

CURRICULUM VITAE

October 2018

NAME: Evan Graham Pivalizza, MBChB, FFASA

PRESENT TITLE: Professor, Department of Anesthesiology
University of Texas Health Science Center

ADDRESS: 6431 Fannin, MSB 5.020, Houston, Texas, 77030

CITIZENSHIP: United States (2002)

GRADUATE EDUCATION:

1985 MBChB, University of Cape Town, South Africa

POSTGRADUATE TRAINING:

1986 Internship (Medicine, Surgery, Obstetrics and Gynaecology)
Groote Schuur Hospital, Cape Town, South Africa1989-1992 Registrar in Anesthesiology
University of Natal and University of Cape Town, South Africa

1992 F.F.A. (S.A.)

ACADEMIC APPOINTMENTS:

1993 Visiting Assistant Professor, Department of Anesthesiology
University of Texas Health Science Center, Houston, Texas1994-1998 Assistant Professor, Department of Anesthesiology
University of Texas Health Science Center, Houston, Texas1998-2005 Associate Professor, Department of Anesthesiology
The University of Texas Health Science Center, Houston, Texas2005-Present Professor, Department of Anesthesiology
The University of Texas Health Science Center, Houston, Texas

DEPARTMENTAL APPOINTMENTS:

- 1996-Present Resident Clinical Competency Committee Member, Chair (2009)
Dept. Anesthesiology, University Texas Health Science Center,
Houston
- 1996-Present Resident Education Committee Member, Chari (2009)
Dept. Anesthesiology, University Texas Health Science Center,
Houston
- 1997-1998 *Director, Undergraduate Medical Education*
Dept. Anesthesiology, University Texas Health Science Center,
Houston
- 1997-2000 *Chairman, Charge Capture Committee*
Dept. Anesthesiology, University Texas Health Science Center,
Houston
- 2000-Present Residency Recruitment Committee member
Dept. Anesthesiology, University Texas Health Science Center,
Houston
- 1998-Present *Director, Liver Transplantation Anesthesia, Department of*
Anesthesiology, University of Texas Health Science Center,
Houston, Texas
- 1998-1999 *Director, Cardiac Anesthesia, Department of Anesthesiology*
University of Texas Health Science Center, Houston, Texas
- 2000-Present Compliance Committee member
Dept. Anesthesiology, University Texas Health Science Center,
Houston
- 2002-2008 Assistant Residency Director and Director of Resident
Education,
Dept. Anesthesiology, University of Texas Health Science Center,
Houston
- 2008-Present Faculty Development Committee, Department of Anesthesiology
University of Texas Health Science Center, Houston
- 2008-2018 Vice Chair of Academic Affairs
Dept. Anesthesiology, University of Texas Health Science Center,
Houston
- 2009-Present Faculty Promotions and Tenure Committee member

2009-2018 Dept. Anesthesiology, University of Texas Health Science Center, Houston
 Chair, Peer Review Committee
 Dept. Anesthesiology, University of Texas Medical School, Houston

HOSPITAL APPOINTMENTS:

1989 Registrar, Department of Anesthesia
 University of Natal, Durban, South Africa

1990-1992 Registrar, Department of Anesthesia
 University of Cape Town, Cape Town, South Africa

1993-Present Staff Anesthesiologist in Cardiothoracic, Liver Transplantation and
 General Anesthesia, Hermann Hospital, Houston, Texas

1994-1995 *Medical Director, Day Surgery Unit*
 Hermann Hospital, Houston, Texas

1998-Present *Assistant Medical Director, Operating Room*
 Hermann Hospital, Houston, Texas

2000-2001 Member, *Operating Room Committee*
 Memorial Hermann Hospital, Houston, Texas

2001-2003 Cardiovascular Staff Anesthesiologist
 Texas Heart Institute/ St. Luke's Episcopal Hospital, Houston, Texas

2001-2004 Member, *Transfusion Committee*
 Texas Heart Institute/ St. Luke's Episcopal Hospital, Houston, Texas

2006-Present Member, *Transfusion Committee*
 Memorial Hermann Hospital, Houston, Texas

2007-Present Member, *Trauma Service Line*
 Memorial Hermann Hospital, Houston, Texas

2007-Present Member, *Trauma Multi-disciplinary Review Committee*
 Memorial Hermann Hospital, Houston, Texas

2008-Present Member, *Transplant Service Line*
 Memorial Hermann Hospital, Houston, Texas

2009-Present Member, *Transplant Clinical Operations Committee*
 Memorial Hermann Hospital, Houston, Texas

2009-Present *Member, Pharmacy and Therapeutics Committee*
 Memorial Hermann Hospital, Houston, Texas

2011-Present *Member, Patient Blood Management Committee,* Memorial
 Hermann Hospital, Houston

LICENSURE:

1992 *Specialist Anesthesiologist, South Africa Medical and Dental Council*

1995-Present Iowa - 30494

1997-Present Texas - K3826

CERTIFICATION:

Fellow, Faculty of Anesthesiologists, College Medicine, South Africa

American Board of Anesthesiology

2008 *Certificate of Business Administration, American Society of*
Anesthesiologists

EXAMINER:

