

CURRICULUM VITAE

Thomas J. Ebert MD, PhD

**Adjunct Professor
Department of Anesthesiology
Division of Clinical**

OFFICE ADDRESS:

VA Medical Center
5000 W National Ave
Milwaukee, WI 53295

EDUCATION:

1971 - 1975 B.A., Ripon College, Ripon, WI
1975 - 1978 M.S., The Medical College of Wisconsin, Milwaukee, WI
1978 - 1980 Ph.D., The Medical College of Wisconsin, Milwaukee, WI
1983 - Present M.D., The Medical College of Wisconsin, Milwaukee, WI
- 1975 B.A. 1975 Biology, Ripon College, Ripon, WI
Dissertation Title: Effect of Age and Coronary Artery Disease on Cardiopulmonary and Arterial Baror
- 1978 M.S. 1978 Physiology, The Medical College of Wisconsin, Milwaukee, WI
- 1980 Ph.D. 1980 Physiology, The Medical College of Wisconsin, Milwaukee, WI
Thesis Title: Cardiovascular Changes With Local Cold and Lower Body Negative Pressure: Additive Re

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

1980 - 1981 Postdoc Fellowship; Advisor: Dwain L Eckberg, MD, Physiology, Cardiovascular, The Medical College of Virginia, Richmond, VA
1981 - 1982 Postdoc Fellowship; Advisor: James J Smith, MD, PhD, Physiology, Cardiovascular, The Medical College of Wisconsin, Milwaukee, WI
1981 - Present Cardiovascular Physiology, The Medical College of Virginia, Richmond, VA, Advisor: Dwain L Eckberg, MD
1982 - Present Cardiovascular Physiology, The Medical College of Wisconsin, Milwaukee, WI, Advisor: James J Smith, MD, PhD
1983 - 1987 Resident, Anesthesiology, The Medical College of Wisconsin Affiliated Hospitals, Milwaukee, WI
1987 - Present Affiliated Hospitals, Milwaukee, WI
2000 - Present Wisconsin and the University of Wisconsin Milwaukee, School of Business.
2000 Faculty Leadership Development Course, School of Business, The Medical College of Wisconsin and the University of Wisconsin-Milwaukee, Milwaukee, WI
- 1983 M.D. 1983 Medicine, The Medical College of Wisconsin, Milwaukee, WI
- 1983 Resident 1983- Resident in Anesthesiology, The Medical College of Wisconsin
Selected Attendee Faculty Leadership Development Course. The Medical College of

FACULTY APPOINTMENTS:

1975 - 1981 Research Associate, Physiology, The Medical College of Wisconsin, Milwaukee, WI
1985 - Present Adjunct Appointment, Physiology, The Medical College of Wisconsin, Milwaukee, WI
1987 - Present Staff Anesthesiologist, Anesthesiology, Clement J. Zablocki VA Medical Center, Milwaukee, WI
1987 - 1990 Assistant Professor, Anesthesiology, The Medical College of Wisconsin, Milwaukee, WI
1990 - 1995 Associate Professor, Anesthesiology, The Medical College of Wisconsin, Milwaukee, WI
1996 - Present Tenured Professor, Anesthesiology, The Medical College of Wisconsin, Milwaukee, WI
The Medical College of Wisconsin, Milwaukee, WI

Adjunct Appointment, Department of Physiology
The Medical College of Wisconsin, Milwaukee, WI
Department of Anesthesiology
Professor of Anesthesiology with Tenure

ADMINISTRATIVE APPOINTMENTS:

1975 - 1981 Research Associate-Physiology
2000 - 2001 Vice President of Faculty Council, Medical College of Wisconsin, Milwaukee, WI
2001 - 2002 President of Faculty Council, Medical College of Wisconsin, Milwaukee, WI
07/01/2016 - Present Member FMLH CQI Committee, Anesthesiology, MCW
07/01/2019 - Present Director Wed AM Scheduling Committee, Anesthesiology, MCW

