

Curriculum Vitae

Steven A. Johnson, M.D., FACS

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Education:

1988-1992 BS Lafayette College (Biology)
1993-1997 MD Jefferson Medical College

Postgraduate Training and Fellowship Appointments:

1997-1998 Intern in General Surgery, Thomas Jefferson University Hospital, Philadelphia
1998-2002 Resident in General Surgery, Thomas Jefferson University Hospital, Philadelphia
2002-2003 Fellowship, Trauma and Surgical Critical Care, R. Adams Cowley Shock Trauma Center, University of Maryland, Baltimore

Faculty Appointments:

2003-2008 Instructor in Surgery, Department of Surgery, Christiana Care Health Systems
2008-present- Clinical Assistant Professor of Surgery, Jefferson Medical College, Thomas Jefferson University, Philadelphia

Hospital and Administrative Appointments:

2005-2011 Medical Student Clerkship Director
2005-2010 Associate Program Director, General Surgery Residency, Christiana Care Health Systems
2010-present- Associate Chief, Trauma and Acute Care Surgery, Christiana Care Health Systems
2011- Director- Multi-Specialty Surgery and Surgical Critical Care, Capital Health Systems, Hopewell Campus

Specialty Certification:

2003 Advanced Trauma Life Support Instructor
2003 Basic Life Support
2004 Fundamental Critical Care Support Course Instructor
2004 Advanced Burn Life Support
2004 American Board of Surgery, General Surgery
2005 American Board of Surgery, Surgical Critical Care
2005 Advanced Trauma Operative Management Instructor
2009 Advanced Cardiac Life Support (renewed and current)
2009 Pediatric Advanced Life Support (renewed and current)
2010 ASSET (Advanced Surgical Skills for Exposure in Trauma) Course Instructor

Awards, Honors and Membership in Honorary Societies:

1999 “On the Right Track”, Dupont Hospital for Children
2000 Outstanding Teaching Resident, Thomas Jefferson University Hospital
2001 Administrative Chief Surgical Resident, Thomas Jefferson University Hospital
2003 Aurelio Rodriguez, M.D. Outstanding Trauma Fellow and Teaching Award, University of Maryland
2003 Shock Trauma Hero Commendation, R. Adams Cowley Shock Trauma Center, University of Maryland
2005 Trauma Attending Surgeon of the Year, Christiana Hospital
2005-2007 Physician Ambassador for the Surgical ICU, Christiana Hospital
2008 Young Surgeon of the Year, DE Chapter, American College of Surgeons
2008 Leon A. Peris Memorial Faculty Teaching Award, Jefferson Medical College
2010 Trauma Attending Surgeon of the Year, Christiana Hospital
2010 Delaware Haitian Disaster Medical Relief Team Commendation, Rotary Club International and Senator Tom Carper, DE
2010 Outstanding Contribution Award, Philadelphia College of Osteopathic Medicine

Memberships in Professional and Scientific Societies:**National Societies:**

Kappa Alpha Psi Fraternity, Inc. (Member, 1990-present)
Society of Critical Care Medicine (Member, 2002-present)
Society of Black Academic Surgeons (Member 2002-present)
American College of Surgeons (Fellow, 2006-present)
Eastern Association for the Surgery of Trauma (Member, Committee on Careers in Trauma, 2006-2007)
Eastern Association for the Surgery of Trauma (Member, Task Force for Research Related Issues, 2007-present)
Association of Program Directors in Surgery (Member, 2008-present)

Local Societies:

Greater Wilmington Boys and Girls Club- Board of Directors (Member, 2005-2006)
Delaware Medical Relief Team (Member, NGO, 2010-present)
Visions for Haiti- Board of Directors (Member, 2010-present)

Academic Committees at Christiana Hospital:

