***CURRICULUM VITAE***

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**NAME:**  **Christopher John O'Connor, M.D.**

**ADDRESS:**

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**PLACE OF BIRTH:** New York, New York

**CITIZENSHIP:** United States, Ireland

**EDUCATION:** Hobart College, Geneva, New York, B.S., cum laude, 1980

University of Rochester School of Medicine, Rochester, New York, M.D., 1984

# POSTDOCTORAL

**TRAINING:** Michael Reese Hospital and Medical Center, Chicago, Illinois, Medical Internship and Residency, 1984 - 1987

University of Chicago Hospitals, Chicago, Illinois, Infectious Disease Fellowship, 1987 - 1988

Massachusetts General Hospital, Boston, Massachusetts, Anesthesia Residency, 1988 - 1991

Massachusetts General Hospital, Boston, Massachusetts, Fellowship in Cardiac, Thoracic and Vascular Anesthesia, 1990 - 1991

**ACADEMIC**

**APPOINTMENTS:** Clinical Fellow in Anesthesia, Harvard Medical School, Boston, Massachusetts, 1990 - 1991

Instructor, Department of Anesthesiology, Rush Medical

College, Chicago, Illinois 1991 - 1992

Assistant Professor, Department of Anesthesiology, Rush Medical College, Chicago, Illinois, 1992 - 1998

Associate Professor, Department of Anesthesiology, Rush Medical College, Chicago, Illinois, 1998 – 2005

Professor, Department of Anesthesiology, Rush University Medical Center, Chicago, Illinois, 2005--present

**EXAMINATIONS:**

Diplomate, National Board of Medical Examiners, 1985

Diplomate, American Board of Internal Medicine, 1987

Diplomate, American Board of Anesthesiology, 1992

Certification, Perioperative Transesophageal Echocardiography, 1998

Recertification, American Board of Anesthesiology, 2003, 2009

Certificate, ASA Ultrasound-Guided Regional Anesthesia (UGRA) Education and Clinical Training Portfolio, 2015

Certificate, ASRA Point of Care Ultrasound Basic FATE Training, June 2019

**LICENSURE:** 1991, State of Illinois, 036-071696

**DEPARTMENTAL**

**COMMITTEES:**  Chairman, Clinical Coordinator Committee, 2006-2015

Admissions Committee

Advisory Committee

Chairman, Clinical Competency Committee, 2005-2015

Vice-Chairman, Curriculum Committee

Chairman, Morbidity and Mortality Committee, 1995-2014

Clinical Director OR Anesthesia Services, 2005-2015

Patient Safety Officer, 2005-2013

**HOSPITAL**

**COMMITTEES:**

Transfusion Committee, 1995 - 2005

Heart Transplant Quality Improvement Committee, 1997 - 2000

Chairman, Prophylactic Antibiotic Process Improvement Committee, 1998

Ad Hoc Committee on Perioperative Management of Patients Undergoing Bariatric Surgery, 2002

Infection Control Committee, 2003

Patient Safety Oversight Committee, 2004-6

Executive Committee, 2005-present

Surgical Process Improvement Committee, 2007-present

Medical Quality Assurance Committee, 2009-2013

**CURRENT**

**MEMBERSHIPS:**

International Anesthesia Research Society

American Society of Anesthesiologists

Chicago Medical Society

Illinois Society of Anesthesiologists

Illinois State Medical Society

Society of Cardiovascular Anesthesiologists

Anesthesia Patient Safety Foundation

American Society of Regional Anesthesia

Society for Airway Management

Society of Medical Entrepreneurs

American Academy of Insurance Medicine

Association of University Anesthesiologists

**AWARDS:**

New York State Regents Scholarship, 1981 - 1984

Dean's List, Hobart College, 1981 - 1984

B.S. cum laude, Hobart College, 1984

Alfred Pick Senior Medical Resident Award for Academic Excellence, 1987
Anesthesia Attending Teacher of the Year Award, Rush Medical College, 1993

Teaching Attending Physician of the Year Award, 1997

Society of Cardiovascular Anesthesiologists Research Foundation, Mentor Award 2013

Scholarship Award: *Invention Idea to Profitable Product*, IMUA Services, November 2016