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

07/01/2003 - Present Vice Chair for Education, Department of Anesthesiology, Medical College of WI
2004 - Present Clinical Competence Committee, Anesthesiology, The Medical College of Wisconsin, Milwaukee, WI
2004 - 2015 Program Director, Anesthesiology, Medical College of Wisconsin, Milwaukee, WI
01/01/2008 - Present Program Coordinator and participating faculty for the FAER Medical Student Anesthesia Research Fellowship Program, Anesthesiology, The Medical College of Wisconsin, Milwaukee, WI
2014 - Present Resident Interview Committee, Anesthesiology, The Medical College of Wisconsin, Milwaukee, WI
07/01/2015 - Present AIG Faculty Leader, Anesthesiology, M1 and M2 students, MCW

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

1987 - 1990 Assistant Professor of Anesthesiology
1990 - 1995 Associate Professor of Anesthesiology
2012 - 2014 Acting Division Manager, Anesthesiology, Clement J. Zablocki VA Medical Center, Milwaukee, WI
07/01/2014 - 06/30/2021 VA Division Manager, Anesthesiology, Clement J. Zablocki VA Medical Center, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

Staff Anesthesiologist, Anesthesiology, Zablocki VA Medical Center, Milwaukee, WI
Staff Anesthesiologist, Anesthesiology, Froedtert Hospital, Milwaukee, WI
Saint Joseph's Medical Center
Zablocki VA Medical Center
Froedtert Hospital
Staff Anesthesiologist, Anesthesiology, Obstetrics, Wheaton Franciscan Healthcare-Saint Joseph's Medical Center, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
	04/28/1995	None

AWARDS AND HONORS:

1975 Beta Beta Beta National Science Honorary Society
1975 - Present Beta Beta Beta National Science Honorary Society
1978 - 1980 Predoctoral Fellowship, Wisconsin Heart Association
1978 - 1980 Predoctoral Fellowship, Wisconsin Heart Association
1980 - 1982 Postdoctoral Fellowship, Wisconsin Heart Association
1980 - 1982 Postdoctoral Fellowship, Wisconsin Heart Association
1987 - 1991 Veterans Administration Career Development Award
1987 - 1991 Career Development Award, Veterans Administration
04/1991 - Present April 1991 Elected member , Association of University Anesthesiologists

04/1991 Elected , The Association of University Anesthesiologists
 06/1992 Elected to the Board of Governors , Wisconsin Heart Association
 01/01/2006 - 12/31/2007 President, Milwaukee Society of Anesthesiologists
 01/01/2008 - 12/31/2008 Past President, Milwaukee Society of Anesthesiologists
 07/01/2008 - Present Academy of Research Mentors, Foundation for Anesthesiology Education and Research
 2008 - Present FAER Mentorship Society
 2009 - 2010 Best Doctors in America, Selection by Peers
 2010 - 2019 Best Doctors in America, Selection by Peers
 - 1992 June 1992 Elected to the Board of Governors of the Wisconsin Heart Association
 - 2006 January 2006 President of Milwaukee Society of Anesthesiologists

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1985 - Present Wisconsin Society of Anesthesiologists
 1985 - Present American Society of Anesthesiologists
 1987 - Present International Anesthesia Research Society
 04/01/1991 - Present Association of University Anesthesiologists (Elected Member)
 1991 - Present Milwaukee Society of Anesthesiologists
 07/01/2000 - Present International Anesthesiology Research Society (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Ad-Hoc Reviewer
 Test

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

07/01/1997 - Present VA IRB, VAMC
 2000 - 2001 Vice President, Faculty Council, Medical College of Wisconsin
 2001 - 2002 President, Faculty Council, Medical College of Wisconsin
 07/01/2014 - Present VA OR Committee, VAMC
 07/01/2014 - Present Chair, VA Airway Committee, VAMC
 07/01/2014 - Present VA Surgical Workgroup, VAMC
 07/01/2014 - Present Member, VA Executive Committee, VAMC
 07/01/2015 - Present VA Moderate Sedation, VAMC
 07/01/2015 - Present VA Research and Development, VAMC
 07/01/2015 - Present Member, MCW leadership committee, MCW
 07/01/2016 - Present VA Blood Bank, VAMC
 Elected President of Faculty Council, Medical College of Wisconsin
 Elected Vice President of Faculty Council, Medical College of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

