

Curriculum Vitae
David S. Kauvar, MD, MPH, FSVS, FACS, RPVI
Updated: 6/6/2023

Academic Appointments

- Associate Professor of Surgery May 2022-Feb 2023
University of Colorado, School of Medicine, Aurora, Colorado

- Associate Professor of Surgery July 2013 – May 2022
Uniformed Services University of the Health Sciences
F. Edward Hebert School of Medicine, Bethesda, Maryland

- Assistant Professor of Surgery January 2009 – July 2013
Uniformed Services University of the Health Sciences
F. Edward Hebert School of Medicine, Bethesda, Maryland

Clinical Appointments

- Chief, Vascular Surgery May 2022-Feb 2023
Denver Health Medical Center, Denver, Colorado

- Associate Surgical Residency Program Director for Research July 2017-May 2022
Brooke Army Medical Center, Fort Sam Houston, Texas

- Director, Forward Applications for Circulatory July 2017-May 2022
Trauma and Stabilization (FACTS)
59th Medical Wing Office of Science and Technology
Lackland Air Force Base, Texas

- Senior Consultant in Vascular Research July 2017-May 2022
United States Army Institute of Surgical Research
Fort Sam Houston, Texas

- Attending Vascular Surgeon July 2013 – May 2017
Program Director, General Surgery Residency (2015-2016)
Medical Director, Vascular Laboratory
Dwight D. Eisenhower Army Medical Center, Fort Gordon, Georgia

- Officer-In-Charge & Surgeon March 2012 – August 2012
Tarin Kowt Forward Surgical Element
Combined Joint Special Operations Task Force-Afghanistan
Forward Operating Base Ripley, Tarin Kowt, Afghanistan

- Attending Vascular Surgeon July 2011 – July 2013
San Antonio Military Medical Center
Fort Sam Houston, Texas

- Chief, General Surgery August 2008 - February 2009
Task Force 115 Medical
(115th Combat Support Hospital), Camp Cropper, Iraq

- Clinical Burn Fellow & Attending General Surgeon
United States Army Institute of Surgical Research
Fort Sam Houston, Texas July 2008 – June 2009

Surgical Training

- Fellowship in Vascular Surgery
University of Utah Health Science Center, Salt Lake City, Utah July 2009 – June 2011
- Fellowship in Surgical Research
U.S. Army Institute of Surgical Research, Fort Sam Houston, Texas July 2004 – June 2005
- Residency in General Surgery
Brooke Army Medical Center, Fort Sam Houston, Texas July 2003 – June 2008
- Categorical Internship in General Surgery
Brooke Army Medical Center, Fort Sam Houston, Texas July 2002 – June 2003

Education

- Master of Public Health
University of North Texas Health Science
Center School of Public Health, Fort Worth, Texas April 2015 – July 2019
- Doctor of Medicine
Uniformed Services University of the Health Sciences F. Edward
Hebert School of Medicine, Bethesda, Maryland August 1998 - May 2002
- Bachelor of Arts in International Affairs
The George Washington University,
Elliott School of International Affairs
and School of Public Health and Health Services
Washington, District of Columbia August 1994 - May 1998
- High School Diploma
The Bronx High School of Science, Bronx, New York September 1990 - June 1994

Professional Training and Certification

- Federal Drug Enforcement Agency Registration FK6837059 (12/31/2025)
- Colorado Medical License/Interstate Compact - DR.0067884 (4/30/2024)
- Association of Public Health Examiners Certification in Public Health (2019-Present)
- Diplomate, Vascular Surgery Board, American Board of Surgery (21 May 2013-Present – Certificate 102428, ABS ID 066388)
- American Registry for Diagnostic Medical Sonography/Alliance for Physician Certification and Advancement Registered Physician in Vascular Interpretation (2011-Present)
- Diplomate, American Board of Surgery (4 May 2009-31 May 2019 – Certificate 54291, ABS ID 066388)
- Society of American Gastrointestinal and Endoscopic Surgeons - Fundamentals of Laparoscopic Surgery (2008)
- University of Texas Health Science Center at San Antonio Introduction to Clinical Investigation course (2005)
- US Food and Drug Administration (FDA) Good Clinical Practice (2005)
- FDA Good Laboratory Practice (2005)

- Brooke Army Medical Center Department of Clinical Investigation molecular biology course (2004)
- Advanced Trauma Life Support (2002)
- Basic (1998) and Advanced (2002) Cardiac Life Support

Military Service

- Retired as Lieutenant Colonel (24 years of service) June 2022
- U.S. Army Command & General Staff Officer Course I-250-ILE (CC) April 2014
- Wartime service with the Combined Joint Special Operations Task Force-Afghanistan as Officer-in-Charge of the Tarin Kowt Forward Surgical Element March 2012 – August 2012
- U.S. Army Medical Department Captain's Career Course December 2011
- Wartime service with Task Force 115 Medical in support of Operation Iraqi Freedom August 2008 – February 2009
- Acting Company Commander U.S. Army Institute of Surgical Research 20 March 2005 – 3 May 2005
- Commissioned as Captain, Medical Corps, U.S. Army 18 May 2002
- Completed Basic Airborne Course, U.S. Army Infantry School Earned William T. Ryder Award as Officer Honor Graduate March 2002
- Completed USU Bushmaster Exercise (Combat Casualty Care Course) September 2001
- Completed U.S. Army Medical Officer Basic Course 005-98 August 1998
- Commissioned as Second Lieutenant, Medical Service Corps. U.S. Army Reserves 15 June 1998
- Awards and Decorations:
 1. Bronze Star Medal (2012)
 2. Meritorious Service Medal (1998-2022)
 3. Army Commendation Medal (three oak leaf clusters, 2008-2009 (3), 2017)
 4. Army Achievement Medal (two oak leaf clusters, 2005-2006)
 5. National Defense Service Medal (1998-indefinite)
 6. Global War on Terrorism Medal (2002-indefinite)
 7. Iraq Campaign Ribbon (2008-2009)
 8. Afghanistan Campaign Ribbon (2012)
 9. Humanitarian Service Medal (2019-2020)
 10. Army Service Ribbon (1998-indefinite)
 11. NATO Medal (non-Article 5, ISAF, 2012)
 12. Meritorious Unit Citation (2006-permanent)
 13. Army Superior Unit Award (2003-permanent)
 14. Parachutist Badge (2002-indefinite)

Professional Affiliations

- Western Trauma Association, Member 2021-Present
- Western Vascular Society, Member 2020-Present
 - Multi-Institutional Trials Committee (2022-present)
- Damage Control Resuscitation Society, Founding member 2019-Present
- Endovascular Trauma Management Society Member 2019-Present
- American Association for the Surgery of Trauma, Member 2019-Present
 - Military Liaison Committee (2019-Present)
- American College of Surgeons, Fellow 2016-Present
- Society for Vascular Surgery Fellow 2009-Present
 - Clinical Research Committee (2011-2013)
- Vascular and Endovascular Surgery Society, Member 2008-Present

- Charter member, VESS Vascular Research Consortium
- Spring Program Committee (2021-2022)
- Student Education Committee (2020-2022)
- Vascular Resident Education Committee (2019-2021)
- Fundraising Committee (2017-2019)
- Membership Development Committee, Chair (2016-2017)
- Membership Development Committee (2014-2016)
- Military Liaison ad hoc Committee (2008-Present)
- Manuscript reviewer
 - Journal of Vascular Surgery-Cases and Innovative Techniques 2021-Present
 - Journal of Vascular Surgery-Vascular Science 2019-Present
 - Seminars in Vascular Surgery 2019-Present
 - Journal of Vascular Surgery 2015-Present
 - Annals of Vascular Surgery 2012-Present
 - Journal of Surgical Research 2012-Present
 - Journal of Trauma and Acute Care Surgery 2008-Present
 - Military Medicine 2008-Present

Professional & Institutional Service

- Congressionally-Directed Mandatory Research Program Panel Reviewer 2020
Combat Casualty Care, Department of Defense, Washington, DC
- Regional Health Command-Central Institutional Review Board. 2018-2022
US Army Medical Department, San Antonio, TX
- Chair, June 2021-May 2022
- Brooke Army Medical Center Unintentional Retained 2017-2018
Foreign Bodies Working Group, San Antonio, TX
- Associate Examiner, American Board of Surgery 2016
General Surgery Certifying Examination, Dallas, TX
- Dwight D. Eisenhower Army Medical Center 2015-2016
Graduate Medical Education Committee, Augusta, GA
- Dwight D. Eisenhower Army Medical Center 2014-2017
Scientific Review Committee, Augusta, GA
- Dwight D. Eisenhower Army Medical Center 2014-2017
Department of Surgery Physician Champion for
Information Systems, Augusta, GA
- Dwight D. Eisenhower Army Medical Center 2013-2017
Institutional Review Board, Augusta, GA
- Dwight D. Eisenhower Army Medical Center 2013-2015
Formulary Strategy Committee, Augusta, GA
- Vascular Surgery Telemedicine Consultant for the 2012-2022
Office of the Surgeon General, US Army Medical Department
San Antonio, TX
- Governing Council of the Society for Vascular Surgery 2009-2011
Trainee Section, Rosemont, IL