**DEPARTMENTAL**

**POSITIONS:**

Vice-Chair for Clinical Affairs, 2015-present

Director, Cardiothoracic Anesthesia, 1996-2015

Director, Liver Transplant Anesthesia, 1992-2010

Departmental Patient Safety Officer, 2005-2013

Clinical Director, OR Anesthesia Services, 2006-2015

Trustee, Pension Retirement Fund, *University Anesthesiologists, SC,* 2005-present

**SCIENTIFIC AND SCHOLARLY**

**ACTIVITIES:** A. Editorial Consultant:

1. *Anesthesia & Analgesia* (1994-present)
2. *Journal of Cardiothoracic and Vascular Anesthesia* (1994-present)
3. *Journal of Clinical Anesthesia* (1994-2005)
4. *Critical Care Medicine* (1996-2000)
5. *Liver Transplantation* (2001-2006)
6. *Anesthesiology* (2000-2007)
7. Guest Editor, *Anesthesia & Analgesia (2001-2006)*
8. Section Editor, Ischemic Heart Disease: *The Cardiovascular & Thoracic Anesthesia Journal Club Journal* (1998)
9. Member, Education Committee, Society of Cardiovascular Anesthesiologists 1999-2001
10. Member, Publications Committee, Society of Cardiovascular Anesthesiologists, 2007-2010
11. Member, ASA Subcommittee on Critical Care, 2000-2001
12. Member, ASA Subcommittee on Clinical Circulation, 2000-2010
13. American Board of Anesthesiology, Written Board Question Writer, Junior Editor, 2007-2012
14. American Board of Anesthesiology, Written Board Question Writer, Senior Editor, 2012-present
15. American Board of Anesthesiology, Junior Oral Board Examiner, 2004-2014
16. American Board of Anesthesiology, Senior Oral Board Examiner, 2014-present
17. American Board of Anesthesiology, Part 2 Oral Exam question writer, 2015-present
18. American Board of Anesthesiology, Maintenance of Certification (MOCA) Senior Editor, January 2016-present
19. Member, Scientific Committee, Anesthesia Patient Safety Foundation 2000-2016
20. Abstract reviewer. *Society of Cardiovascular Anesthesiologists Annual Meeting*, May 2002 – 2015
21. Member, Program Committee, *Society of Cardiovascular Anesthesiologists Annual Meeting*, 2004 – 2006
22. Editor, Section of Cardiovascular Anesthesia, Current Opinion in Anesthesiology, 2009-2011
23. Member, Ad Hoc Task Force on Guidelines for Fiberoptic Confirmation of Double-Lumen Tube Placement, 2009-2010

**STATE AND NATIONAL**

**ACTIVITIES:** Delegate, District I, Illinois Society of Anesthesiologists,

 (1994-present)