2003-2005 Member, Emergency Preparedness Committee
2003- Member, Surgical Critical Care Committee
2003- Member, Surgical Education Committee
2003- Member, Surgical Research Committee
2004-2005 Member, Infection Control Committee
2005- Member, Trauma Performance Improvement Multidisciplinary Committee
2007- Member, Surgical Leader, Team Training Initiative Workgroup
2007-2010 Member, Patient Safety Committee
2008- **Chair**, Faculty Affairs Subcommittee, GMEC
2010- Member, Emergency Management Committee
2010- Member, Pediatrics Performance Improvement Committee

2010- Member, Pre-Hospital Provider Evaluation Committee
2010- Member, ED/Trauma Case Review Committee
2010- **Co-Chair**, Trauma Executive Performance Improvement Committee

Major Teaching and Clinical Responsibilities at Christiana and Wilmington Hospitals:

1. 2005-2010- Associate Program Director\ full time faculty member educating 26 general surgical residents at Christiana Hospital
2. 2005-present- Medical Student Education Director in charge of 40-50 medical students annually from TJUH/PCOM rotating on the surgical service at Christiana and Wilmington Hospital
4. Acute Care Surgery Attending Rounds/Service at Christiana/Wilmington Hospitals, throughout the year
5. Chief Surgical Service Clinic, Wilmington Hospital, throughout the year
6. Surgical and Neurologic Critical Care Rounds, throughout the year
7. Case Based Learning, 1.5-3 hrs. /week annually, Surgery clerkship students rotating at Christiana Hospital
8. Anatomy Lab Director and Instructor, held at University of Maryland School of Medicine, 6 times throughout the year (post grad levels 1-5)
9. Advanced Trauma Operative Management Instructor (ACS-verified), two to four times annually
10. Fundamentals of Critical Care Support Instructor, once per year
11. Advanced Trauma Life Support Instructor, 2-3 times per year
12. Moderator for Chief's Rounds, twice per year
13. Mentoring/ Shadowing Program, Trauma Service, throughout the year
14. Assigned faculty advisor for five surgical residents per year
15. Moderator for Morbidity and Mortality Conference, 2-5 times per year
16. Trauma Call, Department of Surgery, Christiana Hospital, throughout the year
17. Chief Surgical Service Endoscopy, Wilmington Hospital, throughout the year
18. Mock Oral Examinations, Department of Surgery, Christiana Care Health Services, three-four times a year
19. ACGME Internal Reviewer, Department of Surgery, Surgical Critical Care, 2005
20. ACGME Internal Reviewer, Department of Oromaxillofacial Surgery, 2007
21. Moderator, Trauma Conference, weekly

Lectures Presented by Invitation:

June, 2001 "CT Findings After Inguinal Herniorrhaphy with Polypropylene Mesh Systems"- International Congress of the European Hernia Society, Milan, Italy

January, 2004 "Trauma Surgery- Past, Present and Future"- Surgical Grand Rounds, Christiana Care Health Services, Newark, DE

September, 2006 "Management of the Open Abdomen"- Nursing Excellence Conference, University of Delaware, Newark, DE

July, 2007 "Team Training"- Multidisciplinary Grand Rounds, Christiana Care Health

Systems, Newark, DE

March, 2008 "Team Training Update"- Multidisciplinary Grand Rounds, Christiana Care Health Systems, Newark, DE

April, 2008 "Implementing Team Training in the Trauma Bay"- Delaware Trauma Symposium, Dover, DE

April, 2009 "Implementing Team Training in the Trauma Bay"- Patient Safety Conference, Baltimore, MD

April, 2009 "Professionalism for Residents and Medical Students"- Association of Surgical Education, Salt Lake City, UT

April, 2009 "What's New in Adult Trauma"- Multidisciplinary Grand Rounds, Nanticoke Memorial Hospital, Seaford, DE

June, 2009 "Christiana Care: The HRO Hospital Experience"- TeamSTEPPS Consortium, Omaha, NE

December, 2009 "Philadelphia's Annual Day of Trauma"- Moderator, Drexel University College of Medicine, Philadelphia, PA

March 2010 "From Haiti to Home: A Journey Unparalleled"- Surgical Grand Rounds, Christiana Care Health Systems, Newark, DE