04/01/1991 - Present Elected Society Member, Association of University Anesthesiologists
 2008 - Present Elected Member, FAER Academy of Research Mentors in Anesthesiology, Foundation for Anesthesiology Education and Research
 11/15/2020 - 11/15/2022 Committee member, FAER Development Committee, Foundation for Anesthesiology Education and Research

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Non-Peer Review

Title:	Opioid Prescribing and Persistence after Elective Surgery at the Zablocki VA Medical Center
Role:	PI
PI:	Thomas Ebert
Dates:	06/01/2020 - 08/30/2021

Title:	Reducing Environmental Effects of
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	Waste Anesthesia Gases at the Zablocki VA Medical Center
Role:	PI
PI:	Thomas Ebert
Dates:	06/01/2020 - 08/30/2020

Pending

Peer Review

Title:	T-32 Training Grant
Source:	NIH
Role:	PI
PI:	Thomas Ebert
Dates:	07/01/2021 - 06/30/2026
Direct Funds:	\$960,649

Title:	The effects of reversing neuromuscular blockade with sugammadex on cardiac autonomic balance in elective surgical patients
Source:	Merck Sharpe and Dohme
Role:	PI
PI:	Thomas Ebert
Dates:	09/01/2021 - 08/30/2022
Direct Funds:	\$50,000 (Approval number IRB submission took place 1/24/2019)

Title:	Focused interventions in physician's opioid prescribing patterns and in Patience's and provide education to reduce persistent opioid use by opioid naive patients undergoing elective surgery.
Source:	VA Health Services
Role:	Co-Investigaor
PI:	Craig E Cummings, MD
Dates:	12/01/2021 - 11/30/2022
Direct Funds:	\$100,000

Non-Peer Review

Title:	PACU Energy levels after reversal with Sugammadex
Role:	PI
PI:	Ebert, Tom

Prior

Peer Review

Title:	Training Grant, T-32
Source:	NIH
Role:	PI
PI:	thomas ebert
Dates:	07/01/2015 - 06/30/2020
Direct Funds:	\$960,649

Title:	Beyond Milestones; Using Global Ratings to Evaluate Trainee
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	Performance.
Source:	FAER
Role:	PI
PI:	Thomas Ebert
Dates:	07/01/2018 - 06/30/2020
Direct Funds:	\$100,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Regional

Ebert, T.,J., Enhanced Recovery after Surgery: an Anesthesiologists perspective, Wisconsin Surgical Society annual meeting, Virtual, 11/06/2020

National

John Doe, New ECG techniques workshop, American Heart Meeting, Dallas, 05/05/2005 - 05/09/2007
Jane Doe, Distinguished Lectureship, American Physiological Society, Washington D.C., 05/05/2008 - 05/09/2008

COMMITTEE SERVICE:

Hospital

2011 - 2020 Member, Executive Committee, anesthesiology, Zablocki VA Medical Center

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

01/23/2019 Lecture: AIG dinner discussion of subspecialties, Pain, Peds, CC, Ambulatory (Tagalakis, Tanem, Butz)
07/24/2019 MCW M4 Mock Interviews
09/24/2019 Lecture: AIG introductory lecture "What is the specialty of Anesthesiology?"
01/29/2020 M3 lecture: Mechanical Ventilation

Resident and Fellow Education

04/06/2019 New Curriculum Development for VA PreOp rotation for Anesth Interns
07/18/2019 Lecture: Volatile anesthetics
07/18/2019 Volatile anesthetics part 2 CA-1
08/01/2019 Anesth for MO patients CA-1
11/13/2019 Anesth for Bariatric Surgery CA2/3
06/07/2021 CA-1 Basic Exam Review- high yield topics