**PEER REVIEWED PUBLICATIONS**

1. **O'Connor CJ**: Thoracic epidural analgesia: Applied physiology and clinical applications. *J Cardiothorac Vasc Anesth* 1993; 7(5): 596-609.
2. **O'Connor CJ**: Psychiatric illness, anesthesia and electroconvulsive therapy. *Curr Op Anesth 1993;* 6:582-588.
3. **O'Connor CJ,** March RJ: An unusual cardiac mass seen by intraoperative transesophageal echocardiography. *J Cardiothorac Vasc Anesth* 1995; 1:103-105.
4. Tuman KJ, McCarthy RJ, **O'Connor CJ**, Holm WE, Ivankovich AD: Angiotensin-converting enzyme inhibitors increase vasoconstrictor requirements after cardiopulmonary bypass. *Anesth Analg 1995; 80:473-479.*
5. **O’Connor CJ**, Rothenberg DM: Anesthetic considerations for descending thoracic aortic surgery. Part 1. *J Cardiothorac Vasc Anesth* 1995; 9:581-88.
6. **O’Connor CJ**, Rothenberg DM: Anesthetic considerations for descending thoracic aortic surgery. Part 2. *J Cardiothorac Vasc Anesth* 1995; 9:734-747.
7. **O’Connor CJ**, Rothenberg DM, Sobel JS, Macioch JE, McCarthy RJ, Neumann A, Tuman KJ: The effect of esmolol pretreatment on the incidence of regional wall motion abnormalities during electroconvulsive therapy. *Anesth Analg* 1996; 82:143-47.
8. **O’Connor CJ**: Acute Chest Trauma: The role of transesophageal echocardiography. *J Clin Anesthesia,* 1996; 8(7): 605-613.
9. **O’Connor CJ**, Najafi HN: Sudden death due to retrograde aortic dissection during repair of a descending thoracic aneurysm. *J Cardiothorac Vasc Anesth* 1996; 10(3) 380-384.
10. Tuman KJ, McCarthy RJ, **O’Connor CJ**, McCarthy W, Ivankovich AD: Aspirin does not increase allogeneic blood transfusion in reoperative coronary artery surgery. *Anesth Analg* 1996; 83:1178-84.
11. **O’Connor CJ**, Starck T, Goldin MD: Saccular outpouchings of an ascending aortic aneurysm: Transesophageal echocardiographic appearance. *J Am Soc Echocardiogr* 1997; 10: 745-8.
12. **O’Connor CJ**, McCarthy RJ, Tuman KJ, Barnes S: The effect of chronic renal failure on plasma aprotinin levels during cardiac surgery. *Anesth Analg* 1997; 85: 763-5.
13. Veeragandham R, Hamilton IN, **O'Connor CJ**, Rizzo V, Najafi H: Experience with antegrade bihemispheric cerebral perfusion in aortic arch operations. *Ann Thorac Surg* 1998; 66: 493-9.
14. **O'Connor CJ**, Brown D, Avramov M, Barnes S, Nath H, Tuman K: The impact of renal dysfunction on aprotinin pharmacokinetics during cardiopulmonary bypass. *Anesth Analg* 1999; 89(10): 1101-7.
15. McCarthy R, Tuman KT, **O'Connor CJ**, Ivankovich AD: Aprotinin pretreatment diminishes postischemic myocardial contractile dysfunction in dogs. *Anesth Analg*. 1999; 89(10): 1096-100.

16. **O'Connor CJ**: Pain relief and pulmonary complications after cardiac surgery. Editorial. *Critical Care Medicine* 1999; 27: 2314-5

17. Brown DV, **O'Connor CJ**: Hypotension after cardiopulmonary bypass. *J Cardiothoracic and Vasc Anesth 2000; 14(1): 97-99*.

18. **O'Connor CJ**, Roozeboom D, Brown R, Tuman KJ: Pulmonary thromboembolism and paradoxical embolization during liver transplantation. *Anesth & Analg* 2000; 91 (2): 296-299.

1. **O'Connor CJ**, Tuman KJ: Epidural anesthesia and analgesia for coronary artery bypass surgery: still forbidden territory? *Anesth Analg* 2001; 93: 513-525.
2. Cosar EO, **O'Connor CJ**: Hibernation, Stunning and Preconditioning: Historical Perspective, Current Concepts, Clinical Applications and Future Implications. *Sem Cardiothoracic Vasc Anesth* 2003; 7:115-140.
3. **O'Connor CJ**, March R, Tuman KJ: Severe myxedema after cardiopulmonary bypass. *Anesth Analg* 2003; 96: 62-64.
4. Mansy HA, **O’Connor CJ,** Balk RA, Sandler RH: Breath sound changes associated with malpositioned endotracheal tubes. *Med Biol Eng Comput*. Mar;43 (2):206-11, 2005.
5. **O’Connor CJ,** Mansy HA, Sandler RH: Detection of malpositioned endotracheal tubes with computerized breath analysis. *Anesth Analg* 2005 101: 735-739.
6. **O’Connor CJ,** O’Connor TA: The use of lighted stylets for insertion of double-lumen endobronchial tubes in patients with difficult airways. *J Clin Anesthesia,* 2006; 18:616-19*.*
7. **O’Connor CJ**, Tuman K: Anesthetic considerations for patients with pericardial tamponade. *Anesth Cl North Amer* 2010 Mar; 28(1):87-96.
8. **O’Connor CJ:** Endobronchial intubation. *Br Medical Journal* December 2010, p.1356-7.
9. **O'Connor CJ**: Book review: "Cardiovascular drugs in the perioperative period." *Anesth Analg* 2000; 91: 1315.