March 2010 "NGOs, Haiti, and Disaster Relief Management"- Emergency Medicine Grand Rounds, Newark, DE

April 2010 "From Haiti to Home: A Journey Unparalleled"- Pathology Department Grand Rounds, Christiana Care Health Systems, Newark, DE

April 2010 "Haiti: 2010 Earthquake"- Delaware Trauma Symposium, Wilmington Riverfront Chase Center, Wilmington, DE

May 2010 "From Haiti to Home: A Journey Unparalleled"- Concepts in Respiratory Critical Care Conference, Christiana Care Health Systems, Newark, DE

May 2010 "Disaster Preparedness"- EMS Education Conference, Christiana Care Health Systems, Newark, DE

October 2010 "Haiti: Six Months Later"- 21st Century Visions Nursing Conference, Christiana Care Health Systems, Newark, DE

October 2010 "The Haitian Earthquake Experience and Disaster Management"- Surgical Grand Rounds, Thomas Jefferson University Hospital

Abstracts and Publications, peer reviewed:

1. Johnson, S., Giardino, E., Falotico, R., Barrett, J.A.: Comparative Assessment of Argatroban, Heparin, and Aspirin in a Canine Arteriovenous Shunt Thrombosis Model. *Thrombosis and Haemostasis* Volume 69, Page 453, 1993.
2. Gagliano, N., Passarello, B., Johnson, S., Fox, N., Resurreccion, D., Moore, C., Woods, P., Pirrung, J., Laskowski Jones, L. Implementation of a Team Training Program for Trauma Care: The BETTER (Bringing Enhanced Team Training to the Emergency Room) Initiative. *Annals of Emergency Medicine*, Volume 52, Issue 4, Page S107. Abstract presented ACEP National Meeting, Chicago, IL, 2008.
- 3 Giraldo J., Tinkoff, G., Johnson, S., Cipolle, M., Fulda, G.: Impact of Open vs. Complex Pelvic Fractures. Oral Presentation at the XXI Pan American Congress of Trauma, Campinas, Brazil, 2008.
4. Giraldo, J., Johnson, S., Fulda, G., Cipolle, M., Reed, J., Tinkoff, G.: Open Pelvic Fractures: The N.T.D.B. Experience. Oral Presentation at the XXI Pan American Congress of Trauma, Campinas, Brazil, 2008.
5. Fox, N., Johnson, S., Gagliano, N., Passarello, B., Moore, C., Resurreccion, D., Reed, and J.: Team training: a tool to improve resident teamwork and communication. *Journal of the American College of Surgeons*, manuscript pending. Abstract presented Surgical Forum, American College of Surgeons National Meeting. Chicago, IL, 2009.
6. Giraldo, J., Fox, N., Johnson, S., Cupola, M., Reed, J., Fulda, G.: Utility of Blood Volume Measurements in Resuscitation. Evaluation of Two Non-Invasive Methods. Poster presentation at the *AAST Annual Congress*, Pittsburgh, PA, 2009.
7. Paik, D., Larson, J., Johnson, S., Shweiki, E., Fulda, G.: Phlegmonous Gastritis and Group A Streptococcal Toxic-Shock Syndrome in a Patient Following Functional Endoscopic Sinus Surgery. *Surgical Infections*, Volume 11, Issue 6, Page 545-549, 2010.

Support – Extramural:

1. A Phase III, Double-Blind, Multicenter, Placebo Controlled Study of the Efficacy and Safety Evaluation of a Single Intravenous Dose of Dexanabinol in Patients Suffering from Severe Traumatic Brain Injury. Institutional Sub-investigator, 2003. Sponsor: Pharmos Corporation.
2. Phase II, Multicenter, Randomized, Controlled Trial Comparing the Safety and Effectiveness of Surfaxin (Lucinactant) Delivered via Bronchopulmonary Segmental Lavage to Standard of Care in Patients with Acute Respiratory Distress Syndrome (ARDS). Institutional Sub-investigator, 2003. Sponsor: Discovery Laboratories, Inc.
3. A Phase III, Randomized, Controlled, Open-Label, Multicenter, Parallel Group Study Using Provisions for Exception from Informed Consent Requirements Designed to

