

Curriculum Vitae

John Carl Lundell, M.D.

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Award-winning anesthesiologist in active clinical practice. Yale- educated, Wake Forest-trained. United States Air Force veteran, Operation Iraqi Freedom. Extensive teaching experience. Fellowship trained in cardiothoracic anesthesia.

EDUCATION

1994 Doctor of Medicine, Yale University School of Medicine, New Haven, CT
1990 Bachelor of Science, Brigham Young University, Provo, UT

POSTDOCTORAL TRAINING

1998 – 1999 Fellowship, Cardiothoracic Anesthesia Wake Forest, Winston-Salem, NC
1995 – 1998 Residency, Anesthesiology, Wake Forest Baptist Medical Center, Winston-Salem, NC
1994 – 1995 Internship, Internal Medicine, Greenwich Hospital, Greenwich, Connecticut

CERTIFICATIONS

1999 – 2019 Perioperative Transesophageal Echocardiography Testamur/Diplomate
1999 – present American Board of Anesthesiology (Non-expiring)—voluntary participating in MOCA

HONORS AND AWARDS

2005-present Multiple Five Star Spirit Awards for Excellence, Baylor University Medical Center
2000-2004 Air Force Commendation Medal
National Defense Service Medal
Meritorious Medal
Air Force Outstanding Unit Award
Air Force Longevity Service Award Ribbon
Air Force Training Ribbon
2000 Resident Research Award, Society of Cardiovascular Anesthesiologists
1997 2nd Prize, Gulf Atlantic Anesthesia Residents' Research Conference
1990-94 US Air Force Health Professions Scholarship, Yale
1990 Distinguished Graduate US Air Force Officer Indoctrination Course
1983-90 Board of Trustee's Scholarship, Dean's List (6 Semesters)
Golden Key Honor Society
Tau Beta Pi Engineering Honor Society
Magna Cum Laude Graduate, BYU
1983 Valedictorian, Gilroy High School, Gilroy, CA
1980 Eagle Scout, Boy Scouts of America

MILITARY SERVICE

2004 Honorable Discharge, USAF
2003 Veteran, Operation Iraqi Freedom
2000 – 2004 Major, USAF, MC, Active Duty
1998 – 2000 Captain, USAF, MC, Active Duty
1994 – 1998 Captain, USAF, MC, Inactive Reserve
1990 – 1994 2nd Lieutenant, USAF, MSC Ready Reserve

TEACHING EXPERIENCE

2014 – present Affiliate clinical faculty for TX A&M, some teaching residents, medical students
2005 – present Clinical faculty for UT Southwestern, some teaching residents, medical students
2014 – 2017 Taught nurse anesthesia student lecture series, Baylor Univ Medical Center, Dallas
2004 – 2005 Full time faculty at UCSD Medical Center teaching residents
1999 – 2004 Full time faculty at Wilford Hall USAF Medical Center teaching residents

EMPLOYMENT

2014-present Anesthesiologist, PAP Division, Pinnacle Partners in Medicine, US Anesthesia Partners
2009-2014 Anesthesiologist, PAP Division of Pinnacle Partners in Medicine
2007-2009 Anesthesiologist, PAP Division of Northstar Anesthesia
2005-2007 Anesthesiologist, Physicians Anesthesia Practice (PAP)
2004-2005 Anesthesiologist, University of California, San Diego, Department of Anesthesiology
1998-2004 Anesthesiologist, United States Air Force
2001-2005 Locums Anesthesiologist for Medical Doctor Associates & Whitaker Medical
1995-1998 Anesthesia Resident, Wake Forest North Carolina Baptist Medical Center, Winston-Salem, NC
1997-1999 In House Physician, Medical Park Hospital, Winston-Salem, NC
1997-1998 Medical Weight Loss Physician, Nutrisystem, Winston-Salem, NC
1994-1995 Internal Medicine Intern, Greenwich Hospital, Greenwich, CT

POSITIONS & COMMITTEES

2014 – present Affiliate Clinical Assistant Prof. of Anesthesiology, College of Medicine, TX A&M University
2005 – present Clinical Associate Professor of Anesthesiology, UT Southwestern Medical Center
2005 – present Staff Anesthesiologist, Baylor University Medical Center, Dallas, TX
2004 – 2005 Clinical Associate Professor of Anesthesiology, UCSD Medical Center
2000 – 2004 Assistant Professor of Anesthesiology, Uniformed Services University of Health Sciences
1999 – 2004 Attending Anesthesiologist, Dept of Anesthesiology, Wilford Hall USAF Medical Center
2000 – 2004 Chief, Cardiothoracic Anesthesia, Director Perioperative TEE, Wilford Hall
2000 – 2003 Director of Resident/Medical Student Rotators, Dept. Anesthesiology, Wilford Hall
2000 – 2003 Chair, Residency Selection Committee, Dept of Anesthesiology, Wilford Hall
1999 – 2001 Animal Care and Use Committee alternate, Wilford Hall
1999 – 2000 Trauma Care Services Committee member, Wilford Hall

MEMBERSHIPS

1995 – present American Society of Anesthesiologists
1998 – 2013 Society of Cardiovascular Anesthesiologists
1998 – 2014 International Anesthesia Research Society
2006 – present Texas Society of Anesthesiologists
2005 – present Texas Medical Association
2005 – present Dallas County Medical Society

VOLUNTEER

1985-1987 Volunteer Missionary Service

MEDICAL LICENSES

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|----------------|-----------------|------------------------|---------------|
| North Carolina | inactive status | Texas | active status |
| California | retired status | Florida Expert Witness | active status |
| Connecticut | inactive status | | |

LANGUAGES English, Spanish

PUBLICATIONS

Ririe DG, **Lundell JC**, Neville MJ. *Direct Effects of Propofol on Myocardial and Vascular Tissue From Mature and Immature Rats*. Journal of Cardiothoracic and Vascular Anesthesia 2001;15(6):745-9.