***Book Chapters:***

1. **O'Connor CJ**: Acute renal failure. Postoperative Critical Care of the Massachusetts General Hospital. Eds: W. Hoffman and J. Wasnick, Little, Brown and Company, Boston, MA, p.358-372, 1992.
2. **O'Connor CJ**: Acid-base disturbances. Postoperative Critical Care of the Massachusetts General Hospital. W. Hoffman and J. Wasnick, Little, Brown and Company, Boston, MA p. 373-387, 1992.
3. Braverman B, **O'Connor C**, and Barkin R: Pharmacology, physiology, and anesthetic implications of antidepressants. Pharmacology and Physiology in Anesthetic Practice-Update. Ed.: Stoelting RK, J.B. Lippincott, Philadelphia, PA 1(1): 1-15, 1993.
4. **O'Connor CJ**: Intraoperative Cardiac Arrest. *Anesth Clin North Am* 1995;13: 905-922.
5. Tuman KJ, **O’Connor CJ**: Cost containment in cardiac surgery. Manual of Cardiac Anesthesia. Ed: Thomas SJ. (In press).
6. Colombo J, **O'Connor CJ,** Tuman KJ: Perioperative hypertension and outcome. Anesthesiology Clinics of North America 1999; 17:581-593.
7. **O'Connor CJ:** Abdominal Aortic Aneurysm Repair. *In*: Complications of Anesthesia. Ed: Atlee J. Philadelphia, PA, WB Saunders, 1999: 397-401.
8. **O'Connor CJ**: Pulmonary Artery Catheterization. *In*: Instructions for Surgery Patients. Ed.: Economou SG, Economou TS. , Philadelphia, PA, WB Saunders, 1999: 513-515.
9. **O'Connor CJ**: Transesophageal Echocardiography. *In*: Instructions for Surgery Patients. Ed.: Economou SG, Economou TS. Philadelphia, PA, WB Saunders, 1999: 623-625.
10. **O'Connor CJ,** Tuman KJ: End-Stage Heart Failure and Cardiac Transplantation. *In* Atlas of Anesthesia, Vol VIII. Ed: JG Reves. Philadelphia, PA, Churchill Livingstone, 1999: 7.1-7.16.
11. **O'Connor CJ**: Thoracic and thoracoabdominal aortic aneurysm repair. Problems in Anesthesia1999; 11(2): 266-82.
12. **O'Connor CJ**: High Frequency Jet Ventilation. *In* General Thoracic Surgery, Shields T, Lociero J, Ponn R. eds., Lippincott Williams & Wilkins, Philadelphia, 2000; p 345-48.
13. **O’Connor CJ**, Tuman KJ: Anesthesia for Surgery of the Descending Thoracic Aorta. Anesthesia for Vascular Surgery. Ed: Wildsmith J, Bannister J, Arnold, London, UK, 2000, p.166-191.
14. **O'Connor CJ**: Thoracic Aortic Surgery*. In* Anesthesia for the Cardiac Patient, Ed. Troianos C, Mosby Inc. St. Louis, 2002, p. 393-436.
15. **O'Connor CJ**, Tuman KT: Anesthesia for Vascular Surgery*. In*: Anesthesia for the Cardiac Patient, Mosby Inc. St. Louis, 2002, p. 483-514.
16. Brown DV, **O'Connor CJ**, Tuman KJ: Emergencies Situations. *In*: Cardiac Anesthesia, 2nd Edition. Estafanous FG, Barash PG, Reves JG. Ed. Lippincott Williams & Wilkins, Philadelphia, 2001; p 857-93.
17. **O'Connor CJ**, Tuman KJ: Anesthesia for Carotid Artery Surgery. Refresher Courses in Anesthesiology. 2001; Vol 29; p 189-202.
18. **O'Connor CJ**: Spinal cord protection during descending thoracic aortic surgery. In: Advances in Anesthesia, 2003; 21:297-322.
19. **O'Connor CJ**,Tuman KJ: Anesthetic Considerations for Carotid Artery Surgery. In: Vascular Anesthesia, Second Edition. Ch. 10, p. 187-198. Kaplan J, Lake CL, Murray MJ, editors. Churchill Livingstone, Elsevier, Inc. Philadelphia, 2004.
20. **O'Connor CJ**, Rothenberg DM, Tuman KJ: Anesthesia and the hepatobiliary system. In: Anesthesia, 6th edition. Miller R. editor. Elsevier Science, Philadelphia 2005., pp: 1255-58.
21. **O’Connor CJ**: Abdominal Aortic Aneurysm Repair. In: Complications in Anesthesia, 2nd Edition, John L. Atlee, Editor, p.390-4. Saunders, Philadelphia, PA 2007.
22. Rothenberg DM, **O'Connor CJ,** Tuman KJ: Anesthesia and the hepatobiliary system. In: Anesthesia, 7h edition. Miller R. editor. Elsevier Science, Philadelphia 2009, pp. 1552-63.
23. Mitter N**, O'Connor CJ,** Tuman K**:** End-Stage Heart Failure and Cardiac Transplantation. *In* Atlas of Anesthesia, Vol VIII. Ed: JG Reves. 2nd Ed. Philadelphia, PA, Churchill Livingstone, 2008, in press.
24. **O’Connor CJ**: Neurologic complications of peripheral nerve block. In Clinical Cases in Anesthesiology – a Learning Guide. Eds. Shorten G, Dierdorf S, O’Connor CJ, Iohom G, Hogue C. Wolters-Kluwer, 2009.
25. **O’Connor CJ***:* Anesthetic considerations in bariatric surgery*. In:* Clinical Cases in Anesthesiology – a Learning Guide. Eds. Shorten G, Dierdorf S, O’Connor CJ, Iohom G, Hogue C.” Wolters-Kluwer, 2009.
26. **O’Connor CJ***:* Carotid endarterectomy vs. carotid artery stenting for the treatment of carotid stenosis*. In:* Clinical Cases in Anesthesiology – a Learning Guide. Eds. Shorten G, Dierdorf S, O’Connor CJ, Iohom G, Hogue C.” Wolters-Kluwer, 2009.
27. *Co-Editor:* Clinical Cases in Anesthesiology – a Learning Guide. Eds. Shorten G, Dierdorf S, **O’Connor CJ**, Iohom G, Hogue C.” Wolters-Kluwer, 2009.
28. Rothenberg DM, **O'Connor CJ,** Tuman KJ: Anesthesia and the hepatobiliary system. In: Anesthesia, 8h edition. Miller R. editor. Elsevier Science, Philadelphia in press.
29. Delacruz A, **O’Connor CJ:** Abdominal aortic aneurysm. In: Complications in Anesthesia . 2nd Ed. Fleischer L, Ed. Chap.29, p. 118-22.