2006-2008 *Provisional Examiner, American Board of Anesthesiology*

2008-2016 *Associate Examiner, American Board of Anesthesiology*

2016 - 2020 *Senior Examiner, American Board of Anesthesiology*

SOCIETY MEMBERSHIPS:

American Society of Anesthesiologists
 International Anesthesia Research Society
 International Liver Transplantation Society
 Society of Cardiovascular Anesthesiologists
 Texas Society of Anesthesiologists
 Society for Education in Anesthesia
 Texas Medical Association
 Texas Transplantation Society

SOCIETY APPOINTMENTS:

1998-2001 *Alternate Delegate, District 7, Texas Society of*
Anesthesiologists

2002-2003	Delegate, District 7, Texas Society Anesthesiologists
2003-2014	Director, District 7, Texas Society of Anesthesiologists (TSA)
2006	Regional Spokesperson Training (American Society of Anesthesiologists [ASA])
2007	Chair, Reference Committee, TSA Annual Meeting, Bastrop, TX
2007-2008	Alternate Delegate, Harris County Medical Society (HCMS) for Texas Medical Association (TMA)
2007-2012	Alternate Delegate, TSA representative to TMA Inter-specialty Committee
2008-2014	Alternate Delegate, TSA representative to the ASA
2014-2021	Delegate, TSA representative to the ASA
2008-2020	Delegate, HCMS for TMA
2008	Vice Chair, HCMS Reference Committee Review Team on Science & Education for TMA annual meeting
2008	Chair, TSA Reference Committee for Scientific Affairs at ASA annual meeting
2009	Chair, HCMS Reference Committee Review Team on Science & Education for TMA annual meeting
2009-2014	Treasurer, TSA, Political Action Committee
2011	Interim Meeting Chair, TSA
2011	Member, Public Health Reference Committee, TMA Annual Meeting
2012	Member, Board of Medical Legislation, HCMS
2013-2015	Delegate, TSA representative to TMA Inter-specialty Committee
2014-2015	Assistant Treasurer, TSA
2015 - 2017	Treasurer, TSA

2016 - present	HCMS representative to Gulf Coast Regional Blood Center (GCRBC) Board of Trustees
2018	Secretary, GCRBC Board of Trustees
2016 - present	ASA representative to Society for Advancement of Blood Management
2017-2019	Member, Board of Ethics, HCMS
2018	President-Elect, TSA

SOCIETY COMMITTEES:

County:

2013 - present	Membership Committee, Harris County Medical Society (HCMS)
2016 - present	Medical Advisory Committee, Gulf Coast Regional Blood Center

State:

1997-2002 (TSA)	Credentials Committee, Texas Society Anesthesiologists
2004-2014	Membership Committee, TSA
2005	Member, Reference Committee, TSA House of Delegates
2005-06, 2009-present	Education Committee, TSA
2008-present	Member, TSA-PAC Board, TSA Political Action Committee
2009-present	Member, Peer Review Committee, TSA
2003-2009	Committee Blood and Tissue Usage, TMA
2009-2015	Consultant, Committee Blood and Tissue Usage, TMA
2011-2012, 2016-present	Chair, Peer Review Committee, TSA
2011-present	Chair, TSA Education Sub-Committee on Research
2010-present	TSA Ad-Hoc Committee on Texas Medical Association (TMA) representation

2010-2012	Program Committee, Texas Transplantation Society (TTS)
2013	Nominations Committee, TTS
2013-2016	Executive committee, TTS
2014 – present	Member, Advisory Board, Governmental Affairs Committee, TSA
2015- 2018	Member, TSA Financial Advisory Committee
2016-present	Member, TSA Meetings Committee
2016-present	Member, TSA Liaisons for Legal and Legislative Services Committee
2015 - 2019	Committee on Physician Distribution and Health Care Access (TMA)
2018 – present	Member, TSA Administrative Affairs Committee
2018-present	Member, TSA Betty P. Stephenson Circle of Friends Committee
2018 – present	Member, TSA Liaisons for Legal and Legislative Services Committee
2018 - present	Member, TSA Patient Safety and Medical Quality Committee
2018 - present	Member, TSA Nominating Committee
2018 – present	Member, TSA Governmental Affairs Committee

National:

2001-2007	Membership Committee, Society Cardiovascular Anesthesiologists
2005-2011	Committee on ACGME Competencies, Society for Education in Anesthesia
2005-2007	Membership Committee, American Society Anesthesiologists (ASA)
2008-present	Blood Management Committee, ASA
2011-present, Chair 2018	Transplant Anesthesia Committee, ASA
2015 – present	Abstract Review Subcommittee on Clinical Circulation, ASA

UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER COMMITTEES:

- 1996-1998, 2002-2007 Faculty Senate Member
University of Texas Health Science Center, Houston, Texas
- 2008-2014 Member, Review Committee 3 for the Protection of Human
Subjects,
University of Texas Health Science Center, Houston, Texas
- 2016-2020 Member, Faculty Appointments, Promotions, and Tenure
Committee

HONORS AND AWARDS:

Dean's Excellence Award, University of Texas Health Science Center, Houston, Texas:

1993, 1994, 1995, 1996, 1997, 1999, 2000, 2001, 2002, 2005, 2006, 2007, 2008, 2009, 2010