Evaluate the Safety and Efficacy of Poly SFH-P Injection (Polymerized Human Hemoglobin [Pyridoxylated], Polyheme) when Used to Treat Patients in Hemorrhagic Shock Following Traumatic Injuries Beginning in the Prehospital Setting. Institutional Sub-investigator, 2003. Sponsor: Northfield Laboratories, Inc. I

4. Impact of Aggressive Empiric Antibiotic Therapy on the Emergence of Antimicrobial Resistance During the Treatment of Ventilator-Associated Pneumonia. Institutional Sub-investigator, July 2003. Sponsor: Astra-Zeneca.

5. A Prospective, Randomized, Double-blind, Placebo Controlled, Dose Ranging, Multi-Center Study of the Safety and Efficacy of Three Days Continuous Intravenous Infusion of GR270773 in the Treatment of Suspected or Confirmed Gram-Negative Severe Sepsis in Adults. Institutional Sub-investigator, November 2004. Sponsor: GlaxoSmithKline.

7. DORI-07 A Multicenter, Double-Blind, Randomized, Phase 3 Study to Compare the Safety and Efficacy of Intravenous Doripenem with that of Meropenem in Complicated Intra-abdominal Infections. Institutional Sub-investigator, November 2004. Sponsor: PPD Development.

8. A Multicenter, Randomized, Open-Label, Phase 3 Study to Compare the Safety and Efficacy of Intravenous Doripenem with that of Intravenous Piperacillin/Tazobactam in Hospital-Acquired Pneumonia – Institutional Sub-investigator, 2004. Sponsor: Peninsula Pharmaceuticals.

9. A Multicenter, Randomized, Open-Label, Phase 3 Study to compare the Safety and Efficacy of Intravenous Doripenem with that of Intravenous Imipenem in Ventilator-Associated Pneumonia. Institutional Sub-investigator, 2004. Sponsor: Peninsula Pharmaceuticals.

10. A Multicenter, Observational Study to Evaluate the Incidence and Magnitude of Hemorrhagic Progression of Cerebral Contusions and Identify Important Safety Issues following Moderate and Severe Traumatic Brain Injury with Contusion. Institutional Sub-investigator, 2004. Sponsor: Novo Nordisk.

11. Randomized, Multi-Center, Comparative Trial of Short-Course Empiric Antibiotic Therapy versus Standard Antibiotic Therapy for Subjects with Pulmonary Infiltrates in the Intensive Care Unit (ICU). Sub-investigator, 2005. Sponsor: AstraZeneca

12. A Phase 3, Open-Label, Non comparative Study of Tigecycline for the Treatment of Subjects with Selected Serious Infections due to Resistant Gram-negative Organisms such as Enterobacter Species, Acinetobacter Baumannii, and Klebsiella Pneumoniae. Sub-investigator, 2005. Sponsor: Wyeth

13. A Phase 3, Multicenter, Double-Blind, Randomized (3:1) Study Evaluating Tigecycline and Linezolid for the Treatment of Selected Serious Infections in Subjects with Vancomycin-Resistant Enterococcus and Evaluating Tigecycline and Vancomycin for the Treatment of Selected Serious Infections in Subjects with Methicillin-Resistant Staphylococcus Aureus. Sub-investigator, 2005. Sponsor: Wyeth

14. A Phase 3, Multicenter, Randomized, Double-Blind, Comparative Study of the Efficacy and Safety of Tigecycline vs Imipenem/Cilastatin for the Treatment of Subjects with Nosocomial Pneumonia. Sub-investigator, 2005. Sponsor: Wyeth

