A. Mazhar,[2] S. Mahon,[2] J. Q. Nguyen,[2] M. S. Brenner,[2] B. Choi,[2] A. J. Durkin,[2] A. Cerussi,[2] D. J. Cuccia,[3] L. C. Cancio[1]; [1]Institute Of Surgical Research, Fort Sam Houston, TX, USA; [2]Beckman Laser Institute, Irvine, CA, USA; [3]Modulated Imaging, Irvine, CA, USA

TRAUMA/CRITICAL CARE 2: CLINICAL SCIENCE AND TRAUMA SYSTEMS

15.1. ICU Design and Mortality in Trauma Patients. N. Pettit,[2] T. Wood,[1] M. S. O'Mara[1]; [1]Grant Medical Center/OhioHealth - Trauma And Acute Care Surgery, Columbus, OH, USA; [2]Ohio University - Heritage College Of Osteopathic Medicine, Athens, OH, USA

15.2. Religious Patients in the ICU Receive More Aggressive End-of-Life Care with No Improvement in Survival. M. C. Shinall,[3] J. M. Ehrenfeld,[2] O. D. Guillamondegui[1]; [1]Vanderbilt University Medical Center - Division Of Trauma And Surgical Critical Care, Nashville, TN, USA; [2]Vanderbilt University Medical Center - Department Of Anesthesiology, Nashville, TN, USA; [3]Vanderbilt University Medical Center - Department Of Surgery, Nashville, TN, USA

15.3. Decreased Incidence of Pulmonary Embolism in High Risk Trauma Patients with Improved Compliance to Protocol Based Inferior Vena Cava Filter Placement. C. Narasanna,[1] J. Paul,[1] I. Bhullar[1]; [1]University Of Florida - Surgery/Acute Care Surgery/Medicine, Jacksonville, FL, USA

15.4. Injury Experience using the Nigerian Trauma Registry. L. D. Cassidy,[1] W. Olaomi,[3] E. Ameh[2]; [1]Medical College Of Wisconsin - Institute For Health & Society, Milwaukee, WI, USA; [2]Ahmadu Bello University - Paediatric Surgery, Zaria, ZARIA, Nigeria; [3]National Hospital - Surgery, Abuja, ABUJA, Nigeria

15.5. Cost of Intentional Injuries in the United States: Who is Footing the Bill?. V. K. Scott,[1] X. Hui,[1] C. G. Velopulos,[1] E. B. Schneider,[1] D. T. Efron,[1] E. E. Cornwell,[2] A. H. Haider[1]; [1]Johns Hopkins University School Of Medicine - Center For Surgical Trials And Outcomes Research, Baltimore, MD, USA; [2]Howard University College Of Medicine - Department Of Surgery, Washington, DC, USA

15.6. Validation of Sepsis Screening Tool Utilizing StO2 in Emergency Department Patients. C. E. Goerlich,[1] J. J. McCarthy,[1] L. J. Moore[1]; [1]University Of Texas Health Science Center At Houston - Center For Translational Injury Research, Houston, TX, USA

15.7. The Impact of Comorbidity on Mortality in Trauma Outcomes. C. F. Janowak,[1] P. J. Mercier,[2] S. K. Agarwal[1]; [1]University Of Wisconsin, Madison, WI, USA; [2]University Of Wisconsin - School Of Medicine And Public Health, Madison, WI, USA

15.8. Maximizing Efficiency On Trauma Surgeon Rounds. A. Ramaniuk[2] M. S. O'Mara[1,2]; [1]Grant Medical Center - Trauma And Acute Care Surgery, Columbus, OHIO, USA; [2]Ohio University - Heritage College Of Medicine, Athens, OHIO, USA

15.9. Transfer of Trauma Patients to Level 1 and 2 Trauma Centers: Mortality Outcomes and Race – Insurance Disparities. B. Adesibikan,[1] S. N. Zafar,[1] A. Obirieze,[1] W. R. Greene,[1] E. E. Cornwell,[1] A. H. Haider[2]; [1]Howard University College Of Medicine, Washington, DC, USA;