Outstanding Clinical Instructor (By Dept Anesthesiology Residents)

University of Texas Health Science Center – Houston:

1994, 1996, 1997, 1998, 1999, 2001, 2002, 2003, 2004, 2005, 2007, 2008

Nominee, Physician of the Year, Hermann Hospital, Houston, Texas: 1999, 2002

2009: Annual Faculty Teaching Award renamed in honor of Evan G Pivalizza

2009: University of Texas Medical School – Houston, Academy of Master Educators,
Initial Member

2013: University of Texas Kenneth I Shine Academy of Health Science Education Member

2015: Regents Outstanding Teaching Award (ROTA) – University of Texas System

MANUSCRIPT REVIEWER:

2016 - present Associate Editor, *Anesthesia and Analgesia*

2010-present Editorial Board Member, *Transplantation Proceedings*

2009, 2012 Guest Editor, *Anesthesia and Analgesia*

2013 Guest Editor, Society Cardiovascular Anesthesia, *Anesthesia and Analgesia*

1997 *Anesthesiology 2, Journal of Clinical Anesthesia 1*

1999 *Journal of Clinical Anesthesia 2, Anesthesiology 2*

2000 *Journal of Clinical Anesthesia 1, Anesthesiology 1*

2001 *Journal of Clinical Anesthesia 2, Anesthesiology 1*

2002 *Journal of Clinical Anesthesia 1, Thrombosis and Haemostasis 1, Transplantation 1*

2003 *Journal of Clinical Anesthesia 1, Anesthesiology 1, Haematologica 1*

2004 *Journal of Clinical Anesthesia 2, Transplantation Proceedings 3 Anesthesiology 1*

2005 *Transplantation Proceedings 2 3, Journal of Clinical Anesthesia*

2006 *Journal of Clinical Physiology and Functional Imaging 1, Journal of Clinical Anesthesia 2, Anesthesia and Analgesia 3, Transplantation Proceedings 3, Anesthesiology 1*

2007 *Anesthesia and Analgesia 9, Transplantation Proceedings 3, Journal of Clinical Anesthesia 2*

2008 *Anesthesia and Analgesia 13, Transplantation Proceedings 8*

2009 *Anesthesia and Analgesia 10, Transplantation Proceedings 10, Journal of Clinical Anesthesia 1*

2010 *Transplantation Proceedings 11, Anesthesia and Analgesia 11, Journal of Clinical Anesthesia 1*

2011 *Transplantation Proceedings 16, Anesthesia and Analgesia 13, Liver Transplantation 1, Journal of Clinical Anesthesia 2*

2012 *Transplantation Proceedings 10, Anesthesia and Analgesia 8, Journal of Clinical Anesthesia 1, Expert Review of Hematology 1*

2013 *Transplantation Proceedings 6, Anesthesia and Analgesia 9, Journal of Clinical Anesthesia 2, Transfusion 3, British Journal of Anaesthesia 3, Anesthesiology 1, Minerva Anestesiologica 1*

2014 *Transplantation Proceedings 12, Minerva Anestesiologica 11, Journal of Clinical Anesthesia 2, Anesthesia and Analgesia 4, Anesthesiology 2*

- 2015 *Transplantation Proceedings* 18, *Anesthesia and Analgesia* 4, *Minerva Anesthesiologica* 3, *Anesthesia and Analgesia Case Reports* 1
- 2016 *Transplantation Proceedings* 7, *Anesthesia and Analgesia* 16, *British Journal of Anaesthesia* 1, *Minerva Anesthesiologica* 1
- 2017 *Anesthesia and Analgesia* 10, *Transplantation Proceedings* 12, *Transfusion* 2, *Minerva Anesthesiologica* 11espn, *British Journal of Anaesthesia* 2
- 2018 *Anesthesia and Analgesia* 15, *Anesthesiology* 1, *Transfusion* 3, *Minerva Anesthesiologica* 2, *Transplantation Proceedings* 5, *BMC Anesthesiology, BUMC Proceedings* 1

POSTER SESSION MODERATOR (ASA Annual Meeting)

- 2016 Clinical Circulation (2)
- 2017 Clinical Circulation
- 2018 Clinical Circulation

QUESTION WRITER:

- 2003 CME quiz (manuscript review with questions) – Hirudin, the ACT, HIT, and Cardiac surgery, Society of Cardiovascular Anesthesiologists

GRANTS and RESEARCH:

- 1994-1995 Site Sub-Investigator; Multicenter observational study of adverse events in coronary bypass patients treated with protamine sulfate. University Hospital Consortium. P.I: D Abramson
- 1995-1996 Site Sub-Investigator: Platelet Sequestration utilizing the Cobe BRAT II Autologous Cell Salvage unit in open-heart surgery. Cobe Laboratories, Inc. P.I: D Abramson
- 1997-2000 Site Principal Investigator: EPI 2 Study. Conducted by Ischemia Research and Education Foundation (IREF). (\$ 17,500)
- 1997 Site Sub-Investigator: Knee Surgery: A phase III, multicenter, double blind, randomized, placebo-controlled study evaluating the safety and efficacy of dexmedetomidine when used as an anesthetic adjunct. Abbott Laboratories. P.I: J Chelly.