15. A Controlled, Randomized, Single-Blind, Multi-Center Pivotal Clinical Study Using Angiotech CVC to Prevent Bacterial Colonization on Short-Term Central Venous Catheters. Sub-investigator, 2006. Sponsor: Angiotech Pharmaceuticals.
16. A Phase 4, Randomized, Double-Blind, Multi-Center, Comparator Study Evaluating the Safety and Efficacy of Dexmedetomidine Compared to IV Midazolam in ICU Subjects Requiring Greater than Twenty-Four Hours of Continuous Sedation. Institutional Sub-investigator, 2005. Sponsor: Hospira.
17. A Pivotal, Multicenter, Multinational, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of TAK 242 in Adults with Severe Sepsis. Institutional Sub-investigator, 2005. Sponsor: Takeda
18. A Multicenter, Open-Label, Randomized Comparative Study of Tigecycline vs. Ceftriaxone Sodium Plus Metronidazole for the Treatment of Hospitalized Subjects with Complicated Intra-abdominal Infection. Institutional Sub-investigator, 2006. Sponsor: Wyeth.
19. A Controlled Comparison of Eritoran Tetrasodium and Placebo in Patients with Severe Sepsis. Institutional Sub-investigator, 2006. Sponsor: Eisai.
20. Methodological Study in Adult Patients with Severe Sepsis to Assess the Feasibility and Logistics of Using Serological Samples to Assess and Characterize Selected Cytokine and Other Biomarker Assays. Institutional Sub-investigator, 2006. Sponsor: Astra Zeneca
21. An Open-Label, Exploratory Trial to Assess Gastric Acid Control in Critically Ill Subjects Receiving Nexium I.V. (esomeprazole sodium) 40mg BID for up to 72 hours. Institutional Sub-investigator, 2006. Astra Zeneca
22. A Phase III, Double Blind, Randomized Study to Evaluate Safety and Efficacy of BAL8557 Versus Voriconazole for Primary Treatment of Invasive Fungal Disease Caused by Aspergillus Species or Other Filamentous Fungi. Institutional Sub-investigator, 2007. Sponsor: Basilea Pharmaceutica
23. A Phase III, Double-Blind, Randomized Study to Evaluate the Safety and Efficacy of BAL8557 versus a Caspofungin Followed by Voriconazole Regimen in the treatment of Candidemia and Other Invasive Candida Infections. Institutional Sub-investigator, 2007. Sponsor: Basilea Pharmaceutica
24. A Placebo-Controlled, Double-Blind, Dose-Escalation Study to Assess the Safety, Tolerability, and Pharmacokinetics and Pharmacodynamics of Single and Multiple Intravenous Infusions of CytoFab™ (AZD9773) in Patients with Severe Sepsis. Institutional Sub-investigator, 2007. Sponsor: Astra Zeneca
25. Linezolid in the Treatment of Subjects with Nosocomial Pneumonia Proven to be due to Methicillin-Resistant Staphylococcus Aureus. Institutional Sub-investigator, 2007. Sponsor: Pfizer
26. An Open-Label, Randomized, Multicenter, Phase IIIB Study to Assess the Efficacy, Safety, and Tolerance of Beriplex® P/N Compared with Plasma for the Rapid Reversal of Coagulopathy Induced by Coumarin Derivatives in Subjects Requiring Emergency

Surgery or Invasive Intervention. Institutional Sub-investigator, 2008. Sponsor: CSL Behring

27. Central Venous Lines: Assessment of the Comfort Level for Emergency Medicine and Surgical Residents with the Landmark Approach versus an Ultrasound-Guided Approach. Institutional Sub-investigator, 2010. Sponsor: CCHS

28. An Interdepartmental IRB-Approved Study Comparing Arterial Blood Gases (ABGs) and Venous Blood Gases (VBGs) in the Undifferentiated Critically Ill Patient. Institutional Sub-investigator, 2010. Sponsor: CCHS

29. A Randomized, Double-Blind, Placebo-controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury. Institutional Sub-investigator. Sponsor: BHR Pharma, LLC

30. A Multicenter, Double-Blind, Randomized Phase II study to compare the safety and efficacy of intravenous CXA-101/ Tazobactam and Metronidazole with that of Meropenem in Complicated Intraabdominal Infections. Institutional Sub-investigator, 2010. Sponsor: Cubist