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Resident

07/01/2007 - 2015 Residents as Educators
07/01/2014 - Present Safari, Out of OR anesthesiology rotation
07/01/2019 - 06/30/2021 Organizer of Wed AM Conferences with V. Professors, Grand Rounds, Case Conf, Specialty conferences
04/06/2020 New Curriculum for PGY-1 on PreOp clinic rotation
07/01/2020 - Present Minimizing Environmental Impact of Anesthesia volatile anesthetics

Faculty

05/01/2019 - 12/31/2019 Faculty Development Seminar Series
07/01/2019 - 12/01/2019 Faculty Development curriculum and 3 lectures given along with organizing other speakers

Clinical Programs

COMMUNITY SERVICE ACTIVITIES:

Stadium Physician Milwaukee County Stadium, First Aid Room
Treasurer Antigo Island Club, Pelican Lake, WI
Treasurer Antigo Island Club, Pelican Lake, WI
Stadium Physician Milwaukee County Stadium, First Aid Room
President, Antigo Island Club, Pelican Lake, WI

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Farrell PA, Ebert TJ, Kampine JP. Naloxone augments muscle sympathetic nerve activity during isometric exercise in humans. *Am J Physiol.* 1991 Mar;260(3 Pt 1):E379-88.
2. Ebert TJ, Novalija J, Barney JA, Uhrich TD, Arain SR, Freed JK, Pagel PS. Moderate, Short-Term, Local Hyperglycemia Attenuates Forearm Endothelium-Dependent Vasodilation After Transient Ischemia-Reperfusion in Human Volunteers. *J Cardiothorac Vasc Anesth.* 2017 Oct;31(5):1649-1655.
3. Arain SR, Freed JK, Novalija J, Pagel PS, Ebert TJ. Short-Term Angiotensin Subtype 1 Receptor Blockade Does Not Alter the Circulatory Responses to Sympathetic Nervous System Modulation in Healthy Volunteers Before and During Sevoflurane Anesthesia: Results of a Pilot Study. *J Cardiothorac Vasc Anesth.* 2016 Dec;30(6):1479-1484.
4. Ebert TJ, Middleton AH, Makhija N. Ventilation monitoring during moderate sedation in GI patients. *J Clin Monit Comput.* 2017 Feb;31(1):53-57.
5. Ebert TJ, Novalija J, Uhrich TD, Barney JA. The effectiveness of oxygen delivery and reliability of carbon dioxide waveforms: a crossover comparison of 4 nasal cannulae. *Anesth Analg.* 2015 Feb;120(2):342-8.
6. Yamaleyeva LM, Merrill DC, Ebert TJ, Smith TL, Mertz HL, Brosnihan KB. Hemodynamic responses to angiotensin-(1-7) in women in their third trimester of pregnancy. *Hypertens Pregnancy.* 2014 Nov;33(4):375-88. PMID: PMC10519176
7. Ebert TJ, Fox CA. Competency-based education in anesthesiology: history and challenges. *Anesthesiology.* 2014 Jan;120(1):24-31.
8. Ellinas EH, Eastwood DC, Patel SN, Maitra-D'Cruze AM, Ebert TJ. The effect of obesity on neuraxial technique difficulty in pregnant patients: a prospective, observational study. *Anesth Analg.* 2009 Oct;109(4):1225-31.
9. Ebert TJ, Shankar H, Haake RM. Perioperative considerations for patients with morbid obesity. *Anesthesiol Clin.* 2006 Sep;24(3):621-36.
10. Ebert TJ, Ficke DJ, Arain SR, Holtz MN, Shankar H. Vasodilation from sufentanil in humans. *Anesth Analg.* 2005 Dec;101(6):1677-1680.
11. Arain SR, Barth CD, Shankar H, Ebert TJ. Choice of volatile anesthetic for the morbidly obese patient: sevoflurane or desflurane. *J Clin Anesth.* 2005 Sep;17(6):413-9.
12. Arain SR, Shankar H, Ebert TJ. Desflurane enhances reactivity during the use of the laryngeal mask airway. *Anesthesiology.* 2005 Sep;103(3):495-9.
13. Ebert TJ. Sympathetic and hemodynamic effects of moderate and deep sedation with propofol in humans. *Anesthesiology.* 2005 Jul;103(1):20-4.
14. Arain SR, Kern S, Ficke DJ, Ebert TJ. Variability of duration of action of neuromuscular-blocking drugs in elderly patients. *Acta Anaesthesiol Scand.* 2005 Mar;49(3):312-5.
15. Noseir RK, Ficke DJ, Kundu A, Arain SR, Ebert TJ. Sympathetic and vascular consequences from remifentanil in humans. *Anesth Analg.* 2003 Jun;96(6):1645-1650.
16. Arain SR, Ruehlw RM, Uhrich TD, Ebert TJ. The efficacy of dexmedetomidine versus morphine for postoperative analgesia after major inpatient surgery. *Anesth Analg.* 2004 Jan;98(1):153-158.
17. Conzen PF, Kharasch ED, Czerner SF, Artru AA, Reichle FM, Michalowski P, Rooke GA, Weiss BM, Ebert TJ. Low-flow sevoflurane compared with low-flow isoflurane anesthesia in patients with stable renal insufficiency. *Anesthesiology.* 2002 Sep;97(3):578-84.
18. Arain SR, Navani A, Ebert TJ. The effects of thiopental and generic and nongeneric propofol on respiratory