- 1997-1998 Site Sub-Investigator: Use of diaspirin cross-linked hemoglobin for the avoidance or reduction of perioperative blood transfusions. Baxter Healthcare Corp. P.I: J Chelly
- 1998-2000 Site Sub-Investigator: Phase II and III studies: The safety and effects of Hemolink (O-Raffinose crosslinked human hemoglobin) in patients undergoing CABG surgery. Hemosol Inc. P.I: J Chelly
- 1998-2000 Site Sub-Investigator: Genomic Polymorphism and perioperative ischemia in patients undergoing CPB surgery (IREF). P.I: A Hoeft
- 1998 Site Principal Investigator: A phase II study to evaluate the efficacy and safety of intravenous and cardioplegia administration of RSR13 in moderate to high risk patients undergoing cardiopulmonary bypass for coronary artery bypass graft surgery. (IREF) (\$ 14,809).
- 1999-2000 Site Sub-Investigator: Impact of preoperative myocardial cell injury on outcome in coronary artery bypass graft surgery (IREF). P.I: H Metzler
- 1999-2000 Site Principal Investigator: Clinical protocol for evaluation of the safety and efficacy of parecoxib followed by valdecoxib in patients who have CABG via median sternotomy. (IREF and G.D. Searle Co.) (\$ 65,550).
- 2000 Co-Investigator: Percutaneous closure of intracardiac defects utilizing the CardioSeal device: A longitudinal outcomes study. P.I.: R. Smalling
- 2000 Co-Investigator: Closure of patent foramen ovale with the Amplatzer PFO Occluder. P.I.: R Smalling
- 2002 Site PI: COUPE Registry (Fenoldopam in perioperative high-risk patients) (Ovation, \$ 2,500)
- 2002 Site PI: Safety and efficacy of combined parecoxib/valdecoxib treatment compared to placebo in patients who have coronary artery bypass graft via median sternotomy. Pharmacia (\$ 1,557.70)
- 2004 Site PI: Multicenter, randomized, double-blind, placebo-controlled study of 2 mg/kg bolus plus 24-hour 0.05 mg/kg/hr infusion of Pexelizumab in patients undergoing CABG with CPB (PRIMO-CABG II). Alexion/P and G (\$3,210)

2016

Site PI: CompuFlo^R Assessment Study (COMPASS): A randomized, controlled, parallel group, multicenter, pivotal study to assess safety and effectiveness of epidural space verification with the CompuFlo^R Epidural Computer Controlled System. Clinical Regulatory Quality Management Solutions (\$ 200,000)

ABSTRACTS:

1. Pivalizza EG, Mets B: ACT in Cardiac Surgery: Does the site or time of sampling make a difference? Poster Presentation, South African Society of Anesthesiologist's Annual Meeting, Johannesburg, March 1992.
2. Pivalizza EG, Abramson DC, Gottschalk LI: Heparin content of cell saved blood. Poster Presentation, Society of Cardiovascular Anesthesiologists, Philadelphia, May 1995 and University of Texas Research Day, Houston, October 1995. *Anesthesia and Analgesia* 80: SCA 118, 1995.
3. Pivalizza EG, Abramson DC, Harvey AJ, King FS: Thromboelastography in patients with chronic renal failure. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Atlanta, October 1995. *Anesthesiology* 83: A 90, 1995.
4. Pivalizza EG, Abramson DC, Harvey AJ, King FS: Sonoclot analysis in patients with chronic renal failure. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Atlanta, October 1995. *Anesthesiology* 83: A 89, 1995.
5. Pivalizza EG, Pivalizza PJ: Perioperative thromboelastography in the pediatric population. Oral Presentation, Society for Pediatric Anesthesia Annual Meeting, Tampa, February 1996, and Poster Presentation, University of Texas Research Day, Houston, October 1996.
6. Pivalizza EG, Weavind L, Pivalizza PJ, King F: Thromboelastography in morbidly obese patients. Poster Presentation, American Society of Anesthesiologists Annual Meeting, New Orleans, October 1996. *Anesthesiology* 85: A 135, 1996.