***Abstracts:***

1. Tuman KJ, McCarthy RJ, **O'Connor CJ**, Holm WE, Ivankovich AD: Effects of angiotensin converting enzyme inhibitors on vasopressor requirements after

cardiopulmonary bypass. *Anesthesiology* 1993; 79(3A): A87.

2. **O'Connor CJ**, Barnes SD, Lolans V, Warren W, Ivankovich AD: Endothelin-1 does not mediate hypoxic pulmonary vasoconstriction during unilateral lung collapse and one-lung ventilation: *Anesthesiology* 1994; 81(3A): A122.

3. **O'Connor CJ**, Barnes SD, Roebuck K, Warren W, Ivankovich AD: Release of tumor necrosis factor after lung collapse and reinflation during one-lung ventilation. *Anesthesiology* 1994; 81(3A): A123.

4. **O'Connor CJ**, Rothenberg DM, Sobel JS, Macioch JE, McCarthy R, Neumann A: Regional wall motion abnormalities during electroconvulsive therapy: Effect of esmolol pretreatment. *Anesth Analg* 1995; 80:S352.

5. McCarthy R, **O’Connor CJ**, McCarthy W, Tuman KJ: Interaction of preoperative aspirin and heparin therapy on allogeneic blood requirements after repeat CABG. *Anesthesiology* 1995, 83(3A): A100.

6. **O’Connor CJ**, March RJ: Transmyocardial laser revascularization: Preliminary results and anesthetic management, *Anesth Analg* 1996; 82:5-340.

7. McCarthy RJ, **O’Connor CJ**, Klontz B, Tuman KJ, Ivankovich AD: Reoperative valve surgery: Preoperative assessment of risk factors, *Anesthesiology* 1996; 85(3A): A163.

8. **O’Connor CJ**, McCarthy RJ, McCarthy W, Tuman KJ, Ivankovich AD: Coronary artery bypass surgery in the 1990’s: Has outcome changed? *Anesthesiology* 1996; 85(3A) A164.