- resistance during anesthetic induction in patients with reactive airways. *J Clin Anesth*. 2002 Jun;14(4):257-61.
19. Arain SR, Ebert TJ. The efficacy, side effects, and recovery characteristics of dexmedetomidine versus propofol when used for intraoperative sedation. *Anesth Analg*. 2002 Aug;95(2):461-6, table of contents.
 20. Arain SR, Williams DJ, Robinson BJ, Uhrich TD, Ebert TJ. Vascular responsiveness to brachial artery infusions of phenylephrine during isoflurane and desflurane anesthesia. *Anesth Analg*. 2002 May;94(5):1137-40, table of contents.
 21. Mchaourab A, Arain SR, Ebert TJ. Lack of degradation of sevoflurane by a new carbon dioxide absorbent in humans. *Anesthesiology*. 2001 Jun;94(6):1007-9.
 22. Hall JE, Uhrich TD, Ebert TJ. Sedative, analgesic and cognitive effects of clonidine infusions in humans. *Br J Anaesth*. 2001 Jan;86(1):5-11.
 23. Ebert TJ, Arain SR. Renal responses to low-flow desflurane, sevoflurane, and propofol in patients. *Anesthesiology*. 2000 Dec;93(6):1401-6.
 24. Ibrahim AE, Ghoneim MM, Kharasch ED, Epstein RH, Groudy SB, Ebert TJ, Binstock WB, Philip BK, Sevoflurane Sedation Study Group. Speed of recovery and side-effect profile of sevoflurane sedation compared with midazolam. *Anesthesiology*. 2001 Jan;94(1):87-94.
 25. Ebert TJ, Trotier TS, Arain SR, Uhrich TD, Barney JA. High concentrations of isoflurane do not block the sympathetic nervous system activation from desflurane. *Can J Anaesth*. 2001 Feb;48(2):133-8.
 26. Lopatka CW, Muzi M, Ebert TJ. Propofol, but not etomidate, reduces desflurane-mediated sympathetic activation in humans. *Can J Anaesth*. 1999 Apr;46(4):342-7.
 27. Ebert TJ, Hall JE, Barney JA, Uhrich TD, Colino MD. The effects of increasing plasma concentrations of dexmedetomidine in humans. *Anesthesiology*. 2000 Aug;93(2):382-94.
 28. Goff MJ, Arain SR, Ficke DJ, Uhrich TD, Ebert TJ. Absence of bronchodilation during desflurane anesthesia: a comparison to sevoflurane and thiopental. *Anesthesiology*. 2000 Aug;93(2):404-8.
 29. Hall JE, Ebert TJ, Harmer M. Induction characteristics with 3% and 8% sevoflurane in adults: an evaluation of the second stage of anaesthesia and its haemodynamic consequences. *Anaesthesia*. 2000 Jun;55(6):545-50.
 30. Ebert TJ. Is gaining control of the autonomic nervous system important to our specialty? *Anesthesiology*. 1999 Mar;90(3):651-3.