Awards and Recognition

- San Antonio Uniformed Services Health Education 2021
Consortium Gold-Headed Cane Award finalist
Brooke Army Medical Center, San Antonio, TX

- Charter fellow (level III) in the Provider-Scientist Investigator Opportunity Network, US Air Force 59th Medical Wing, San Antonio, TX 2018-2020
- Uniformed Services University Department of Surgery Chairman's Award for Excellence in Teaching Subspecialty Surgery, Bethesda, MD 2018-2019
- Inducted into the Order of Military Medical Merit US Army Medical Department, San Antonio, TX June 2018
- Uniformed Services University Academic Achievement Award in Surgery, Bethesda, MD 2002
- William T. Ryder Officer Honor Graduate of the U.S. Army Airborne School. US Army Infantry School at Fort Benning, GA 2002

Research Awards

- Quarterly Research Award "Scholarship in Action" – San Antonio Uniformed Services Health Education Consortium, San Antonio, TX (January 2021)
- First Place, Basic Science Paper (Dr. Kyle Stigall) – Region 13 American College of Surgeons Committee on Trauma Resident's Trauma Papers Competition, Virtual (2020)
- First Place, Clinical Science Paper (Dr. Justin Sleeter) - US Air Force American College of Surgeons Committee on Trauma Resident's Trauma Papers Competition, Virtual (2020)
- First Place, Basic Science Paper - Region 13 American College of Surgeons Committee on Trauma Resident's Trauma Papers Competition, Phoenix, AZ (2006)
- Region 13 Winner of the American College of Surgeons Committee on Trauma Resident's Trauma Papers Competition. San Francisco, CA (2006)
- Army Achievement Medal for producing medical research which led to Army-wide change in injury prevention doctrine, US Army Institute of Surgical Research (USAISR), San Antonio, TX (2006)
- Army Achievement Medals (2) for research work performed at USAISR, San Antonio, TX (2005)

Invited Academic Presentations (21 total)

1. Resuscitative Endovascular Balloon Occlusion of the Aorta: Theory and Practice. Rocky Mountain Trauma and Emergency Medicine Course, Frisco, CO (August 2022)
2. Post-Graduate Course Moderator: Management of Vascular Trauma: Exploring Consensus in the Who and Where Amidst Subspecialized Training and Practice. Vascular Annual Meeting of the Society for Vascular Surgery, Virtual. Original location in Boston, MA. (June 2022)
3. Panel Moderator: What Makes a Good Vascular Training Program Applicant? Vascular and Endovascular Surgery Society Next Generation Student Mentor Program, Aspen, CO (January 2022)
4. Multidisciplinary Approach to Vascular Trauma: Challenges in the Optimal Management of Modern Vascular Trauma. American College of Surgeons Clinical Congress. Virtual. No original location. (October 2021)
5. Moderator: "Jacks of All Trades: Military, Rural, and Humanitarian Surgical Perspective on Competencies for Surgical Care in Austere Settings," American Association for the Surgery of Trauma Lunch Session. Atlanta, GA (September 2021)
6. Human Research Protection & the Institutional Review Board. Clinician Scientist Investigator Opportunity Network (CSIN), San Antonio, TX (May 2021)
7. New Attendings as Educators: Making the Transition. Vascular and Endovascular Surgery Society Fellow's Program. Virtual. No original location. (January 2021)
8. Mentors - Who, Why, How? Vascular and Endovascular Surgery Society Student Program. Virtual. No original location (January 2021)

9. Imperial Surgery Bachelor of Science (BSc). Clinical Approach to Vascular Trauma of the Neck and Extremities. Imperial College National Health Services (NHS) Trust. London, England (2021)
10. The Fasciotomy and Vascular Injury Outcomes Database. United States Army Institute of Surgical Research Scientific Seminar. San Antonio, TX (March 2020)
11. New Attendings as Educators: Resident Autonomy in the Operating Room. Vascular and Endovascular Surgery Society Fellow's Program. Steamboat, CO (January 2020)
12. An Army Surgical Journey in Military Medical. Military Health Services Research Symposium. Research, Kissimmee, FL (August 2019)
13. Circulatory Trauma: A Paradigm for Understanding the Role of Endovascular Therapy in Hemorrhage Control. First International Damage Control Resuscitation Symposium. Campinas, Brazil (June 2019)
14. Challenges and Opportunities for Endovascular Adaptation in Combat Casualty Care. First International Damage Control Resuscitation Symposium. Campinas, Brazil (June 2019)
15. Endovascular Approaches to Trauma: Translational Research for Military Applications. United States Army Institute of Surgical Research Scientific Seminar. San Antonio, TX (April 2018)
16. Vascular Trauma: Science and Application. United States Army Institute of Surgical Research Clinical Science Grand Rounds. San Antonio, TX (October 2017)
17. Lower Extremity Deep Venous Thrombosis: Updates from the Surgical Perspective. Dwight D. Eisenhower Army Medical Center Grand Rounds. Augusta, GA (October 2013)
18. Health Support for Village Stability Operations (session moderator), Special Operations Medical Association Annual Meeting, Tampa, FL (December 2012)
19. Acute Arterial Ischemia. San Antonio Military Medical Center Surgical Grand Rounds. San Antonio, TX (October 2011)
20. Invited faculty for resident and medical student vascular skills simulation and competition. Society for Vascular Surgery Vascular Annual Meeting. Chicago, IL (June 2011)
21. Beyond the *Journal of Vascular Surgery*: "Top Ten" Papers Relevant to Vascular Surgery. Society for Vascular Surgery Vascular Annual Meeting, Chicago, IL (June 2011)

Funded Research (7 total)

1. Principal Investigator – Phase II - Localization of Non-Compressible Torso Hemorrhage Using Endovascular Physiologic Measurements (59th Medical Wing) Oct 2021-Sep 2022 – US Army Medical Research and Development Command
2. Principal Investigator - Endovascular Repair of Pelvic Fracture-Associated Arterial Hemorrhage in the Setting of Acute Traumatic Coagulopathy Using Swine (*Sus scrofa*) – Pilot Study (59th Medical Wing) Oct 2021-Sep 2022 – US Air Force Medical Service
3. Principal Investigator - Localization of Non-Compressible Torso Hemorrhage Using Endovascular Physiologic Measurements (59th Medical Wing) Oct 2020-Sep 2022 – US Air Force Medical Service
4. Associate Investigator (Principal Investigator Jason Rall, PhD) - Evaluation of Ox-66 as an Oxygen Carrier for Treatment of Hemorrhagic Shock (59th Medical Wing) Oct 2020-Sep 2021 – US Air Force Medical Service
5. Associate Investigator (Principal Investigator Michael Dubick, PhD) – Assessment of Hemostatic Dressings for Compressible Wounds During Prolonged Field Care Using a Relevant Swine Model (United States Army Institute of Surgical Research) Oct 2020-Sep 2021 award - US Army Medical Research and Development Command

6. Principal Investigator - Role of endovascular therapies in military trauma hemorrhage control and resuscitation (United States Army Institute of Surgical Research) Oct 2019-Sep 2021 - US Army Medical Research and Materiel Command
 - Evaluation of Angioembolization Techniques in Coagulopathic Swine
7. Associate Investigator (Principal Investigator Michael Dubick, PhD) - Evaluation of Partial Aortic Occlusion and Resuscitation Strategies in an Uncontrolled Traumatic Hemorrhage Model in Swine (United States Army Institute of Surgical Research) Oct 2018-Sep 2020 - US Army Medical Research and Materiel Command

Book Chapters (7 total)

