

CURRICULUM VITAE

Date of Revision: June 14, 2016
Name: Daniel G. Solomon, M.D.
Appointment: Assistant Professor
Term: August 1, 2016 – June 30, 2019
School: Yale University School of Medicine

Education:

M.D. New York University School of Medicine 2007
B.A. Vanderbilt University, Economics, *cum laude* 2003

Career/Academic Appointments:

July 2007-June 2008 Intern, General Surgery: Yale-New Haven Hospital, Department of Surgery
July 2008-June 2013 Resident, General Surgery: Yale-New Haven Hospital,
Department of Surgery
July 2013-June 2014 Educational Chief Resident, General Surgery: Yale-New Haven
Hospital, Department of Surgery
July 2014-July 2016 Fellowship Pediatric Surgery: University of Florida, Shands Hospital for
Children, Department of Pediatric Surgery
August 2016-present Assistant Professor, Department of Surgery, Pediatric Surgery, Yale
University School of Medicine, New Haven, CT

Administrative Positions:

N/A

Board Certification:

American Board of Surgery, Certificate #060306

Professional Honors & Recognition:

International/National/Regional

2012: Bridgeport Hospital Trauma Resident of the Year
2009: 2009: 1st Place, Resident Research Competition in Trauma, Connecticut Chapter of the
American College of Surgeons

University

2014: Yale Surgical Society Sam Harvey Award: Chief Resident of the Year
2014: Yale Surgery Outstanding Medical Student Teaching Award
2014: Yale Surgery Outstanding Resident Teaching Award
2013: Yale Surgery Outstanding Resident Teaching Award

Grant/Clinical Trials History:

Current Grants

N/A

Current Clinical Trials

N/A

Past Grants

2002	Arthritis Foundation	\$2,500	To establish a longitudinal computerized registry of psoriatic arthritis patients and track response to biologic therapy
2010	Charles W. Oshe Foundation	\$19,395	Determine the role of the biodegradable synthetic scaffold and developing extracellular matrix on determining the biomechanical properties of tissue engineered vascular grafts
2011	Charles W. Oshe Foundation	\$5,700	To establish normative abdominal pressure in neonates and determine if the development of necrotizing enterocolitis is associated with intrabdominal hypertension

Past Clinical Trials

N/A

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

International/National

Podium Presentations:

- 2012: 93rd Annual Meeting of the New England Surgical Society, Rockport, ME:
“Patterns of Recurrence after Transhiatal Esophagectomy for Esophageal Cancer: The Role of Mediastinal Lymphadenectomy in the Age of Neoadjuvant Therapy”
- 2011: SSAT Presidential Plenary Presentation at Digestive Disease Week, Chicago, IL:
“Female Sexual Function After Pure Transvaginal Appendectomy: A Cohort Study”
- 2010: 91st Annual Meeting of the New England Surgical Society, Saratoga Springs, NY: “An Evaluation of the Routine Use of Contrast Radiography as a Screening Test for Cervical Anastomotic Integrity Following Esophagectomy”
- 2010: 40th Annual Meeting of the Western Trauma Association, Telluride, CO:

“Role of ICP in IL 10 Production in an Experimental Model of Resuscitation in Hemorrhagic Shock and TBI”

Regional

2009 Connecticut Chapter of the American College of Surgeons, Waterbury, CT: “The Effect of Increasing Trauma Severity and Resuscitation on Hepatic and Pulmonary Expression of IL-4, IL-10 and IL-6”

Posters

2003 Askanase A, Rupel A, **Solomon D**, Buyon J. Recurrence rates for neonatal lupus: Data from the US national research registry for neonatal lupus. 67th Annual Scientific Meeting of the American College of Rheumatology, Orlando, FL

2007 **Solomon D**, Bell R, Duffy A, Roberts K. Single Port Cholecystectomy: Small Scar, Short Learning Curve. Single Port Cholecystectomy Learning Curve. Society of Advanced Gastrointestinal Endoscopic Surgeons World Clinical Congress, Washington, DC

2009 Roberts K, Silasi DA, **Solomon D**, Erceg S, Duffy A, Bell R, Rutherford T, Jamidar P, Longo W. Transvaginal Appendectomy. Digestive Disease Week 2009, Chicago, IL