 31. Ebert TJ, Robinson BJ, Uhrich TD, Mackenthun A, Pichotta PJ. Recovery from sevoflurane anesthesia: a comparison to isoflurane and propofol anesthesia. *Anesthesiology*. 1998 Dec;89(6):1524-31.
 32. Robinson BJ, Uhrich TD, Ebert TJ. A review of recovery from sevoflurane anaesthesia: comparisons with isoflurane and propofol including meta-analysis. *Acta Anaesthesiol Scand*. 1999 Feb;43(2):185-90.
 33. Hall JE, Uhrich TD, Barney JA, Arain SR, Ebert TJ. Sedative, amnestic, and analgesic properties of small-dose dexmedetomidine infusions. *Anesth Analg*. 2000 Mar;90(3):699-705.
 34. Ebert TJ, Frink EJ Jr, Kharasch ED. Absence of biochemical evidence for renal and hepatic dysfunction after 8 hours of 1.25 minimum alveolar concentration sevoflurane anesthesia in volunteers. *Anesthesiology*. 1998 Mar;88(3):601-10.
 35. Iyer RA, Frink EJ Jr, Ebert TJ, Anders MW. Cysteine conjugate beta-lyase-dependent metabolism of compound A (2-[fluoromethoxy]-1,1,3,3,3-pentafluoro-1-propene) in human subjects anesthetized with sevoflurane and in rats given compound A. *Anesthesiology*. 1998 Mar;88(3):611-8.
 36. Ebert TJ, Messana LD, Uhrich TD, Staacke TS. Absence of renal and hepatic toxicity after four hours of 1.25 minimum alveolar anesthetic concentration sevoflurane anesthesia in volunteers. *Anesth Analg*. 1998 Mar;86(3):662-7.
 37. Williamson JW, Muzi M, Ebert TJ. Unilateral carotid sinus stimulation and muscle sympathetic nerve activity in man. *Med Sci Sports Exerc*. 1996 Jul;28(7):815-21.
 38. Muzi M, Ebert TJ, Hope WG, Robinson BJ, Bell LB. Site(s) mediating sympathetic activation with desflurane. *Anesthesiology*. 1996 Oct;85(4):737-47.
 39. Muzi M, Robinson BJ, Ebert TJ, O'Brien TJ. Induction of anesthesia and tracheal intubation with sevoflurane in adults. *Anesthesiology*. 1996 Sep;85(3):536-43.
 40. Ebert TJ, Perez F, Uhrich TD, Deshur MA. Desflurane-mediated sympathetic activation occurs in humans despite preventing hypotension and baroreceptor unloading. *Anesthesiology*. 1998 May;88(5):1227-32.
 41. Ebert TJ, Kharasch ED, Rooke GA, Shroff A, Muzi M. Myocardial ischemia and adverse cardiac outcomes in cardiac patients undergoing noncardiac surgery with sevoflurane and isoflurane. Sevoflurane Ischemia Study Group. *Anesth Analg*. 1997 Nov;85(5):993-9.