1. **O’Connor CJ**, Tuman KJ, McCarthy RJ, McCarthy W, Ivankovich AD: Multivariate predictors of bleeding and transfusion in reoperative CABG surgery. *Anesth Analg* 1997,84(S1): S114.
2. **O’Connor CJ,** Tuman KJ, Vender J, Bartlett R.: A comparison of the accuracy of cardiac output measurement using the Opti-Q SvO2/continuous cardiac output system vs bolus thermodilution. *Anesthesiology* 1997; 87: A450.

11. **O’Connor CJ,** McCarthy R, Tuman KJ, Barnes S: The effect of renal failure on plasma levels during cardiac surgery. *Anesthesiology* 1997; 87: A87.

12. **O'Connor CJ,** Brown DR, Barnes S, Avramov M, and White G: The impact of renal insufficiency on aprotinin pharmacokinetics during cardiac surgery. *Anesthesiology* 1998; A278.

13. **O'Connor CJ,** McCarthy R, Tuman KT: Does preoperative beta-blocker therapy reduce atrial fibrillation in the first 24 hours after coronary artery surgery? *Anesthesiology* 1999; 91: A120.

14. **O'Connor CJ,** McCarthy R, Tuman KT, Ivankovich AD: Supra vs. ventricular arrhythmias: Effect of temporal distribution on outcome after open-heart surgery. *Anesth Analg* 2000; 90: S77.

1. **O'Connor CJ,** Mansy HA, Balk RA, Sandler RH: Identification of endotracheal tube malposition using computerized analysis of breath sounds. *Anesth Analg* 2004; S-105.
2. O’Connor TA, **O’Connor CJ**: A new technique to reduce pain on injection of propofol. *Anesth Analg* S130, 2005.
3. **O’Connor CJ**, Nelson E, Akbar K, Tuman K: General anesthesia vs. sedation with local anesthesia for patients undergoing pericardial window surgery: impact on outcome. *Anesthesiology* S305, 2010.

***Other Publications:***

1. **O'Connor CJ**: Thoracic epidural analgesia. *Prog Anesth* 1992; 1:334-348
2. **O’Connor CJ**: Invited commentary on: Asymptomatic Cardiac Ischemia Pilot (ACIP) Study: Improvement of cardiac ischemia at one year after PTCA and CABG, Bourassa MG, et al. *Circulation* 995; 92:II-1-7. In: *Cardiovasc Thorac Anesth J Club J* 1996; 1:78-82.
3. **O'Connor CJ**: Invited commentary on: Early extubation after coronary artery bypass surgery reduces costs and improves resource use. Cheng DCH, et al. *Anesthesiology* 1996; 85: 1300-10. In: *Cardiovasc Thorac Anesth J Club J 1997; 2(2):* 1-3.
4. **O’Connor CJ**: Invited commentary on: Patient characteristics, safety, and benefits of same-day admission for coronary artery bypass grafting, Arom KV, et al. *Ann Thorac Surg* 1996; 61:1136-40. In: *Cardiovasc Thorac Anesth J Club J* 1997; 1:229-231.
5. **O'Connor CJ**: Aprotinin should not be routinely used during deep hypothermic circulatory arrest: con. *Society of Cardiovascular Anesthesiologists Newsletter,* May 2000.
6. **O’Connor CJ**: Praying with Patients Before Surgery. <https://opmed.doximity.com/prying-with-your-patients-before-surgery-f6f94db5b177>.
7. O’Connor CJ: Myths in anesthesia: do redheads have special needs. <https://opmed.doximity.com/articles/myths-in-anesthesiology-do-redheads-have-special-needs>. June 19, 2019.

***Correspondence:***

1. **O'Connor CJ**: Vancomycin and the Red-Man Syndrome. *J Cardiothorac**Vasc Anesth* 1991; 5:197.

2. **O'Connor CJ**: Pacemakers and ESWL. *Anesth Analg* 1993; 76:206.

3. Nerad JL, **O'Connor CJ**: Further applications for EMLA® cream. *Anesth Analg* 1994; 79:814.

1. Parker BM, Irefin SA, **O'Connor CJ**, Tuman KJ: Antifibrinolytic therapy and pulmonary thromboembolism during orthotopic liver transplantation. *Anesth Analg* 2001; 92:559- 560.
2. **O’Connor CJ**: Nerve Injury after Peripheral Nerve Block. *ASRA Newsletter*, Spring 2007

***Invited Lectures:***

1. *Anesthesia, Awareness and Recall*, Grand Rounds, August 15, 1991, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois.