1. **Kauvar DS**, Kraiss LW. Extremity Vascular Trauma. In Cronenwett JL, Johnston KW, eds. "Rutherford's Vascular Surgery" 10th ed. Elsevier; Philadelphia, PA. 2022. Pgs 2430-43.
2. **Kauvar DS**, Asiri M. Junctional and Extremity Vascular Trauma. In Khan M, ed. "Fundamentals of Frontline Surgery" CRC Press; Boca Raton, FL. 2021. Pgs 63-82.
3. **Kauvar DS**, Propper BD. Lower Extremity Vascular Injury. In Rasmussen TE, Tai N. R.M ed. "Rich's Vascular Trauma" 4th ed. Elsevier; Philadelphia, PA. 2021. Pgs. 273-287.
4. **Kauvar DS**, Kraiss LW. Extremity Vascular Trauma. In Cronenwett JL, Johnston KW, eds. "Rutherford's Vascular Surgery" 9th ed. Elsevier; Philadelphia, PA. 2018. Pgs. 2410-2422.
5. **Kauvar DS**. Vascular Trauma. In N Wolfson, A Lerner, L Roshal eds. "Disaster Orthopedics: Orthopedic Injuries in Natural Disasters and Mass Casualty Events" 1st ed. Springer; no publishing location available. 2016. Pgs. 212-223.
6. **Kauvar DS**, Kraiss LW. Extremity Vascular Trauma. In Cronenwett JL, Johnston KW, eds. "Rutherford's Vascular Surgery" 8th ed. Elsevier; Philadelphia, PA. 2014. 2380-2397.
7. **Kauvar DS**, Dubick MA, Blackburne LH, Wolf SE. Quaternary Blast Injury: Burns. In Nabil M. Elsayed NM, Atkins JL, eds. "Explosion and Blast-Related Injuries: Effects of Explosion and Blast from Military Operations and Acts of Terrorism" Elsevier Academic Press; London, UK. 2008. Pgs. 147-154.

Oral Presentations (36)

(Presented by Dr. David Kauvar unless otherwise stated)

1. O'Shea AE, Lee C, **Kauvar DS**. Analysis of Concomitant and Isolated Venous Injury in Military Lower Extremity Trauma. Presented by Dr. Anne O'Shea at the 45th Annual Meeting of the Vascular and Endovascular Surgery Society, Snowmass, CO, 28 Jan 2022.
2. Beeson SA, Neubauer D, Calvo R, Sise M, Martin M, **Kauvar DS**, Reid CM. Statewide Analysis of 5-Year Mortality Following Lower Extremity Amputation Due to Vascular Disease. Presented by Summer Beeson at the Annual Meeting of the Western Vascular Society, Jackson Hole, WY, 18 Oct 2021.
3. Lavery RB, Treffalls RN, McEntire SE, DuBose JJ, **Kauvar DS**. Life over Limb: Vascular Limb Complications Following REBOA. Presented by Dr. Robert Lavery at the 80th Annual Meeting of the American Association for the Surgery of Trauma, Atlanta, GA, 2 Oct 2021.
4. Romagnoli AN, Paterson J, Dua A, **Kauvar D**, Saqib N, Miller C, Starnes B, Azizzadeh A, DuBose J. Cover with caution: Management of the Left Subclavian Artery in TEVAR for

Trauma. Presented by Dr. Anna Romagnoli at the 80th Annual Meeting of the American Association for the Surgery of Trauma, Atlanta, GA, 1 Oct 2021.

5. Romagnoli AN, DuBose JJ, Dua A, Betzold R, Bee T, Fabian T, Morrison J, Skarupa D, Podbielski J, Inaba K, Feliciano D, **Kauvar DS**. Hard, Soft, & Irrelevant: Hemorrhagic & Ischemic Signs Better Distinguish Important Characteristics of Extremity Vascular Injuries. Presented by Dr. Anna Romagnoli at the 80th Annual Meeting of the American Association for the Surgery of Trauma, Atlanta, GA, 29 Sep 2021.
6. Lavery RB, Brock SG, Walters TJ, **Kauvar DS**. Outcomes of Arterial Grafts for the Reconstruction of Military Lower Extremity Arterial Injuries. Presented by Dr. Robert Lavery at the 45th Annual Meeting of the Vascular and Endovascular Surgery Society (Virtual format, Original location in Sun Valley Resort, ID) 22 Jan 2021.
7. **Kauvar DS**, Polykratis IA, DeGuzman R, Prince MD, Voelker A, Kheirabadi BS, Dubick MA. Evaluation of a Novel Hydrogel Intravascular Embolization Agent in a Swine Model of Fatal Uncontrolled Solid Organ Hemorrhage and Coagulopathy. Presented at the 35th Annual Meeting of the Western Vascular Society (Virtual format, no original location) 28 Sep 2020.
8. Romagnoli AN, DuBose JJ, Dua A, Betzold R, Bee T, Fabian T, Morrison J, Skarupa D, Podbielski J, Inaba K, Feliciano D, **Kauvar DS**. Hard Signs Gone Soft: A Critical Evaluation of Presenting Signs of Extremity Vascular Injury: Presented by Dr. Anna Romagnoli at the 79th Annual Meeting of the American Association for the Surgery of Trauma (Virtual format, no original location) 10 Sep 2020.
9. **Kauvar DS**, Staudt AM, Arthurs ZM, Propper BW, Piper LC, Rivera JC, Ryan KL, Walters TJ. Effect of Early Fasciotomy on Limb Salvage and Complications in Military Lower Extremity Vascular Injury: Presented at the 50th Annual Meeting of the Western Trauma Society, Sun Valley, ID, 24-28 Feb 2020.
10. Schechtman DS, Walters TJ, **Kauvar DS**. Utility of the Mangled Extremity Severity Score in Predicting Amputation in Military Lower Extremity Arterial Injury: Presented by Dr. David Schechtman at the 44th Annual Meeting of the Vascular and Endovascular surgery Society, Steamboat, CO 30 Jan-1 Feb 2020
11. **Kauvar DS**, Schechtman DW, Thomas SB, Polykratis IA, de Guzman R, Prince MD, Voelker A, Kheirabadi BS, Dubick MA. Endovascular Embolization Techniques in a Novel Swine Model of Fatal Uncontrolled Solid Organ Hemorrhage and Coagulopathy: Presented at the 44th Annual Meeting of the Vascular and Endovascular surgery Society, Steamboat, CO 30 Jan-1 Feb 2020.
12. **Kauvar DS**, Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA. Partial Zone 1 REBOA Does Not Extend Survival or Mitigate Uncontrolled Hemorrhage in a Severe Swine Shock Model: Presented at the Annual Meeting of the Western Trauma Association; Snowmass, CO, 3-8 March 2019
13. **Kauvar DS**, Propper BW, Arthurs ZA, Causey MW, Walters TJ. Impact of Staged Vascular Management on Limb Outcomes in Wartime Femoropopliteal Arterial Injury: presented at the Annual Meeting of the Vascular and Endovascular surgery Society; Snowbird, UT, 31 January-3 February 2019
14. Guice JL, Gifford SM, Hata K, Shi X, Propper BW, **Kauvar DS**. Analysis of Limb Outcomes by Management of Concomitant Vein Injury in Military Popliteal Artery Trauma: presented by Dr.

Jordan Guice at the Annual Meeting of the Vascular and Endovascular surgery Society;
Snowbird, UT, 31 January-3 February 2019

15. Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA, **Kauvar DS**. Partial Zone 1 REBOA Does Not Extend Survival or Mitigate Uncontrolled Hemorrhage in a Severe Shock Swine Model: presented by Dr. David Schechtman at the Excelsior Society for Military Surgery; Boston, MA, 20 October 2018.
16. **Kauvar DS**, Miller D, Walters TJ. Tourniquet Use is Not Associated with Limb Loss Following Military Lower Extremity Arterial Trauma: presented at the Military Health System Research Symposium; Kissimmee, FL, 21 August 2018.
17. Brown CD, Muniz MM, **Kauvar DS**. Response of the Popliteal Artery to Treadmill Exercise and Stress Positioning in Subjects With and Without Exertional Lower Extremity Symptoms. Presented by Dr. Colin Brown at the Vascular and Endovascular Surgery Society Spring Meeting at the Vascular Annual Meeting of the Society for Vascular Surgery; Boston, MA, 20 June 2018.
18. Piper LC, Staudt AM, Arthurs ZM, Propper BW, Piper LC, Rivera JC, Ryan KL, Walters TJ, **Kauvar DS**. Outcomes of Lower Extremity Fasciotomy in Wartime Vascular Injury: presented by Dr. Lydia Piper at the Excelsior Society for Military Surgery; Chicago, IL, 22 October 2017.
19. Mangieri CW, **Kauvar DS**. Characterization of primary aortic blast injury *in vivo*: presented by Dr. Christopher Mangieri at the Excelsior Society for Military Surgery; Chicago, IL, 22 October 2017.
20. **Kauvar DS**, Drury TA. Afghan Health Sector Capacity Building at Tarin Kowt Forward Surgical Element: presented at the annual meeting of the Special Operations Medical Association; Tampa, FL, 14-18 December 2012.
21. **Kauvar DS**, Sarfati MR, Kraiss LW. Increased transfusion of autologous blood but not plasma is associated with improved survival in ruptured abdominal aortic aneurysm: presented at the Resident's Forum, 26th annual meeting of the Western Vascular Society; Kauai, HI, 17-20 September 2011.
22. **Kauvar DS**, Sarfati MR, Kraiss LW. National Trauma Data Bank analysis of mortality and limb loss in isolated lower extremity arterial trauma: presented at the Resident's Forum, 25th annual meeting of the Western Vascular Society; Sunriver, OR, 26-29 September 2010.
23. **Kauvar DS**, White JM, Johnson CA, Jones WT, Rasmussen TE, Clouse WD. Endovascular versus open management of blunt traumatic aortic disruption at two military trauma centers: Comparison of in-hospital variables: presented at the 30th Annual Gary P. Wratten U.S. Army Surgical Symposium; Bethesda, MD, 29 April-2 May 2008.
24. **Kauvar DS**, Wolf SE, Cancio LC, Renz EM, Holcomb JB. Epidemiology of OIF and OEF Burn Casualties Admitted to the USAISR April 2003 - May 2006: presented at the 29th Annual Gary P. Wratten U.S. Army Surgical Symposium; Honolulu, HI, 6-9 May 2007
25. **Kauvar DS**, Baer DG, Walters TJ. The Combined Influence of Hemorrhage and Tourniquet Application on the Recovery of Muscle Function: presented at the 29th Annual Gary P. Wratten U.S. Army Surgical Symposium; Honolulu, HI, 6-9 May 2007