42. Muzi M, Colinco MD, Robinson BJ, Ebert TJ. The effects of premedication on inhaled induction of anesthesia with sevoflurane. *Anesth Analg*. 1997 Nov;85(5):1143-8.
43. Robinson BJ, Ebert TJ, O'Brien TJ, Colinco MD, Muzi M. Mechanisms whereby propofol mediates peripheral vasodilation in humans. Sympathoinhibition or direct vascular relaxation? *Anesthesiology*. 1997 Jan;86(1):64-72.
44. Akbar AN, Muzi M, Lopatka CW, Ebert TJ. Neurocirculatory responses to intubation with either an endotracheal tube or laryngeal mask airway in humans. *J Clin Anesth*. 1996 May;8(3):194-7.
45. Yonker-Sell AE, Muzi M, Hope WG, Ebert TJ. Alfentanil modifies the neurocirculatory responses to desflurane. *Anesth Analg*. 1996 Jan;82(1):162-6.
46. Ebert TJ, Muzi M. Sympathetic hyperactivity during desflurane anesthesia in healthy volunteers. A comparison with isoflurane. *Anesthesiology*. 1993 Sep;79(3):444-53.
47. Morgan BJ, Denahan T, Ebert TJ. Neurocirculatory consequences of negative intrathoracic pressure vs. asphyxia during voluntary apnea. *J Appl Physiol* (1985). 1993 Jun;74(6):2969-75.
48. Ebert TJ, Muzi M. Propofol and autonomic reflex function in humans. *Anesth Analg*. 1994 Feb;78(2):369-75.
49. Sheldahl LM, Ebert TJ, Cox B, Tristani FE. Effect of aerobic training on baroreflex regulation of cardiac and sympathetic function. *J Appl Physiol* (1985). 1994 Jan;76(1):158-65.
50. Ebert TJ. Cardiovascular and autonomic effects of sevoflurane. *Acta Anaesthesiol Belg*. 1996;47(1):15-21.
51. Ebert TJ, Stowe DF. Neural and endothelial control of the peripheral circulation--implications for anesthesia: Part I. Neural control of the peripheral vasculature. *J Cardiothorac Vasc Anesth*. 1996 Jan;10(1):147-58.
52. Stowe DF, Ebert TJ. Neural and endothelial control of the peripheral circulation--implications for anesthesia: Part II, Endothelium-mediated effects in the normal and diseased circulation. *J Cardiothorac Vasc Anesth*. 1996 Jan;10(1):159-71.
53. Muzi M, Lopatka CW, Ebert TJ. Desflurane-mediated neurocirculatory activation in humans. Effects of concentration and rate of change on responses. *Anesthesiology*. 1996 May;84(5):1035-42.
54. Pacentine GG, Muzi M, Ebert TJ. Effects of fentanyl on sympathetic activation associated with the administration of desflurane. *Anesthesiology*. 1995 Apr;82(4):823-31.
55. Muzi M, Ebert TJ. A comparison of baroreflex sensitivity during isoflurane and desflurane anesthesia in humans. *Anesthesiology*. 1995 Apr;82(4):919-25.
56. Muzi M, Ebert TJ. A comparison of baroreflex sensitivity during isoflurane and desflurane anesthesia in humans. *Anesthesiology*. 1995 Apr;82(4):919-25.
57. Egan BM, Fleissner MJ, Stepniakowski K, Neahring JM, Sagar KB, Ebert TJ. Improved baroreflex sensitivity in elderly hypertensives on lisinopril is not explained by blood pressure reduction alone. *J Hypertens*. 1993 Oct;11(10):1113-20.
58. Muzi M, Ebert TJ. Randomized, prospective comparison of halothane, isoflurane, and enflurane on baroreflex control of heart rate in humans. *Adv Pharmacol*. 1994;31:379-87.
59. Muzi M, Ebert TJ. Randomized, prospective comparison of halothane, isoflurane, and enflurane on baroreflex control of heart rate in humans. *Adv Pharmacol*. 1994;31:379-87.
60. Devcic A, Muzi M, Ebert TJ. The effects of clonidine on desflurane-mediated sympathoexcitation in humans. *Anesth Analg*. 1995 Apr;80(4):773-9.
61. Ebert TJ, Muzi M. Sympathetic activation with desflurane in humans. *Adv Pharmacol*. 1994;31:369-78.
62. Ebert TJ, Muzi M, Lopatka CW. Neurocirculatory responses to sevoflurane in humans. A comparison to desflurane. *Anesthesiology*. 1995 Jul;83(1):88-95.
63. Ebert TJ, Harkin CP, Muzi M. Cardiovascular responses to sevoflurane: a review. *Anesth Analg*. 1995 Dec;81(6 Suppl):S11-22.
64. Ebert TJ, Hughes CV, Tristani FE, Barney JA, Smith JJ. Effect of age and coronary heart disease on the circulatory responses to graded lower body negative pressure. *Cardiovasc Res*. 1982 Nov;16(11):663-9.
65. Raczkowska M, Eckberg DL, Ebert TJ. Muscarinic cholinergic receptors modulate vagal cardiac responses in man. *J Auton Nerv Syst*. 1983;7(3-4):271-8.
66. Ebert TJ. Carotid baroreceptor reflex regulation of forearm vascular resistance in man. *J Physiol*. 1983 Apr;337:655-64. PMID: PMC1199130
67. Ebert TJ, Stowe DF, Barney JA, Kalbfleisch JH, Smith JJ. Summated circulatory responses of thermal and baroreflexes in humans. *J Appl Physiol Respir Environ Exerc Physiol*. 1982 Jan;52(1):184-9.
68. Ebert TJ, Eckberg DL, Vetrovec GM, Cowley MJ. Impedance cardiograms reliably estimate beat-by-beat changes of left ventricular stroke volume in humans. *Cardiovasc Res*. 1984 Jun;18(6):354-60.