7. Davidson EM, Elias M, **Pivalizza EG**, Abramson DA: Does lidocaine infusion in humans affect coagulation? Poster Presentation, Acute Pain Society Annual Meeting 1997 and Poster Presentation, University of Texas Research Day, Houston, October 1996.
8. Pivalizza EG, Pivalizza PJ: Comparison of Sonoclot and Hemachron ACT's during cardiac surgery. Poster presentation, International Anesthesia Research Society (IARS) Annual Meeting, San Francisco, March 1997. *Anesthesia and Analgesia* 83: S 118, 1997.
9. Pivalizza EG, Koch SM, King F: Thromboelastography during hyperthermia. Poster presentation, IARS Annual Meeting, San Francisco, March 1997. *Anesthesia and Analgesia* 83: S261, 1997.
10. Pivalizza EG, Abramson DA, King F: Thromboelastography with heparinase during orthotopic liver transplantation. Poster discussion, IARS Annual Meeting, San Francisco, March 1997 *Anesthesia and Analgesia* 83: S 260, 1997.
11. Abramson DC, Davidson EM, Elias M, **Pivalizza EG**: Lidocaine infusion test in humans is associated with frequent side effects. Poster discussion, IARS Annual Meeting, San Francisco, March 1997. *Anesthesia and Analgesia* 83: S 289, 1997.
12. Davidson E, Abramson DC, **Pivalizza EG**, Elias M: Lidocaine infusion test does not change mechanical and electrical sensory threshold in healthy volunteers. Poster presentation, American Society of Regional Anesthesia Annual Meeting, Atlanta, 1997. *Regional Anesthesia* 22: 46S, 1997.
13. Pivalizza EG, Abramson DC. Heparinase-celite thromboelastography in orthotopic liver transplantation. Poster presentation, American Society of Anesthesiologist's Annual Meeting, San Diego, October 1997. *Anesthesiology* 87: A 74; 1997, and Poster presentation, University of Texas- Houston research day, October 1997.
14. Pivalizza EG, Pivalizza PJ. Perioperative Sonoclot analysis in pediatric patients. Poster presentation, American Society of Anesthesiologist's Annual Meeting, San Diego, October 1997. *Anesthesiology* 87: A 1037; 1997, and Poster presentation, University of Texas-Houston research day, October 1997.
15. Pivalizza EG, Koch SM, King FS, Jr. Sonoclot analysis during intentional hyperthermia. International Anesthesia Research Society Annual Meeting, Orlando, March 1998. *Anesthesia and Analgesia* 86: S223; 1998, and Poster presentation, University of Texas-Houston research day, October 1998.
16. Weavind LM, Nates JL, **Pivalizza E**, Doursout MF, Chelly JE. Thrombelastogram in coagulation abnormalities after gas embolism. American Society of Anesthesiologists Annual Meeting, Orlando, October 1998. *Anesthesiology* 89: A963, 1998.
17. Pivalizza EG, Pivalizza PJ, Campos CJ. Thrombelastography in healthy pediatric patients. American Society of Anesthesiologists Annual Meeting, Orlando, October 1998. *Anesthesiology* 89: A1280, 1998.

18. Nates JL, Weavind LM, Doursout M-F, **Pivalizza E**, Chelly JE. Effects of mexiletine on coagulation abnormalities after gas embolism. American Society of Anesthesiologists Annual Meeting, Dallas, October 1999. *Anesthesiology* 91: A 262, 1999.
19. Pivalizza EG. Effects of desmopressin on coagulation before liver transplantation (Poster-Discussion). American Society of Anesthesiologists Annual Meeting, Dallas, October 1999. *Anesthesiology* 91: A 82, 1999.
20. Pivalizza EG, Harvey BD, Gottschalk LI, Hartwell EA. Blood product use in patients receiving clopidogrel before CABG surgery. Society of Cardiovascular Anesthesiologists Annual Meeting, Orlando, May 2000. *Anesthesia and Analgesia* 90:SCA14, 2000 and University of Texas- Houston Research day, October 2000.
21. Pivalizza EG. Effect of in vivo hemodilution on viscoelastic measures of coagulation. American Society of Anesthesiologists Annual Meeting, San Francisco, October 2000. *Anesthesiology* A 197: 93; 2000, and University of Texas- Houston Research day, October 2000.
22. Pivalizza EG, Warters RD. Kaolin versus Celite Activated Thrombelastography in patients receiving aprotinin. Society of Cardiovascular Anesthesiologists Annual Meeting, Vancouver, BC. May 2001. *Anesthesia and Analgesia* SCA 56: 92; 2001.
23. Szmuk P, Ezri T, Warters RD, Gebhard R, **Pivalizza EG**. Changes in onset time of rocuronium are related to changes in cardiac output produced by ephedrine and esmolol. American Society of Anesthesiologists Annual Meeting, New Orleans, October 2001. *Anesthesiology* A 993: 2001.
24. Pivalizza EG, Szmuk P, King FS, Germany JE. Thrombelastography during Hypothermia. International Anesthesia Research Society Annual Meeting, San Diego, March 2002. *Anesthesia and Analgesia* S-171: 94; 2002.
25. Pivalizza EG, Al-Samsam TH, Govindaraj R, Wollen MH, Carrel PT. Thrombelastography after major orthopedic surgery with general \pm regional anesthesia. International Anesthesia Research Society Annual Meeting, San Diego, March 2002. *Anesthesia and Analgesia* S-347: 94; 2002.
26. Gebhard R, **Pivalizza EG**, Warters RD, Szmuk P. Acute pain after discharge from ambulatory surgery. American Society of Regional Anesthesia Annual Meeting, Chicago, April 2002.
27. Gebhard R, **Pivalizza EG**, Warters D, Szmuk P. Acute pain after discharge from ambulatory surgery. American Society of Anesthesiologists Annual Meeting, Orlando, October 2002. *Anesthesiology* A-25: 97; 2002.