2009 Freilich D, McCarron R, Auker C, Scultetus A, Nigam S, Arnaud F, **Solomon D**. A Multifunctional Blood Substitute for Field Resuscitation of Polytrauma Combat Casualties with Brain Injury and concomitant Hemorrhagic Shock. The Military Health Research Forum, Kansas City, MO

2010 Kim B, **Solomon D**, Arnaud F, Auker C, McCarron R, Freilich D, Scultetus A. Recombinant Factor VIIa (rFVIIa) increases anti-inflammatory response in cerebrospinal fluid after traumatic brain injury (TBI) in swine. 8th World Congress on Traumatic Brain Injury, Washington, DC

2010 Scultetus A, Arnaud F, Haque A, Kim B, **Solomon D**, Moon-Massat P, Auker C, McCarron R, Freilich D. Attenuation of Vasoactivity Associated with Hemoglobin Based Oxygen Carrier HBOC-201 Compromises Survival In TBI and Hemorrhagic Shock in Swine. The National Neurotrauma Symposium, Las Vegas, NV

2012 **Solomon D**, McKee M. Routine Intraoperative Cholangiography is Useful in Identifying Choledocholithiasis. The International Pediatric Endosurgery Group Meeting, San Diego, CA

2012 Naito Y, **Solomon D**, Breuer C. Quantification of Histological and Biomechanical Properties of Tissue Engineered Vascular Graft in Inferior Vena Cava. Atherosclerosis, Thrombosis and Vascular Biology, Chicago, IL

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:

International/National

N/A

Regional

N/A

Professional Service

N/A

Peer Review Groups/Grant Study Sections:

N/A

Advisory Boards:

N/A

Journal Service:

N/A

Peer Review Groups/Grant Study Sections:

N/A

Journal Service:

Editor/Associate Editor

N/A

Reviewer

N/A

Professional Service for Professional Organizations:

N/A

Yale University Service:

University Committees

N/A

Medical School Committees

N/A

Departmental Committees

N/A

Hospital Boards & Committees

N/A

Public Service:

N/A

Bibliography:

Peer-Reviewed Original Research

1. **Solomon DG**, Rupel A, Buyon JP. Birth order, gender and recurrence rate in autoantibody-associated congenital heart block: implications for pathogenesis and family counseling. *Lupus* 2003, 12(8):646-647.
2. Roberts KE, **Solomon D**, Duffy AJ, Bell RL. Single-incision laparoscopic cholecystectomy: a surgeon's initial experience with 56 consecutive cases and a review of the literature. *Journal of Gastrointestinal Surgery* 2010, 14(3):506-510.
3. **Solomon D**, Bell RL, Duffy AJ, Roberts KE. Single-port cholecystectomy: small scar, short learning curve. *Surgical Endoscopy* 2010, 24(12):2954-2957.
4. **Solomon D**, Kim B, Scultetus A, Arnaud F, Auker C, Freilich D, McCarron R. The effect of rFVIIa on pro- and anti-inflammatory cytokines in serum and cerebrospinal fluid in a swine model of traumatic brain injury. *Cytokine* 2011, 54(1):20-23.
5. Naito Y, Shinoka T, Duncan D, Hibino N, **Solomon D**, Cleary M, Rathore A, Fein C, Church S, Breuer C. Vascular tissue engineering: towards the next generation vascular grafts. *Advance Drug Delivery Reviews* 2011, 63(4-5):312-323.
6. **Solomon D**, Lentz R, Duffy AJ, Bell RL, Roberts KE. Female sexual function after pure transvaginal appendectomy: a cohort study. *Journal of Gastrointestinal Surgery* 2012, 16(1):183-186; discussion 186-187.
7. Roberts KE, **Solomon D**, Mirensky T, Silasi DA, Duffy AJ, Rutherford T, Longo WE, Bell RL. Pure transvaginal appendectomy versus traditional laparoscopic appendectomy for acute appendicitis: a prospective cohort study. *Annals of Surgery* 2012, 255(2):266-269.
8. Starker LF, **Solomon D**, Possenti P, Albrekston J, Atweh N. Long-term clinical and radiographic follow-up following ligation of the suprarenal vena cava. *Injury Extra* 2012, 43:31-33.
9. **Solomon DG**, Sasaki CT, Salem RR. An evaluation of the routine use of contrast radiography as a screening test for cervical anastomotic integrity after esophagectomy. *American Journal of Surgery* 2012, 203(4):467-471.
10. Orlando G, Wood KJ, De Coppi P, Baptista PM, Binder KW, Bitar KN, Breuer C, Burnett L, Christ G, Farney A, Figliuzzi M, Holmes JH 4th, Koch K, Macchiarini P, Mirmalek Sani SH, Opara E, Remuzzi A, Rogers J, Saul JM, Seliktar D, Shapira-Schweitzer K, Smith T, **Solomon D**, Van Dyke M, Yoo JJ, Zhang Y, Atala A, Stratta RJ, Soker S.