26. **Kauvar DS**, Baer DG, Dubick MA, Walters TJ. Fluid Resuscitation Following Hemorrhage Does Not Increase Late Edema or Viability Loss in Rat Skeletal Muscle After Ischemia-Reperfusion: presented at the second annual Academic Surgical Congress; Phoenix, AZ, 7-9 February 2007.
27. **Kauvar DS**, Baer DG. Effect of a Targeted Education Intervention on the Incidence of Waste Burning Injuries in a Military Population: presented at the 38th Annual Meeting of the American Burn Association; Las Vegas, NV, 4-7 April 2006.
28. **Kauvar DS**, Baer DG, Walters TJ. Influence of Systemic Hypotension on Skeletal Muscle Ischemia-Reperfusion Injury Following Four Hour Tourniquet Application: presented at the 19th Annual Scientific Meeting of the Eastern Association for the Surgery of Trauma; Orlando, FL, 10-14 January 2006
29. Wolf SE, **Kauvar DS**, Wade CE, Cancio LC, Renz EP, Horvath EE, White CE, Park MP, Wanek S, Albrecht MA, Blackbourne LH, Barillo DJ, Holcomb JB. Comparison Between Civilian Burns and Combat Burns from Operation Iraqi Freedom and Operation Enduring Freedom: presented by Dr. Steven E. Wolf at the Southern Surgical Association 2005 Annual Meeting; Hot Springs, VA, 4-7 December 2005
30. **Kauvar DS**, Brown BD, Braswell A, Harnisch M. Laparoscopic Cholecystectomy in the Elderly: presented at the Southern Medical Association's 99th Annual Scientific Assembly; San Antonio, TX, 10-13 November 2005
31. **Kauvar DS**, Baer DG, Dubick MA, Walters TJ. Fluid Resuscitation Following Hemorrhage Influences Acute Tourniquet-Induced Skeletal Muscle Ischemia-Reperfusion Injury: presented at the Forum on Fundamental Surgical Problems, American College of Surgeons 91st Annual Clinical Congress, San Francisco, CA, 16-20 October 2005
32. **Kauvar DS**, Wade CE. The Role of Hemorrhage in Traumatic Morbidity and Mortality: presented at the United States Army Institute of Surgical Research Symposium on Massive Transfusion; San Antonio, TX, 26 May 2005
33. **Kauvar DS**, Repine TB, Perkins JG, Blackborne L. Theater-Wide Use of Fresh Whole Blood in Operation Iraqi Freedom: Analysis of a Controversial Practice: presented at the 27th Annual Gary P. Wratten U.S. Army Surgical Symposium; El Paso, TX, April 2005
34. **Kauvar DS**, Baer DG, Walters TJ. Preischemic Hemorrhage Influences Tourniquet-Induced Skeletal Muscle Ischemia-Reperfusion Injury: presented at the 27th Annual Gary P. Wratten U.S. Army Surgical Symposium; El Paso, TX, April 2005
35. Walters TJ, **Kauvar DS**, Reeder J, Baer DG. Battlefield-Expedient Topical Antimicrobial Agents for Prevention of Burn Wound Sepsis in a Rat Model: presented at the 27th Annual Gary P. Wratten U.S. Army Surgical Symposium; El Paso, TX, April 2005
36. **Kauvar DS**, Baskin TW, Martin R. Roadside Guardrail Injuries: presented at the 25th Annual Gary P. Wratten U.S. Army Surgical Symposium; San Antonio, TX, May 2003.

Poster Presentations (14)

Presented by Dr. David Kauvar unless otherwise stated

1. Treffalls RN, Scheidt J, Lee C, Laverty RB, DuBose JJ, Scalea TM, **Kauvar DS**. Arterial access complications following percutaneous femoral access for REBOA in 24-hour survivors:

presented by Rebecca Treffalls at the 81st Annual Meeting of the American Association for the Surgery of Trauma; Chicago, IL, September 21-24 2022.

2. Choe LJ, Yelon JA, **Kauvar DS**. Influence of venous shunting on limb outcomes in military lower extremity combined arterial and venous injuries: presented by Dr. Lisa Choe at the 81st Annual Meeting of the American Association for the Surgery of Trauma; Chicago, IL, September 21-24 2022.
3. Anderson KM, Lucero L, Scheidt J, Lee CS, Ramos CR, O'Banion LA, Kundi R, Magee GA, Rajani R, Inaba K, **Kauvar DS**. The characteristics and results of endovascular devices in trauma (CREDIT) study: multi-institutional results: presented by Dr. Lisa Lucero at the 81st Annual Meeting of the American Association for the Surgery of Trauma; Chicago, IL, September 21-24 2022.
4. Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA, **Kauvar DS**. Comparison of Partial to Complete Aortic Balloon Occlusion on Survival and Indices of Shock in a Swine Model of Uncontrolled Splenic Hemorrhage with Delayed Resuscitation: presented by Dr. David Schechtman at the Military Health Services Research Symposium; Orlando, FL, 19-22 August 2019
5. **Kauvar DS**, Gurney JM. Exploring Nonbattle Injury Prevention in the Deployed Military Environment Using Existing Databases: presented at the Military Health Services Research Symposium; Orlando, FL, 19-22 August 2019
6. **Kauvar DS**, Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA. Partial REBOA in Aortic Zone I Improved Survival in a Swine Uncontrolled Hemorrhage Model: presented by Dr. Michael Dubick at the 42nd meeting of the Shock Society; Coronado, CA, June 8-11 2019.
7. Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA **Kauvar DS**. Aortic Zone I REBOA Application as an Adjunct to Standard Hemostatic Treatment of Liver Injury/Hemorrhage in Swine: presented by Dr. David Schechtman at the American Association for the Surgery of Trauma Annual Meeting; San Diego, CA, 25-29 September 2018
8. Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA **Kauvar DS**. Influence of Resuscitation Fluid Type with REBOA Use in a Swine Uncontrolled Hemorrhage Model: presented by Dr. David Schechtman at the Military Health Services Research Symposium; Orlando, FL, 20-23 August 2018
9. **Kauvar DS**, Dubick MA. Beyond REBOA: Military Priorities for Translational Research in Endovascular Hemorrhage Control and Resuscitation: presented at the Endovascular Trauma Management Society annual meeting; Orebro, Sweden, 7-9 June 2018
10. **Kauvar DS**, Osborne CL. Content Assessment of Health Status Measures for Intermittent Claudication Using the International Classification of Functioning, Disability and Health: presented at the interactive poster session of the Vascular Annual Meeting of the Society for Vascular Surgery; San Diego, CA, 1-3 June 2017.
11. Mangieri CW, **Kauvar DS**. Morbid Obesity is an Independent Risk Factor for Wound Complications Following Endovascular Abdominal Aortic Aneurysm Repair: poster presentation by Dr. Christopher Mangieri at the Annual Scientific Meeting of the Southeastern Surgical Congress; Atlanta, GA, 20-23 February 2016.