2. *Postoperative Care of the Chronic Pulmonary Patient*, Midwest Anesthesia and Postanesthesia Care Conference, May 13, 1993, Chicago, Illinois.

3. *Anesthesia for Liver Transplantation*, American Society of Anesthesiologists Annual Meeting, October 13, 1993, Washington, DC

4. *Anesthetic Management for Thoracic Surgery*, Illinois Society of Anesthesiologists Fall Meeting, November, 1993 – Moderator.

5. *Carotid Endarterectomy: Anesthetic Considerations,* Illinois Society of Anesthesiologists Fall Meeting, November 3, 1994.

6. *Chest Trauma: The Role of Transesophageal Echocardiography*, International Trauma Anesthesia Society, Chicago, December 16, 1994.

7. *Sudden Death Due to Retrograde Aortic Dissection during Repair of a Descending Thoracic Aortic Aneurysm*, Midwest Anesthesia Conference, May 19, 1995, Chicago, Illinois.

8. *Methods of Maintaining Distal Perfusion during Descending Thoracic Aortic Surgery*, American Society of Anesthesiologists Annual Meeting, October 25, 1995, Atlanta, Georgia.

9. *Cardiopulmonary Bypass and Renal, Pulmonary, and Cerebral Functions*. Invited discussant, American Society of Anesthesiologists Annual Meeting, October 26, 1995, Atlanta, Georgia.

10. *Tracheoplastic and Bronchoplastic Procedures: Anesthetic Considerations*. American College of Surgeons Meeting, October 28, 1995, New Orleans, Louisiana.

11. *Anesthetic Considerations for Volume Reduction Surgery.* Surgical Symposium on Volume Reduction Surgery, November 11, 1995, Chicago, Illinois.

12. *Anesthesia for Carotid Endarterectomy,* Midwest Clinical Conference, January 20, 1996, Chicago, Illinois.

13. *Major Airway Surgery: Anesthetic Considerations and Ventilatory Management.* Grand Rounds, Beth Israel Hospital, February 14, 1996, Boston, Massachusetts.