28. Pivalizza EG, Wenzel MP, King FS. Perioperative Changes in the Thrombelastograph in Neurosurgical Patients. American Society of Anesthesiologists Annual Meeting, Orlando, October 2002. *Anesthesiology* A –151: 97; 2002.
29. Pivalizza EG, Wenzel MP, King FS. Sonoclot analysis in neurosurgical patients. International Anesthesia Research Society Annual Meeting, New Orleans, March 2003. *Anesthesia and Analgesia* S 173; 96: 2003.
30. Gebhard RE, **Pivalizza EG**, Cerny JL, Melnikov V, Warters RD. Accuracy of Certofix^R central venous catheter placement utilizing ECG-guided positioning with the Certodyne^R universal adapter. American Society of Anesthesiologists Annual Meeting, San Francisco, October 2003. *Anesthesiology* 2003; 99: A1287.
31. Luehr SL, **Pivalizza EG**, Melnikov V, Gebhard R, Lipski I, Warters RD, Katz J. A Template for Successful Anesthesiology Resident Recruitment. Society for Education in Anesthesia Annual Meeting, Harrisburg, June 2004. *Journal of Education in Perioperative Medicine* 2004: VII; I and *Journal Clinical Anesthesia* 2004:16; 602-39.
32. Pivalizza EG, Luehr SL, Larson SM, Wang S, Katz J. Anesthesia Department Chart Review and Resident Education. Society for Education in Anesthesia Annual Meeting, Harrisburg, June 2004. *Journal of Education in Perioperative Medicine* 2004: VII; I and *Journal of Clinical Anesthesia* 2004:16; 602-39.
33. Pivalizza EG, Luehr SL, Szmuk P, Hagberg CA, Gebhard R, Larson SM, Warters RD, Katz J. Anesthesia Department Quality Assurance and Resident Education. Society for Education in Anesthesia Annual Meeting, Harrisburg, June 2004. *Journal of Education in Perioperative Medicine* 2004: VII; I and *Journal of Clinical Anesthesia* 2004:16; 602-39.
34. Luehr SL, **Pivalizza EG**, Warters RD, Lipski I, Katz J. A Template for Successful Anesthesiology Resident Recruitment. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Las Vegas, October 2004. *Anesthesiology* 2004; 101: A1349
35. Pivalizza EG, Luehr SL, Szmuk P, Hagberg CA, Gebhard R. Anesthesia Department Quality Assurance Projects and Resident Education. Poster Discussion, American Society of Anesthesiologists Annual Meeting, Las Vegas, October 2004. *Anesthesiology* 2004; 101: A1408.
36. Pivalizza EG, Luehr SL, Larson SM, Wang SL, Katz J. Anesthesia Department Chart Review, Resident Education and Core Competency Evaluation. Poster Discussion, American Society of Anesthesiologists Annual Meeting, Las Vegas, October 2004. *Anesthesiology* 2004; 101: A1410.
37. Lipski I, **Pivalizza EG**. The Thrombelastograph^R in Patients Taking Coumadin. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Las Vegas, October 2004. *Anesthesiology* 2004; 101: A156.

38. Szmuk P, **Pivalizza EG**, Gebhard R, Sciard D, Warters D. Accuracy of the T-line Tensymotor vs. conventional invasive radial artery tonometry in surgical cases with induced hypotension. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Las Vegas, October 2004. *Anesthesiology* 2004; 101: A545.
39. Pivalizza EG. Fenoldopam vs. Dopamine in Liver Transplantation. Society of Cardiovascular Anesthesiologist's Annual Meeting, Baltimore, May 2005. *Anesthesia and Analgesia* 2005; 100: SCA100.
40. Pivalizza EG, Lappin J, Riha K, Merhav H, Melnikov V, Vogt C, Miele L. Intraoperative continuous veno-veno dialysis during Liver Transplantation. International Liver Transplant Society (ILTS) Annual Meeting, Los Angeles, July 2005. *Liver Transplantation* 2005; 11: C-10 (#39).
41. Pivalizza EG, Merhav J, Lappin J, Saggi B, Gebhard R, Warters R, Abramson S, Banjac I, Miele L. Introduction of Autologous Cell Salvage for Liver Transplantation. ILTS Annual Meeting, Los Angeles, July 2005. *Liver Transplantation* 2005; 11: C-39 (# 153).
42. Pivalizza EG, Ekpenyong U, Warters R, Sheinbaum R, Estrera A, Saggi B, Miele L. Early Intraoperative Thromboembolism during Liver Transplantation. ILTS Annual Meeting, Los Angeles, July 2005. *Liver Transplantation* 2005; 11: C-38 (#150).
43. Pivalizza EG, Szmuk P, Jain R, Ellis SR, Eisner D, Rabb MF, Lipski I. Resident Education on Medical Mission Trips. Society for Education in Anesthesia Annual Meeting (Poster presentation), Washington, June 2005. *Journal of Clinical Anesthesia* 2005; 17: 672-3.
44. Curry B, Smith KJ, Eisner CD, **Pivalizza EG**, Szmuk P. Compliance with NPO status in pediatric patients: Preliminary evaluation. Society of Pediatric Anesthesia Annual Meeting, May 2005.
45. Warters RD, Szmuk P, **Pivalizza EG**, Gebhard RE, Ezri T, M.D. The Role of Anesthesiologists in the Selection and Administration of Perioperative Antibiotics: A Survey of AACD Members. Poster Presentation, American Society of Anesthesiologists Annual Meeting, New Orleans, Oct 2005. *Anesthesiology* 2005; 103: A1245.
46. Szmuk P, Curry B, Smith KJ, Ghelber O, **Pivalizza EG**, M.D. Compliance with NPO Status in Pediatric Patients: A Preliminary Audit. *Anesthesiology* 2005; 103: A1351.
47. Kratschmer R, **Pivalizza EG**, Koch SM, Wainright DJ, Freet D, Parks DH. Coagulation changes during initial resuscitation in severely burned patients. International Anesthesia Research Society Annual Meeting, San Francisco, March 2006. *Anesthesia and Analgesia* 2006; 102: S83.