12. **Kauvar DS**, Martin ED, Givens MD. Gender and Comorbidities Predict Discharge Destination Following Elective Femoropopliteal Bypass in Patients Without Critical Ischemia: Analysis of the NSQIP Database: presented at the poster competition of the Vascular Annual Meeting of the Society for Vascular Surgery; Chicago, IL, 18-20 June 2015.
13. **Kauvar DS**, Brown BD, Braswell A, Harnisch M. Influence of Resident and Attending Surgeon Seniority on Operative Performance in Laparoscopic Cholecystectomy: presented at the First Annual Academic Surgical Congress; San Diego, CA, 7-11 February 2006
14. **Kauvar DS**, Cancio LC, Wolf SE, Wade CE, Holcomb JB. Comparison of Combat and Noncombat Burns from Ongoing U.S. Military Operations: presented at the First Annual Academic Surgical Congress; San Diego, CA, 7-11 February 2006

Peer-Reviewed Original Research Publications (79 published, 2 in press)

1. **Kauvar DS**, Aydelotte JD, Harnisch M. Perforated Solitary Diverticulitis of the Ascending Colon. *Curr Surg* 2005;62:338-40. doi: 10.1016/j.cursur.2004.12.012. PMID: 15890220.
2. **Kauvar DS**, Acheson E, Baer DG, Reeder J, Roll K. Comparison of Battlefield-Expedient Topical Antimicrobial Agents for the Prevention of Burn Wound Sepsis in a Rat Model. *J Burn Care Rehab* 2005;26:357-61. doi: 10.1097/01.bcr.0000170276.33207.b4. PMID: 16006845.
3. **Kauvar DS**, Baskin TW, Martin R. Complete Traumatic Hemipelvectomy Resulting from Roadside Guardrail Penetration of a Motor Vehicle. *Injury Extra* 2005;36:454-7. <https://core.ac.uk/download/pdf/82542446.pdf>
4. **Kauvar DS**, Brown BD, Braswell A, Harnisch M. Laparoscopic Cholecystectomy in the Elderly: Increased Complications and Conversions to Laparotomy. *J Laparoendosc Adv Surg Tech* 2005;15:379-82. doi: 10.1089/lap.2005.15.379. PMID: 16108740.
5. **Kauvar DS**, Wade CE. The Epidemiology and Modern Management of Traumatic Hemorrhage: US and International Perspectives. *Crit Care* 2005;9 (5 Suppl);S1-S9. doi: 10.1186/cc3779. Epub 2005 Oct 7. PMID: 16221313; PMCID: PMC3226117.
6. Walters TJ, Wenke JC, **Kauvar DS**, McManus JG, Greydanus DJ, Holcomb JB, Baer DG. Effectiveness of Self-Applied Tourniquets in Human Volunteers. *Prehosp Emerg Care* 2005;9:416-22. doi: 10.1080/10903120500255123. PMID: 16263675.
7. **Kauvar DS**, Brown BD, Braswell A, Harnisch M. Influence of Resident and Attending Surgeon Seniority on Operative Performance in Laparoscopic Cholecystectomy. *J Surg Res* 2006;132:159-63. doi: 10.1016/j.jss.2005.11.578. Epub 2006 Jan 18. PMID: 16412471.
8. **Kauvar DS**, Cancio LC, Wolf SE, Wade CE, Holcomb JB. Comparison of Combat and Noncombat Burns From Ongoing U.S. Military Operations. *J Surg Res* 2006;132:195-200. doi: 10.1016/j.jss.2006.02.043. Epub 2006 Mar 31. PMID: 16580688.
9. **Kauvar DS**, Baer DG, Dubick MA, Walters TJ. Effect of Fluid Resuscitation on Acute Skeletal Muscle Ischemia-Reperfusion Injury Following Hemorrhagic Shock in Rats. *J Am Coll Surg* 2006;202:888-96. doi: 10.1016/j.jamcollsurg.2006.03.003. PMID: 16735202.
10. Wolf SE, **Kauvar DS**, Wade CE, Cancio LC, Renz EP, Horvath EE, White CE, Park MP, Wanek S, Albrecht MA, Blackbourne LH, Barillo DJ, Holcomb JB. Comparison between

Civilian Burns and Combat Burns from Operation Iraqi Freedom and Operation Enduring Freedom. *Ann Surg* 2006;243:786-92. discussion 792-5. doi: 10.1097/01.sla.0000219645.88867.b7. PMID: 16772782; PMCID: PMC1570579.

11. **Kauvar DS**, Lefering R, Wade CE. Impact of Hemorrhage on Trauma Outcome: An Overview of Epidemiology, Clinical Presentations, and Therapeutic Considerations. *J Trauma* 2006;60(6 Suppl):S3-S11. doi: 10.1097/01.ta.0000199961.02677.19. PMID: 16763478.
12. Repine TB, Perkins JG, **Kauvar DS**, Blackburne L. The Use of Fresh Whole Blood in Massive Transfusion. *J Trauma* 2006;60(6 Suppl):S59-69. doi: 10.1097/01.ta.0000219013.64168.b2. PMID: 16763483.
13. **Kauvar DS**, Holcomb JB, Norris CG, Hess JR. Fresh Whole Blood Transfusion: A Controversial Military Practice. *J Trauma* 2006;61:181-4. doi: 10.1097/01.ta.0000222671.84335.64. PMID: 16832268.
14. McMullin NR, **Kauvar DS**, Currier HM, Pusateri AE, Baskin TW, Holcomb JB. The Clinical and Laboratory Response to Recombinant Factor VIIa in Trauma and Surgical Patients with Acquired Coagulopathy. *Curr Surg* 2006;63:246-51. doi: 10.1016/j.cursur.2006.03.007. PMID: 16843774.
15. Walters TJ, Baer DG, **Kauvar DS**. Development of a Large Animal Fatal Extremity Hemorrhage Model for Evaluation of a Polymeric Dressing. *J Trauma* 2006;61:1107-12. doi: 10.1097/01.ta.0000195655.30837.29. PMID: 17099515.
16. **Kauvar DS**, Wolf SE, Cancio LC, Renz EM, Holcomb JB. Burns Sustained in Combat Explosions in Operations Iraqi and Enduring Freedom. *Burns* 2006;32:853-857. doi: 10.1016/j.burns.2006.03.008. Epub 2006 Aug 8. PMID: 16899341.
17. Walters TJ, **Kauvar DS**, Reeder J, Baer DG. Effect of Reactive Skin Decontamination Lotion on Skin Wound Healing in the Laboratory Rat. *Mil Med* 2007;172:318-21. doi: 10.7205/milmed.172.3.318. PMID: 17436779.
18. **Kauvar DS**, Baer DG, Walters TJ. Influence of Systemic Hypotension on Skeletal Muscle Ischemia-Reperfusion Injury Following Four-Hour Tourniquet Application. *J Surg Educ* 2007;64:273-7. doi: 10.1016/j.jsurg.2007.06.010. PMID: 17961884.
19. Walters TJ, Kragh JF, **Kauvar DS**, Baer DG. The Combined Influence of Hemorrhage and Tourniquet Application on the Recovery of Muscle Function in Rats. *J Orthop Trauma* 2008;22:47-51. doi: 10.1097/BOT.0b013e31815b3591. PMID: 18176165.
20. Beekley AC, Sebesta JA, Blackburne LH, Herbert GS, **Kauvar DS**, Baer DG, Walters TJ, Mullenix PS, Holcomb JB. Prehospital Tourniquet Use in Operation Iraqi Freedom: Effect on Hemorrhage Control and Outcomes. *J Trauma* 2008;64:(2 Suppl):S28-37; discussion S37. doi: 10.1097/TA.0b013e318160937e. PMID: 18376169.
21. **Kauvar DS**, Baer DG. Effect of a Targeted Education Intervention on the Incidence of Waste-Burning Injuries in a Military Population. *J Burn Care Res* 2009;30:700-4. doi: 10.1097/BCR.0b013e3181ac0190. PMID: 19506492.
22. **Kauvar DS**, White JM, Johnson CA, Jones WT, Rasmussen TE, Clouse WD. Endovascular versus open management of blunt traumatic aortic disruption at two military trauma centers:

Comparison of in-hospital variables. *Mil Med* 2009;174:869-73. doi: 10.7205/milmed-d-00-2609. PMID: 19743746.