1. *Aprotinin, Liver Transplantation and Renal Insufficiency*. Invited Speaker, Bayer Pharmaceuticals, October 26, 1996, Chicago, Illinois.
2. *Monitoring Myocardial Function: 2-D Echocardiography*. Midwest Anesthesia Conference, May 4, 1997, Chicago, IL.
3. *Transesophageal Echocardiography in the Intensive Care Unit.* American Society of Critical Care Anesthesiologists Review Course, August 30, 1997, Chicago, IL.
4. *Distal Perfusion during Descending Thoracic Aortic Surgery.* 16th Annual Symposium, Clinical Update in Anesthesiology and Advances in Techniques of Cardiopulmonary Bypass, January 21, 1998, Puerto Rico.
5. *Intraoperative Management of Descending Thoracic Aortic Surgery*: *Impact on Organ Function and Outcome*. 7th Annual Hot Topics in Cardiology Meeting, February 22, 1998, Hidden Valley, PA.
6. *Current Perspectives on Cardiac Transplantation*. American Society of Anesthesiologists Annual Meeting, October 20, 1998, Orlando, FL.
7. *Spinal Cord Injury During Descending Thoracic Aortic Surgery.* 17th Annual Symposium, Clinical Update in Anesthesiology and Advances in Techniques of Cardiopulmonary Bypass, January 16, 1999, St. Thomas, U.S.V.I.
8. *Heart Transplantation: Current Controversies in Intraoperative Management.* 18th Annual Symposium, Clinical Update in Anesthesiology and Advances in Cardiopulmonary Bypass, January 19, 2000, Acapulco, Mexico.
9. *Spinal Cord Protection during Descending Thoracic Aortic Surgery*. Problem-Based Learning Discussion, Society of Cardiovascular Anesthesiologists Annual Meeting. May 2000, Orlando, FL.
10. *Clinical Update on Cardiac Transplantation*. 7th Annual World Congress of Nurse Anesthetists, August 2000, Chicago, IL.
11. *Thoracic Aortic Surgery: Anesthetic Management and Surgical Controversies*. 7th Annual World Congress of Nurse Anesthetists, August 2000, Chicago, IL.
12. *Surgical Options for End-Stage Heart Failure*. American Society of Anesthesiologists Annual Meeting, October 17, 2000, San Francisco, CA.
13. *Transmyocardial Laser Revascularization: Anesthetic Management.* Center of Excellence Lecture Series. Rush Medical College. March 9, 2001, Chicago, IL.
14. *Surgical Options for End-Stage Heart Failure*. Illinois State Perfusion Society Spring Meeting. Rush University, April 28, 2001, Chicago, IL.
15. *Anesthetic Considerations for Descending Thoracic Aortic Surgery.* Society of Cardiovascular Anesthesiologists Annual Meeting. May 5-9, 2001, Vancouver, BC.
16. *Spinal Cord Protection during Descending Thoracic Aortic Surgery.* Problem-Based Learning Discussion, Society of Cardiovascular Anesthesiologists Annual Meeting, May 5-9, 2001, Vancouver, BC.
17. *Videoanalysis of Endotracheal Intubation Using the Intubating Laryngeal Mask Airway*, International Anesthesia Research Society Meeting, San Diego, CA, March 2002.
18. *Anesthetic Considerations for Descending Thoracic Aortic Surgery*. Grand Rounds, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL, March 12, 2003.
19. *Visceral Protection and Vascular Surgery*. Society of Cardiovascular Anesthesiologists 25th Annual Meeting, Miami, FL, April 25, 2003.
20. *Cardiovascular Clinical Forum*, Moderator, 2004 ASA Meeting, Oct. 26, 2004, Las Vegas, NV
21. *Cardiovascular Poster Discussion Session*, Moderator, 2004 ASA Meeting, Oct. 23, 2004, Las Vegas, NV
22. *Thoracic Aortic Aneurysm Repair,* University of Chicago Winter Meeting, December 3, 2004, Chicago, IL
23. *Thoracic Anesthesia Session,* Moderator, 2005 SCA Annual Meeting, Baltimore, MD, April 2005
24. *Thoracic Anesthesia Hands-on Workshop,* Panel Discussant, 2005 SCA Annual Meeting, Baltimore, MD, April 2005
25. *Moderator, Cardiovascular Poster Discussion,* 2005 ASA Meeting, Atlanta
26. *Moderator, Clinical Circulation Poster Session,*  ASA Meeting 2005, Atlanta
27. *Moderator, Panel Discussion,* Cardiac Anesthesia, University of Chicago Annual December meeting, Chicago, IL, December 2-4, 2005
28. *Moderator, Vascular Session III: Aortic Stents.* Society of Cardiovascular Anesthesiologists 29th Annual Meeting, May 3, San Diego, CA, 2006
29. *Nerve Injury after Peripheral Nerve Block*, Grand Rounds, Department of Anesthesiology, Rush University Medical Center, Chicago, IL., January 2007.
30. *Current Trends in Cardiovascular Anesthesia:* Midwest Anesthesia Conference, Chicago, IL, November 2008.
31. *Cardiac Anesthesia in 2009****:*** Grand Rounds, Rush University Medical Center, Chicago, IL, February 2009.
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33. *Cognitive Errors in Anesthesia*. Grand Rounds, Rush University Medical Center, Chicago, IL. November 5th, 2014.
34. *Invited Attendee:* Anesthesia Patient Safety Foundation: *Technology and Safety in Anesthesia.* Sept 17th-19th, 2013, Phoenix, AZ
35. Mazur F, **O’Connor CJ**: Pulmonary mucormycosis: anesthetic considerations. *Midwest Anesthesia Residents Conference*, April 5th, 2014, Chicago, IL.
36. Wahood A, **CJ O’Connor**: Aorto-to-right atrial fistula: surgical management. *Midwest Anesthesia Residents Conference*, April 5th, 2014, Chicago, IL.
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39. McGrath J, **O’Connor CJ***: Combined thyroidectomy, neck dissection, and tracheal resection: airway management challenges*. Medically Challenging Cases. American Society of Anesthesiologists Annual Meeting, October 25th, 2015.

**GRANTS**

* 1. Consultant: "Device for pneumothorax diagnosis using breath sounds" NIH Grant #: R21 EB003286-01 2012-current
	2. Co-Investigator: Software analysis of X-Ray images to detect retained objects during surgery. Rush University Grant, Fall 2014

**Patents**

1. Provisional patent: Safe Syringe Holder, U.S. Patent Application No. 62/530,450, July, 2017