48. Pivalizza EG, Hobbs R, Hartwell EA. Education of anesthesia residents in blood compatibility. International Anesthesia Research Society Annual Meeting, San Francisco, March 2006. *Anesthesia and Analgesia* 2006; 102: S101.
49. Gebhard RE, Ghelber O, Warters RD, **Pivalizza EG**, Szmuk P. Local anesthetic injection-pressure monitoring during nerve blocks with the CompuFlo^R injection pump. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Chicago, October 2006. *Anesthesiology* 105: A1136.
50. Lam NC, Sciard D, Abramson S, Bogolmony Y, **Pivalizza EG**. Resident's training in regional anesthesia. Poster Presentation, American Society of Anesthesiologists Annual Meeting, Chicago, October 2006. *Anesthesiology* 105: A163.
51. Pivalizza EG, Eisner C, Abramson S, Sharkey A, Melnikov V, Lam NC. Platelet dysfunction in Liver Transplant Recipients. Poster presentation, International Anesthesia Research Society Annual Meeting, Orlando, March 2007. *Anesthesia and Analgesia* 2007; 104: S14.
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58. Pivalizza CM, **Pivalizza EG**. Trauma Red: The Making of a Surgeon in War and in America's Cities (Book Review). *Anesth Analg* 2015; 2015: 121; 574.
59. Pivalizza EG, Nwokolo OO, Williams GW. Legislative Advocacy in the USA: Hurdles to Mandatory Training (Letter to the Editor). *Acad Medicine* 2016; 91; 449.
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65. Gumbert SD, Guzman-Reyes S, **Pivalizza EG**. More About the Role of USMLE Step 1 Scores in Resident Selection (Letter to the Editor). *Acad Medicine* 2016: 91; 1469
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68. Pivalizza EG, Nwokolo OO, Ghebremichael SJ, Markham TH, Guzman-Reyes S, Gumbert SD. Does the ABA Basic Examination really result in an increase in anesthesiology resident ITE scores? (Letter to the Editor). *Anesthesiology* 2018 (In press)
69. Sridhar S, Pivalizza EG. Advanced Perioperative Crisis Management (Book Review). *Anesth Analg* 2018: 126; 2139
70. Pivalizza EG. Anesthesia Duration Does Not Exist in a Surgical Vacuum. *JAMA Fac Plas Surg* 2018 (In press)
71. Pivalizza EG. Education and Vigilance (Letter to the Editor). *ASA Monitor*. 2018;82:60
72. Pivalizza EG, Sridhar S, Rossmann S, Cotton BA. Jumping on the Investigative Whole Blood Train (Letter to the Editor). *Anesth Analg* 2018:
73. Pivalizza EG, De Haan JB. Limitation of the INR in Guiding Perioperative Plasma Transfusion (Letter to the Editor). *Anesthesia and Analgesia* 2018
74. Stephens C, De Haan JB, Gumbert SD, **Pivalizza EG**. Use of the Bougie Endotracheal Tube Introducer in Unstable Cervical Spine Airway Management. *Anesthesia and Analgesia* 2018:
75. Pivalizza EG. Association and Effect of Opioid Abuse - Related Readmission. *Anesthesiology* 2018:

MEDICALLY CHALLENGING CASE PRESENTATIONS – ASA ANNUAL MEETING

1. Reddy A, **Pivalizza EG**. Anesthesia for a patient with Carnitine deficiency in the MRI suite. (2010).
2. Juarez R, Sona J, Shen MC, Newman T, **Pivalizza E**. Urgent thoracic surgery for ruptured diaphragmatic hernia in a 24 week parturient. (2011)
3. Herald K, **Pivalizza E**. Intrapartum maternal and fetal bradycardia – a case of simple hypovolemia? (2014).
4. Azimi-Bolourian J, **Pivalizza E**, Robinson S, Wong M, Pacheco S. Intraoperative delayed onset ACE-Inhibitor induced angioedema during maxillofacial surgery (2015).
5. Balli CA, Ardesna RH, Markham TH, **Pivalizza EG**, Jackson ML. Subdural Hematoma Following a Spinal Catheter for a Cesarean-Section Requiring Emergency Neurosurgery (2017), MC 1556.
6. Laidig JR, Vu Hoang HT, **Pivalizza EG**, Cattano D. TEG Guided Perioperative Management of Novel Oral Anticoagulants (NOACs)(2017), MC 1302

SCIENTIFIC AND EDUCATIONAL EXHIBITS – ASA ANNUAL MEETING

1. Weiss LE, Corujo-Rodriguez A, Sparkle T, Cattano D, **Pivalizza EG**, Gumbert S. Understanding Thrombelastography (TEG). (2015)