23. **Kauvar DS**, Wade CE, Baer DG. Burn hazards of the deployed environment in wartime: Epidemiology of noncombat burns from ongoing United States military operations. *J Am Coll Surg* 2009;209:453-60. doi: 10.1016/j.jamcollsurg.2009.06.367. Epub 2009 Aug 8. PMID: 19801318.
24. Popentiu AI, Weber-Lauer C, Nieman C, **Kauvar DS**, Sabau D. Late presentation of a shrapnel wound-induced intra-thoracic abdominal evisceration as colon perforation within a left faecopneumothorax. *Chirurgia (Bucur)* 2010;105:253-6. PMID: 20540242.
25. **Kauvar DS**, Sarfati MR, Kraiss LW. National Trauma Data Bank analysis of mortality and limb loss in isolated lower extremity arterial injury. *J Vasc Surg* 2011;53:1598-603. doi: 10.1016/j.jvs.2011.01.056. Epub 2011 Apr 22. PMID: 21514772.
26. **Kauvar DS**, Kraiss LW. Commentary on: Advances in the endovascular management of acute injury. *Perspect Vasc Surg Endovasc Ther* 2011;23:64-5. doi: 10.1177/1531003511408437. Epub 2011 Aug 1. PMID: 21810816.
27. De Martino RR, Brewster LP, Kokkosis AA, Glass C, Boros M, Kreishman P, **Kauvar D**, Farber A. The perspective of the vascular surgery trainee on new ACGME regulations, fatigue, resident training, and patient safety. *Vasc Endovascular Surg* 2011;45:697-702. doi: 10.1177/1538574411418130. PMID: 22262113.
28. **Kauvar DS**, Sarfati MR, Kraiss LW. Intraoperative blood product resuscitation and mortality in ruptured abdominal aortic aneurysm. *J Vasc Surg* 2012;55:688-92. doi: 10.1016/j.jvs.2011.10.028. Epub 2012 Jan 24. PMID: 22277689.
29. **Kauvar DS**, Martin ED, Givens MD. 30-Day Outcomes Following Elective Percutaneous or Open Endovascular Repair of Abdominal Aortic Aneurysms. *Ann Vasc Surg* 2016;31:46-51. doi: 10.1016/j.avsg.2015.10.009. Epub 2015 Nov 30. PMID: 26658092.
30. **Kauvar DS**, Osborne CL. Discharge Destination Following Elective Femoropopliteal Bypass in Patients without Critical Ischemia. *Am Surg* 2016;82:462-7. PMID: 27215729.
31. Mangieri CW, **Kauvar DS**. Increasing Body Mass Index Predicts Wound Complications Following Elective Endovascular Abdominal Aortic Aneurysm Repair. *Am Surg* 2017;83:81-3. <https://doi.org/10.1177/000313481708300>
32. **Kauvar DS**, Martin EM, Simon TE, Givens MD. Complication Profile, Failure to Rescue, and Mortality Following Elective Endovascular Aortic Aneurysm Repair. *Am J Surg*. 2017;214:307-11. doi: 10.1016/j.amjsurg.2017.02.007. Epub 2017 Feb 8. PMID: 28202161
33. **Kauvar DS**, Osborne CL. Identifying Content Gaps in Health Status Measures for Intermittent Claudication Using the International Classification of Functioning, Disability and Health. *J Vasc Surg* 2018;67:868-75. doi: 10.1016/j.jvs.2017.08.062. Epub 2017 Oct 23. PMID: 29074112.
34. **Kauvar DS**, Dubick MA, Walters TJ, Kragh JF. Systematic Review of Prehospital Tourniquet Use in Civilian Limb Trauma. *J Trauma* 2018;84:819-25. doi: 10.1097/TA.0000000000001826. PMID: 29432381.
35. **Kauvar DS**, Miller D, Walters TJ. Tourniquet Use is Not Associated with Limb Loss Following Military Lower Extremity Arterial Trauma. *J Trauma* 2018;85:495-99. doi:

- 10.1097/TA.0000000000002016. Erratum in: *J Trauma Acute Care Surg*. 2018 Oct;85(4):826. PMID: 30020226.
36. Osborne CL, **Kauvar DS**. A Content Analysis of Peripheral Artery Disease Patient-Reported Outcome Measures Using the International Classification of Functioning, Disability and Health. *Disabil Rehabil*. 2019 Feb;41(4):456-464. doi: 10.1080/09638288.2017.1390699. Epub 2017 Oct 17. PMID: 29041818.
37. **Kauvar DS**, Dubick MA, Martin MJ. Large Animal Models of Proximal Aortic Balloon Occlusion in Traumatic Hemorrhage: Review and Identification of Knowledge Gaps Relevant to Expanded Use. *J Surg Res* 2019;236:247-58. doi: 10.1016/j.jss.2018.11.038. Epub 2018 Dec 21. PMID: 30694763.
38. Brown CD, Muniz MM, **Kauvar DS**. Response of the Popliteal Artery to Treadmill Exercise and Stress Positioning in Subjects With and Without Exertional Lower Extremity Symptoms. *J Vasc Surg* 2019;69:1545-51. doi: 10.1016/j.jvs.2018.08.171. Epub 2018 Nov 26. PMID: 30497867.
39. Thomas SB, Schechtman DW, Walters TJ, **Kauvar DS**. Predictors and Timing of Amputations in Military Lower Extremity Trauma with Arterial Injury. *J Trauma* 2019;87(1 Suppl):S172-7. doi: 10.1097/TA.0000000000002185. PMID: 31246923.
40. **Kauvar DS**, Schechtman DW, Thomas SB, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA. Effect of Partial and Complete Aortic Balloon Occlusion on Survival and Shock in a Swine Model of Uncontrolled Splenic Hemorrhage with Delayed Resuscitation. *J Trauma* 2019;87:1026-34. doi: 10.1097/TA.0000000000002439. PMID: 31658236.
41. Vella MA, Dumas RP, DuBose J, Morrison J, Scalea T, Moore L, Podbielski J, Inaba K, Piccinini A, **Kauvar DS***, Baggenstoss VL, Spalding C, Fox C, Moore EE, Cannon JW; AAST AORTA Study Group (16 members). Intraoperative REBOA: an analysis of the American Association for the Surgery of Trauma AORTA registry. *J Trauma Surg Acute Care Open* 2019 Nov 11;4(1):e000340. doi: 10.1136/tsaco-2019-000340. PMID: 31799415; PMCID: PMC6861115. *Site principal investigator of multicenter trial, participated in study conception and design, data acquisition, and critical manuscript revision.
42. Guice JL, Gifford SM, Hata K, Shi X, Propper BW, **Kauvar DS**. Analysis of Limb Outcomes by Management of Concomitant Vein Injury in Military Popliteal Artery Trauma. *Ann Vasc Surg*. 2020 Jan;62:51-56. doi: 10.1016/j.avsg.2019.05.007. Epub 2019 Jun 13. PMID: 31201972.
43. **Kauvar DS**, Dubick MA, Martin MD. Response Regarding: Large Animal Models of Proximal Aortic Balloon Occlusion in Traumatic Hemorrhage. *J Surg Res*. 2020 Jan;245:602-603. doi: 10.1016/j.jss.2019.08.005. Epub 2019 Sep 6. PMID: 31499367.
44. **Kauvar DS**, Propper BW, Arthurs ZA, Causey MW, Walters TJ. Impact of Staged Vascular Management on Limb Outcomes in Wartime Femoropopliteal Arterial Injury. *Ann Vasc Surg*. 2020 Jan;62:119-127. doi: 10.1016/j.avsg.2019.08.072. Epub 2019 Aug 30. PMID: 31476424.
45. Schechtman DW, **Kauvar DS***, De Guzman R, Polykratis IA, Prince MD, Kheirabadi BS, Dubick MA. Abdominal Aortic and Junctional Tourniquet Versus Zone III Resuscitative Endovascular Balloon Occlusion of the Aorta in a Swine Junctional Hemorrhage Model. *J Trauma*. 2020 Feb;88(2):292-297. doi: 10.1097/TA.0000000000002553. PMID: 31999656. *Supervised and performed experiments, analyzed and interpreted data, critically revised manuscript.