69. Kochar MS, Ebert TJ, Kotrly KJ. Primary dysfunction of the afferent limb of the arterial baroreceptor reflex system in a patient with severe supine hypertension and orthostatic hypotension. *J Am Coll Cardiol.* 1984 Oct;4(4):802-5.
70. Kotrly KJ, Ebert TJ, Vucins E, Iglar FO, Barney JA, Kampine JP. Baroreceptor reflex control of heart rate during isoflurane anesthesia in humans. *Anesthesiology.* 1984 Mar;60(3):173-9.
71. Kotrly KJ, Ebert TJ, Vucins EJ, Roerig DL, Kampine JP. Baroreceptor reflex control of heart rate during morphine sulfate, diazepam, N₂O/O₂ anesthesia in humans. *Anesthesiology.* 1984 Nov;61(5):558-63.
72. Ebert TJ, Hayes JJ, Ceschi J, Kotrly KJ, van Brederode J, Smith JJ. Repetitive ramped neck suction: a quantitative test of human baroreceptor function. *Am J Physiol.* 1984 Dec;247(6 Pt 2):H1013-7.
73. Ebert TJ. Captopril potentiates chronotropic baroreflex responses to carotid stimuli in humans. *Hypertension.* 1985;7(4):602-6.
74. Ebert TJ, Kotrly KJ, Vucins EJ, Pattison CZ, Kampine JP. Halothane anesthesia attenuates cardiopulmonary baroreflex control of peripheral resistance in humans. *Anesthesiology.* 1985 Dec;63(6):668-74.
75. Muzi M, Ebert TJ, Tristani FE, Jeutter DC, Barney JA, Smith JJ. Determination of cardiac output using ensemble-averaged impedance cardiograms. *J Appl Physiol* (1985). 1985 Jan;58(1):200-5.
76. Kotrly KJ, Ebert TJ, Vucins EJ, Roerig DL, Stadnicka A, Kampine JP. Effects of fentanyl-diazepam-nitrous oxide anaesthesia on arterial baroreflex control of heart rate in man. *Br J Anaesth.* 1986 Apr;58(4):406-14.
77. Ebert TJ, Smith JJ, Barney JA, Merrill DC, Smith GK. The use of thoracic impedance for determining thoracic blood volume changes in man. *Aviat Space Environ Med.* 1986 Jan;57(1):49-53.
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Peer Reviewed Educational Products

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