Regenerative medicine as applied to general surgery. *Annals of Surgery* 2012, 255(5): 867-880.

11. Rathore A, **Solomon DG**, Simpson BJ, Massaro SA, Chhieng D, Diefenbach KA. Novel report of an adrenal adenoma in a newborn. *Journal of Pediatric Surgery* 2012, 47(7): 1436-1439.
12. **Solomon D**, Shariff AH, Silasi DA, Duffy AJ, Bell RL, Roberts KE. Transvaginal cholecystectomy versus single-incision laparoscopic cholecystectomy versus four-port laparoscopic cholecystectomy: a prospective cohort study. *Surgical Endoscopy* 2012, 26(10):2823-2827.
13. Arnaud F, Okada T, **Solomon D**, Haque A, Carroll EE, Sagini E, McCarron R. Initial evaluation of a nano-engineered hemostatic agent in a severe vascular and organ hemorrhage swine model. *Journal of Trauma and Acute Care Surgery* 2012, 73(5): 1180-1187.
14. Breuer C, Tuggle C, **Solomon D**, Sosa JA. Pediatric thyroid disease: when is surgery necessary, and who should be operating on our children? *Journal of Clinical Research in Pediatric Endocrinology* 2013, 5 Suppl 1:79-85.
15. Breuer CK, **Solomon D**, Donovan P, Rivkees SA, Udelsman R. Effect of patient Age on surgical outcomes for Graves' disease: a case-control study of 100 consecutive patients at a high volume thyroid surgical center. *International Journal of Pediatric Endocrinology* 2013, 25;2013(1):1.
16. Wood SG, **Solomon D**, Panait L, Bell RL, Duffy AJ, Roberts KE. Transvaginal cholecystectomy: effect on quality of life and female sexual function. *Journal of the American Medical Association* 2013, 148(5):435-438.
17. Leinwand JC, Arroyo JP, **Solomon D**, Kaplan LJ. Babesia microti infection presenting as acute splenic laceration. *Surgical Infections (Larchmt)* 2013, 14(4):412-414.
18. Roberts K, **Solomon D**, Bell R, Duffy A. "Triangle of safety": anatomic considerations in transvaginal natural orifice surgery. *Surgical Endoscopy* 2013, 27(8):2963-2965.
19. Fieber JH, Atladóttir J, **Solomon DG**, Maerz LL, Reddy V, Mitchell-Richards K, Longo WE. Disseminated enteroinvasive aspergillosis in a critically ill patient without severe immunocompromise. *Journal of Surgical Case Reports* 2013, (11).
20. Naito Y, Lee YU, Yi T, Church SN, **Solomon D**, Humphrey JD, Shin'oka T, Breuer CK. Beyond burst pressure: initial evaluation of the natural history of the biaxial

mechanical properties of tissue-engineered vascular grafts in the venous circulation using a murine model. *Tissue Engineering Part A* 2014, 20(1-2):346-355.

21. Kurobe H, Maxfield MW, Naito Y, Cleary M, Stacy MR, **Solomon D**, Rocco KA, Tara S, Lee AY, Sinusas AJ, Snyder EL, Shinoka T, Breuer CK. Comparison of a Closed System to a Standard Open Technique for Preparing Tissue-Engineered Vascular Grafts. *Tissue Engineering Part C Methods* 2014, 21(1):88-93.

Chapters, Books, and Reviews

N/A

Peer-Reviewed Educational Materials

N/A

Invited Editorials and Commentaries

N/A

Practice Guidelines, Standards and Consensus Statements

N/A

Case Reports, Technical Notes, Letters

N/A

Scholarship In Press

N/A