46. Schechtman DW, **Kauvar DS***, Prince MD, DeGuzman R, Polykratis IA, Kheirabadi BS, Dubick MA. Differing Resuscitation with Aortic Occlusion in a Swine Junctional Hemorrhage Polytrauma Model. *J Surg Res*. 2020 Apr;248:90-97. doi: 10.1016/j.jss.2019.11.028. Epub 2019 Dec 23. PMID: 31877435. *Supervised and performed experiments, analyzed and interpreted data, critically revised manuscript.
47. Osborne CL, **Kauvar DS***, Juengst S. Linking the Behavioral Assessment Screening Tool to the International Classification of Functioning, Disability, and Health as a novel indicator of content validity. *Disabil Rehabil* 2020 Jun;42(12):1775-1782. doi: 10.1080/09638288.2018.1539128. Epub 2019 Jan 18. PMID: 30656977. *Participated in data acquisition and analysis and manuscript drafting.
48. **Kauvar DS**, Gurney JM. Exploring Nonbattle Injury in the Deployed Military Environment Using the Department of Defense Trauma Registry. *Mil Med* 2020; 2020 Aug 14;185(7-8):e1073-e1076. doi: 10.1093/milmed/usz481. PMID: 32147699.
49. Manzano-Nunez R, McGreevy D, Orlas CP, Garcia AF, Horer TM, DuBose J, Ordonez CA, **Kauvar D***. Outcomes and management approaches of resuscitative endovascular balloon occlusion of the aorta based on the income of countries. *World J Emerg Surg*. 2020 Oct 12;15(1):57. doi: 10.1186/s13017-020-00337-w. PMID: 33046096; PMCID: PMC7549081. *Site principal investigator of multicenter trial, participated in study conception and design, data acquisition, and critical manuscript revision.
50. DuBose JJ, Morrison J, Moore LJ, Cannon JW, Seamon MJ, Inaba K, **Kauvar DS***, AORTA Study Group (16 members). Does Clamshell Thoracotomy Better Facilitate Thoracic Life-Saving Procedures Without Increased Complication Compared with an Anterolateral Approach to Resuscitative Thoracotomy? Results from the American Association for the Surgery of Trauma Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery Registry. *J Am Coll Surg*. 2020 Dec;231(6):713-719.e1. doi: 10.1016/j.jamcollsurg.2020.09.002. Epub 2020 Sep 16. PMID: 32947036. *Site principal investigator of multicenter trial, participated in study conception and design, data acquisition, and critical manuscript revision.
51. **Kauvar DS**, Schechtman DW, Thomas SB, Polykratis IA, de Guzman R, Prince MD, Voelker A, Kheirabadi BS, Dubick MA. Endovascular Embolization Techniques in a Novel Swine Model of Fatal Uncontrolled Solid Organ Hemorrhage and Coagulopathy. *Ann Vasc Surg*. 2021 Jan;70:143-151. doi: 10.1016/j.avsg.2020.05.004. Epub 2020 May 15. PMID: 32417282.
52. Schechtman DS, Walters TJ, **Kauvar DS**. Utility of the Mangled Extremity Severity Score in Predicting Amputation in Military Lower Extremity Arterial Injury. *Ann Vasc Surg*. 2021 Jan;70:95-100. doi: 10.1016/j.avsg.2020.08.095. Epub 2020 Aug 29. PMID: 32866576.
53. Romagnoli AN, DuBose JJ, Dua A, Betzold R, Bee T, Fabian T, Morrison J, Skarupa D, Podbielski J, Inaba K, Feliciano D, **Kauvar DS**. Hard Signs Gone Soft: A Critical Evaluation of Presenting Signs of Extremity Vascular Injury. *J Trauma*. 2021 Jan 1;90(1):1-10. doi: 10.1097/TA.0000000000002958. PMID: 33017355.
54. Bukur M, Warnack E, DiMaggio C, Frangos S, Morrison JJ, Scalea TM, Moore LJ, Podbielski J, Inaba K, **Kauvar D***, Cannon JW, Seamon MJ, Spalding MC, Fox C, DuBose JJ; and the AAST AORTA Study Group (16 members). Temporal Changes in Reboa Utilization Practices are Associated with Increased Survival: An Analysis of the Aorta Registry. *Shock*. 2021 Jan 1;55(1):24-32. doi: 10.1097/SHK.0000000000001586. PMID: 32842023. *Site principal

investigator of multicenter trial, participated in study conception and design, data acquisition, and critical manuscript revision.

55. **Kauvar DS**, Staudt AM, Arthurs ZM, Propper BW, Piper LC, Rivera JC, Ryan KL, Walters TJ. Early Fasciotomy, Limb Salvage, and Complications in Military Lower Extremity Vascular Injury. *J Surg Res*. 2021 Apr;260:409-418. doi: 10.1016/j.jss.2020.10.017. Epub 2020 Nov 28. PMID: 33261856.
56. Stigall KS, Blough PE, Rall JM, **Kauvar DS**. Conversion of Abdominal and Junctional Tourniquet (AAJT) to Infrarenal Resuscitative Endovascular Occlusion of the Aorta (REBOA) is Practical in a Swine Hemorrhage Model. *J Spec Oper Med*. 2021 Spring;21(1):30-36. doi: 10.55460/V5UD-1SVF. PMID: 33721303.
57. Stigall KS, Sleeter JJ, Thomas SB, Schechtman DW, Blough PE, Rall JM, **Kauvar DS**. Performance of a Novel Temporary Arterial Shunt in a Military-Relevant Controlled Hemorrhage Swine Model. *J Trauma Acute Care Surg*. 2021 Aug 1;91(2S Suppl 2):S74-S80. doi: 10.1097/TA.0000000000003282. PMID: 34117170.
58. **Kauvar DS**, Polykratis IA, DeGuzman R, Prince MD, Voelker A, Kheirabadi BS, Dubick MA. Evaluation of a Novel Hydrogel Intravascular Embolization Agent in a Swine Model of Fatal Uncontrolled Solid Organ Hemorrhage and Coagulopathy. *J JVS Vasc Sci*. 2021 Mar 3;2:43-51. doi: 10.1016/j.jvssci.2021.01.004. PMID: 34617057; PMCID: PMC8489201.
59. Lavery RB, Brock SG, Walters TJ, **Kauvar DS**. Outcomes of Arterial Grafts for the Reconstruction of Military Lower Extremity Arterial Injuries. *Ann Vasc Surg* 2021 Oct;76:59-65. doi: 10.1016/j.avsg.2021.03.006. Epub 2021 Apr 5. PMID: 33831531.
60. Gorman E, Nowak B, Klein M, Inaba K, Morrison J, Scalea T, Seamon M, Fox C, Moore L, **Kauvar D***, Spalding M, Dubose J, DiMaggio C, Livingston DH, Bukur M; AAST AORTA Study Group (16 members). High resuscitative endovascular balloon occlusion of the aorta procedural volume is associated with improved outcomes: An analysis of the AORTA registry. *J Trauma Acute Care Surg*. 2021 Nov 1;91(5):781-789. doi: 10.1097/TA.0000000000003201. PMID: 34695057. *Site principal investigator of multicenter trial, participated in study conception and design, data acquisition, and manuscript editing.
61. Ordoñez CA, Khan M, Cotton B, Perreira B, Brenner M, Ferrada P, Horer T, **Kauvar D***, Kirkpatrick A, Priouzram A, Roberts D, Duchesne J. The Colombian Experience in Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA): The Progression from a Large Caliber to a Low-Profile Device at a Level I Trauma Center. *Shock*. 2021 Dec 1;56(1S):42-45. doi: 10.1097/SHK.0000000000001515. PMID: 31977958. *Provided administrative support, critically revised manuscript.
62. Tatum D, Duchesne J, Pereira B, Cotton B, Khan M, Brenner M, Ferrada P, Hörer T, **Kauvar D***, Kirkpatrick A, Ordonez C, Pirouzram A, Roberts D; Damage Control Resuscitation Committee (12 members). Time to Hemorrhage Control in a Hybrid ER System: Is it Time to Change? *Shock*. 2021 Dec 1;56(1S):16-21. doi: 10.1097/SHK.0000000000001539. PMID: 32205794. *Provided administrative support, critically revised manuscript.
63. Duchesne J, Taghavi S, Houghton A, Khan M, Perreira B, Cotton B, Tatum D, Brenner M, Ferrada P, Horer T, **Kauvar D***, Kirkpatrick A, Ordonez C, Priouzram A, Roberts D. Prehospital Mortality Due to Hemorrhagic Shock Remains High and Unchanged: A Summary of Current Civilian EMS Practices and New Military Changes. *Shock*. 2021 Dec 1;56(1S):3-8.

doi: 10.1097/SHK.0000000000001522. PMID: 32080059. *Provided administrative support, critically revised manuscript.