PRESENTATIONS AND LECTURES

1. **State: Texas Society Anesthesiologist's Interim Meeting**
 - Pharmacological Strategies to Decrease Blood Loss Pot Cardiopulmonary Bypass (May 1994, Austin, TX)
 - The Third Rail in Anesthesia – Practice Options Beyond Partnership (May 2014, Fort Worth, TX)
2. **State: Texas Coast Anesthesia Review Course**. Ambulatory Anesthesia. South Shore Harbor Conference Center. April 1995.
3. **State: TMA Annual Meeting (Blood and Tissue Committee CME)** Implications of New Antiplatelet Agents for Anesthesia and Surgery.. May 2004, Austin, Texas.

4. Local: Grand Rounds, Department of Anesthesia, University of Texas Health Science Center at Houston:

- Pharmacological strategies to decrease blood loss post-cardiopulmonary bypass (1993).
- Anesthesia for pheochromocytoma excision (1994).
- Coffee, TEG and clot (1995).
- Aspects of myocardial ischemia (1996)
- Anesthesia for the Jehovah's Witness patient (1997)
- Coagulation disorders and anesthesia (1998)
- Heparin-induced thrombocytopenia (1999)
- Anesthesia for hypertrophic obstructive cardiomyopathy (2000)
- Anesthesia for Moyamoya disease (2001)
- Ethics of living related liver transplantation (2002)
- Anesthesia for a medical mission trip (2002).
- Professionalism, a Core Competency (2003)
- Update on Core Competencies (2004, 2006)
- Airway management after cervical spine surgery (2005)
- Anesthesiology oral board preparation (2006)
- Academic performance (2007, 2009, 2016)
- Peer Review (2013)
- Perioperative MI (2013)
- ABA certification process update (2015)
- TSA update (2017)

5. City: Grand Rounds, Department of Surgery, University Texas Health Science Center - Houston

- The Thrombelastograph and Sonoclot analyzer (1997)
- Ketamine in 2008 (Surgery research group meeting)

6. City: Cardiovascular Anesthesia Department presentation: Texas Heart Institute

- The Thrombelastograph in patients undergoing cardiac surgery (2001)

7. City: Grand Rounds, Texas Women's Hospital

- Blood Component Therapy and the Thrombelastograph (2004)

8. International: Visiting Lecture, Department Anesthesia, University of Cape Town, South Africa

- Review of anesthesiology training and education in the USA (2004)

9. State: Resident Seminar, Texas Society of Anesthesiologist's (TSA) Annual Meeting

- What do we do with the Jehovah's Witness Surgical Patient in 2006?

10.State: Invited Lecture, UTMB-Galveston Department of Anesthesiology

- Liver Transplantation update (2005)

11.City: Invited Lecture, MD Anderson Cancer Center, Department of Anesthesiology

- Thrombelastography (2008)

12.State: Invited Lecture, TSA Annual Meeting

- The Thrombelastograph in 2009

13.State: invited Lecture, TSA Annual Meeting

- Perioperative care of the Patient taking Anticoagulant/antiplatelet therapy (2009)
- Not another new anticoagulant! (2012)

14.City: Invited Lecture, Methodist Hospital Dept. of Anesthesiology

- Perioperative care of the Patient taking Anticoagulant/antiplatelet therapy (2009)

15.National: Invited Presentation, Combined Duke University/University North Carolina Liver Transplant Anesthesia Groups

- Use of the TEG in 2013

16.National: Perioperative Care in Liver Transplantation (ILTS Annual Meeting, New Orleans, 2014)

- Case presentation of porto-pulmonary hypertension

17.National: Society of Anesthesia and Sleep Medicine Annual Meeting, New Orleans, 2014

- Minute Ventilation vs. Expired CO₂ Monitoring

18.National: Anesthesiology Assistants Annual Meeting (AAAA) – Denver 2016

- TEG in 2016
- Coagulation in Liver Disease

19.National: Visiting Lecturer: U Mississippi Anesthesia Dept – July 2016. TEG in 2016**20.National: ASA National Meeting 2016: PCC and Fibrinogen (Attacking the Ooze Panel)****21.National: 68th Annual Postgraduate Symposium on Anesthesiology (KUMC) – April 2018**

- 1:1:1 Massive transfusion in trauma - PROPPR study
- The role of factor and fibrinogen concentrates in 2018
- Liver pathophysiology and new ideas in coagulation

22. Perioperative Surgical Home Learning Collaborative: Patient Blood Management Webinar – August 2018

- Point-of-Care Testing in Bleeding Management

23. National: ASA Annual Meeting 2018

OTHER ACTIVITIES:

1994-1998	Member of AIDS Care Team - Bellaire United Methodist Church
1994-1998	Lay Reader - Bellaire United Methodist Church
1994-1995	Member Houston Team Squash B Team, Houston, Texas
1998-2003	Member of Red Cross Shelter Team- Bellaire United Methodist Church
1999-2017	Anesthesiologist and/or anesthesiology team leader for annual surgical mission team trip with Faith in Practice to Hermano Pedro Hospital, Antigua, Guatemala (17)