Lundell JC, Scuderi PE, Butterworth JF. *Less Isoflurane Is Required After Than Before Cardiopulmonary Bypass to Maintain a Constant Bispectral Index Value*. Journal of Cardiothoracic and Vascular Anesthesia 2001;15(5):551-4.

Zvara DA, Colonna DM, Deal DD, Vernon JC, Gowda M, **Lundell JC**. *Ischemic Preconditioning Reduces Neurologic Injury in a Rat Model of Spinal Cord Ischemia*. Annals of Thoracic Surgery. Annals of Thoracic Surgery 1999; 68:874-80.

Lundell JC, Silverman DG, Brull SJ, et al. *Reduction of Postburn Hyperalgesia after Local Injection of Ketorolac in Healthy Volunteers*. Anesthesiology 1996; 84(3):502-9.

LETTERS TO THE EDITOR

Lundell JC *Evidence-Based EACA Dosing?* Anesthesia & Analgesia 2002; 94(6):1673

ABSTRACTS

Lundell JC, Silverman DG, Brull SJ, et al. *Effect of Local Injection of Ketorolac on Post-Burn Hyperalgesia*. Anesthesiology 81:A960, 1994

Lundell JC, Brooker RF. *Can Transesophageal Echocardiography Replace the Pulmonary Artery Catheter as the Perioperative Monitor of Choice in High Risk Patients?*

Lundell JC, Zvara DA, Colonna DM, Deal D, Vernon J. *Ischemic Preconditioning Protects the Rat Spinal Cord from Subsequent Ischemia*.

Zvara DA, Colonna DM, Deal DD, Vernon JC, **Lundell JC**. *Ischemic Preconditioning Reduces Neurologic Injury in a Rat Model of Spinal Cord Ischemia*. Anesthesiology 89:A684, 1998.

Neville M, **Lundell J**, Ririe D. *The Negative Inotropic Effects of Propofol Are Not Age-Dependent*. Anesthesiology 91:A1269, 1999.

Lundell JC, Ririe DG. *The Vasodilating Properties of Propofol are Age-Dependent*. Anesthesiology 91:A1269, 1999.

Lundell JC, Scuderi PE, Butterworth JF. *Less Isoflurane is Required During Rewarming and After Cardiopulmonary Bypass to Maintain a Constant Bispectral Index*.

THESIS

Lundell JC. *A Model for Testing The Effects of Local Pretreatment on Hyperalgesia Induced by Tissue Injury: Ketorolac vs. Saline*. Submitted to Yale University School of Medicine as a requirement for the degree of Doctor of Medicine, 1994.

BOOK CHAPTERS

Rogers AT, **Lundell JC**, Dolinsky SY. Complications of cardiopulmonary bypass. In: Benumof J, Saidman L, eds. *Anesthesia and Perioperative Complications*, 2nd ed. St. Louis: Mosby, 1999.

BOOKS

Lundell JC. *Anesthesia Basics for Perioperative Nurses*, Kindle Direct Publishing, 2019.

Lundell JC. *Anesthesia Basics for Medical Students and Resident Rotators*, Kindle Direct Publishing, 2021.

PRESENTATIONS

Effect of Local Injection of Ketorolac on Post-Burn Hyperalgesia. Presented at American Society of Anesthesiologists Meeting 19 Oct 1994, San Francisco, CA

Can Transesophageal Echocardiography Replace the Pulmonary Artery Catheter as the Perioperative Monitor of Choice in High Risk Patients? Presented at the 23rd Annual Gulf-Atlantic Anesthesia Residents' Research Conference, May 1997.

Ischemic Preconditioning Protects the Rat Spinal Cord from Subsequent Ischemia. Presented at the 24th Annual Gulf-Atlantic Anesthesia Residents' Research Conference, May 1998. 2nd Place best abstract.

Negative Inotropic Effects of Propofol Are Not Age-Dependent. Presented at the 25th Gulf-Atlantic Anesthesia Residents' Research Conference, 22 May 1999.

The Vasodilating Properties of Propofol are Age-Dependent. Presented at the 25th Annual Gulf-Atlantic Anesthesia Residents' Research Conference, 22 May 1999.

Less Isoflurane is Required During Rewarming and After Cardiopulmonary Bypass to Maintain a Constant Bispectral Index. Presented at the Society of Cardiovascular Anesthesiologists Meeting, 6-10 May 2000. Orlando, FL. Resident Research Award.

Anesthetic Emergence. Presented at North East Regional meeting of Texas Association of PeriAnesthesia Nurses 9 Nov 2019, Arlington, TX

Anesthesia Basics. Presented to Operating Room Nurse Interns, Baylor Scott & White Regional Medical Center, Plano, 19 Feb 2020, Plano, TX

Anesthetic Options. Presented at North East Regional meeting of Texas Association of PeriAnesthesia Nurses 7 Mar 2020, Plano, TX

Lessons from Malpractice Cases in Anesthesia. Presented at Anesthesia Grand Rounds Baylor Scott & White Medical Center, Dallas. 28 Jan 2022, Dallas, TX

Lessons from Malpractice Cases in Anesthesia. Presented at Virtual Perianesthesia Nurse Awareness Week. 5 Feb 2022, Dallas, TX