64. Hörer TM, Pirouzram A, Khan M, Brenner M, Cotton B, Duchesne J, Ferrada P, **Kauvar D***, Kirkpatrick A, Ordonez C, Perreira B, Roberts D. Endovascular Resuscitation and Trauma Management (EVTM) - Practical Aspects and Implementation. *Shock*. 2021 Dec 1;56(1S):37-41. doi: 10.1097/SHK.0000000000001529. PMID: 32080064. *Provided administrative support, critically revised manuscript.
65. McCoy CC, Cotton BA, Brenner M, Roberts D, Ferrada P, Horer T, **Kauvar D***, Khan M, Kirkpatrick A, Ordonez C, Perreira B, Roberts D, Priouzram A, Duchesne J. Back to the Future: Whole Blood Resuscitation of the Severely Injured Trauma Patient. *Shock*. 2021 Dec 1;56(1S):9-15. doi: 10.1097/SHK.0000000000001685. PMID: 33122511; PMCID: PMC8601673. *Provided administrative support, critically revised manuscript.
66. Williams J, Gustafson M, Bai Y, Prater S, Wade CE, Guillamondegui OD, Khan M, Brenner M, Ferrada P, Roberts D, Horer T, **Kauvar D***, Kirkpatrick A, Ordonez C, Perreira B, Priouzram A, Duchesne J, Cotton BA. Limitations of Available Blood Products for Massive Transfusion During Mass Casualty Events at us Level 1 Trauma Centers. *Shock*. 2021 Dec 1;56(1S):62-69. doi: 10.1097/SHK.0000000000001719. PMID: 33470606; PMCID: PMC8601667. *Provided administrative support, critically revised manuscript.
67. **Kauvar D**, Cotton B, Khan M, Perreira B, Brenner M, Ferrada P, Horer T, Kirkpatrick A, Ordoñez C, Pirouzram A, Roberts D, Duchesne J. Challenges and Opportunities for Endovascular Treatment of Hemorrhage in Combat Casualty Care. *Shock*. 2021 Dec 1;56(1S):46-51. doi: 10.1097/SHK.0000000000001514. PMID: 34797786.
68. Brill JB, Cotton BA, Brenner M, Duchesne J, Ferrada P, Horer T, **Kauvar D***, Khan M, Roberts D, Ordonez C, Perreira B, Priouzram A, Kirkpatrick A. The Role of TEG and ROTEM in Damage Control Resuscitation. *Shock* 2021 Dec 1;56(1S):52-61. doi: 10.1097/SHK.0000000000001686. PMID: 33769424; PMCID: PMC8601668. *Provided administrative support, critically revised manuscript.
69. **Kauvar D**, Duchesne J, Taghavi S, Khan M, Perreira B, Cotton B, Brenner M, Ferrada P, Horer T, Kirkpatrick A, Ordoñez C, Priouzram A, Roberts D. Circulatory Trauma: A Paradigm for Understanding the Role of Endovascular Therapy in Hemorrhage Control. *Shock* 2021 Dec 1;56(1S):22-29. doi: 10.1097/SHK.0000000000001513. PMID: 34797785.
70. Lavery RB, Treffalls RN, **Kauvar DS**. Systematic Review of Temporary Intravascular Shunt Use in Military and Civilian Extremity Trauma. *J Trauma Acute Care Surg*. 2022 Jan 1;92(1):232-238. doi: 10.1097/TA.0000000000003399. PMID: 34538830.
71. Lavery RB, Treffalls RN, McEntire SE, DuBose JJ, **Kauvar DS**. Life Over Limb: Arterial Access-Related Limb Ischemic Complications in 48 Hour REBOA Survivors. *J Trauma Acute Care Surg*. 2022 Apr 1;92(4):723-728. doi: 10.1097/TA.0000000000003440. PMID: 34789696.
72. Bini JK, Hardman C, Morrison J, Scalea TM, Moore LJ, Podbielski JM, Inaba K, Piccinini A, **Kauvar DS***, Cannon J, Spalding C, Fox C, Moore E, DuBose JJ; AAST AORTA Study Group (16 members). Survival benefit for pelvic trauma patients undergoing Resuscitative Endovascular Balloon Occlusion of the Aorta: Results of the AAST Aortic Occlusion for Resuscitation in Trauma Acute Care Surgery (AORTA) Registry. *Injury* 2022 Jun;53(6):2126-2132. doi: 10.1016/j.injury.2022.03.005. Epub 2022 Mar 12. PMID: 35341594. *Site principal investigator of multicenter trial, participated in study conception and design, data acquisition,

and critical manuscript revision.

73. Harfouche M, **Kauvar DS***, Feliciano D, DuBose JJ. Managing Vascular Trauma: Trauma Surgeons Versus Vascular Surgeons. *Am Surg* 2022 Jul;88(7):1420-1426. doi: 10.1177/00031348221080427. Epub 2022 Feb 27. PMID: 35220729. *Participated in study conception and design, data acquisition, manuscript drafting and critical revision.
74. **Kauvar DS**, Yelon JA, Wilson A, Gaines BA, Martin MJ, Cannon JW. Perspectives on Competencies for Care in Austere Settings. *J Trauma Acute Care Surg*. 2022 Aug 1;93(2S Suppl 1):S179-S183. doi: 10.1097/TA.0000000000003630. Epub 2022 Mar 28. PMID: 35358120.
75. O'Shea AE, Lee C, **Kauvar DS**. Analysis of Concomitant and Isolated Venous Injury in Military Lower Extremity Trauma. *Ann Vasc Surg* 2022 Nov;87:147-154. doi: 10.1016/j.avsg.2022.04.003. Epub 2022 Apr 20. PMID: 35460859.
76. Choe LJ, Yelon JA, **Kauvar DS**. Venous Shunting and Limb Outcomes in Military Lower Extremity Combined Arterial and Venous Injuries. *Surg Pract Sci* 2022. Volume 11. <https://doi.org/10.1016/j.sipas.2022.100145>.
77. Romagnoli AN, Paterson J, Dua A, **Kauvar D***, Saqib N, Miller C, Starnes B, Azizzadeh A, DuBose J. Cover with caution: Management of the Left Subclavian Artery in TEVAR for trauma. *J Trauma Acute Care Surg*. 2023 Mar 1;94(3):392-397. doi: 10.1097/TA.0000000000003832. Epub 2022 Nov 29. PMID: 36730028. *Participated in study design, data interpretation, and critical manuscript revision
78. Beeson SA, Neubauer D, Calvo R, Sise M, Martin M, **Kauvar DS***, Reid CM. Analysis of 5-year Mortality following Lower Extremity Amputation due to Vascular Disease. *Plast Reconstr Surg Glob Open* 2023 Jan 11;11(1):e4727. doi: 10.1097/GOX.0000000000004727. PMID: 36699221; PMCID: PMC9833438. *Participated in study conception and design, data interpretation, manuscript drafting and critical revision.
79. Anderson KM, Lucero L, Scheidt J, Lee CS, Ramos CR, O'Banion LA, Kundi R, Magee GA, Rajani R, Inaba K, **Kauvar DS**. The Characteristics and Results of Endovascular Devices in Trauma (CREDiT) Study: Multi-Institutional Results. *Injury*. 2023 Mar 22:S0020-1383(23)00285-1. doi: 10.1016/j.injury.2023.03.029. Epub ahead of print. PMID: 37005135.
80. Kabeil M, **Kauvar DS***, Bennett LF, Wohlaer MV. Recent Advances and the Future of Abdominopelvic and Lower Extremity Vascular Injury Management. *Semin Vasc Surg* (In Press 2023). *Participated in conception of review, literature search, drafting and critical revision of manuscript.
81. Treffalls RN, Scheidt J, Lee C, Laverty RB, DuBose JJ, Scalea TM, **Kauvar DS**. Arterial Access Complications Following Percutaneous Femoral Access in 24-Hour REBOA Survivors. *J Surg Res*. 2023 Jun 2;290:203-208. doi: 10.1016/j.jss.2023.05.004. Online ahead of print. PMID: 37271068

Other Publications (5)

1. Walters TJ, Wenke JC, **Kauvar DS**, McManus J, Greydanus DJ, Holcomb JB, Baer DG. Laboratory Evaluation of Battlefield Tourniquets in Human Volunteers. *US AMEDD J* 2005;2:50-7. <https://apps.dtic.mil/sti/pdfs/ADA441140.pdf>

2. Walters TJ, **Kauvar DS**, Baer DG, Holcomb JB. Battlefield Tourniquets: Modern Combat Lifesavers. *US AMEDD J* 2005;2:42-3.
<https://go.gale.com/ps/i.do?p=AONE&u=googlescholar&id=GALE|A147669343&v=2.1&it=r&sid=AONE&asid=cbe0b605>
3. **Kauvar DS**, Drury TA. Military Medical Assets as Counterinsurgency Force Multipliers: A Call to Action. *Small Wars Journal* 2012;8 (published online 28 November 2012).
<https://smallwarsjournal.com/jrnl/art/military-medical-assets-as-counterinsurgency-force-multipliers-a-call-to-action>
4. **Kauvar DS**, Drury TA. Forward-deployed Medical Assets and the COIN Offensive. *Joint Force Quarterly* 2013;70;15-20. https://ndupress.ndu.edu/Portals/68/Documents/jfq/jfq-70/JFQ-70_15-20_Kauvar-Drury.pdf
5. **Kauvar DS**, Drury TA. Medical Operations in Counterinsurgency: Joining the Fight. *Military Review* 2014:May-June;2-7. https://www.armyupress.army.mil/Portals/7/military-review/Archives/English/MilitaryReview_20140630_art013.pdf