

Curriculum Vitae

Name: James Michael Berry
Title: Professor and Vice-Chair,
Department of Anesthesiology

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Education

06/1976 - 07/1980 B.A. in Chemistry/Biochemistry, Rice University, Houston, Texas
07/1980 - 06/1984 M.D. in Medicine, University of Texas Medical School, Houston, Texas

Training

07/1984 - Internship in Transitional from St. Joseph Hospital, Houston, Texas
06/1985
07/1985 - Fellowship in Biophysics from University of Houston, Houston, Texas
12/1986
01/1987 - Residency in Anesthesiology from University of Texas, Houston, Texas
06/1989
07/1989 - Chief Resident in Anesthesiology from University of Texas, Houston, Texas
12/1989
01/1990 - Fellowship in Anaesthetics (Honorary Clinical Research Fellow) from St.
03/1990 Thomas' Hospital, London, England
04/1990 - Fellowship in Anaesthetics (Honorary Registrar) from Guy's Hospital, London,
06/1990 England
05/1991 - Training in Diving Medicine from NOAA, Seattle, Washington
05/1991
01/2002 - Executive MBA Certificate Program from University of Houston, Houston,
12/2002 Texas

Licensure and Certification

1983 - Present FAA, Commercial pilot - multiengine, instrument
1990 - Present PADI, Master Scuba Diver

04/2004 – Present FCC, Radio Amateur Extra Class, United States

04/2014 – Present FCC, Commercial radio/GMDSS operator/maintainer United States

05/1991 - Present Board certification, American Board of Anesthesiology; Diplomate (#19111)

01/2000 - 01/2020 Board certification, American Board of Preventive Medicine (Undersea and Hyperbaric Medicine) (01043)

07/2003 - 01/2019 Medical, Missouri Medical License (2004007488)

09/2003 - 11/2018 Medical, Tennessee Medical License (37864)

06/1985 - 11/2018 Medical, Texas Medical License (#G7999)

01/2000 - 06/2019 Medical, Mississippi Medical License of Mississippi (#16964)

11/2015 - 11/2018 Medical, Georgia Medical License (75140)

05/2016 - 11/2018 Medical, North Carolina Medical License (2016-00917)

Academic Appointments

07/1989 - 12/1989 Clinical Instructor, University of Texas Medical School (Houston, Texas)

07/1990 - 09/1997 Assistant Professor, Anesthesiology, University of Texas Medical School (Houston, Texas)

07/1997 - 08/2000 Associate Professor, Anesthesiology and Neurosurgery, University of Texas Medical School (Houston, Texas)

08/2000 - 06/2002 Adjunct Associate Professor, Anesthesiology and Neurosurgery, University of Texas Medical School (Houston, Texas)

10/2000 - 07/2003 Professor, Anesthesiology, University of Mississippi Medical School (Jackson, Mississippi)

09/2002 - 09/2008 Professor, Vanderbilt University (Nashville, Tennessee)

04/2004 - 04/2015 Division Chief, Multispecialty (Adult) Anesthesia, Anesthesiology, Vanderbilt University Medical Center (Nashville, Tennessee)

07/2008 – 07/2016 Professor of Anesthesiology, Vanderbilt University (Nashville, Tennessee)

Hospital Appointments

09/1985 - Physician, MacGregor Medical Associates (Houston, Texas)
12/1986

07/1990 - Provisional Medical Staff, Hermann Hospital (Houston, Tennessee)
06/1993

07/1990 - Founder and Medical Director, Hermann Center for Hyperbaric Medicine
06/1993 (Houston, Texas)

07/1993 - Active Medical Staff, Harris County Hospital District (Houston, Texas)
08/2000

07/1993 - Active Medical Staff, Hermann Hospital (Houston, Texas)
08/1995

07/1993 - OR Assistant Medical Director, Operating Rooms, Hermann Hospital (Houston,
08/1995 Texas)

07/1995 - Active Medical Staff, Anesthesiology, Memorial Healthcare Systems (Houston,
08/2000 Texas)

07/1996 - Director, Trauma Anesthesia Service, Memorial Hermann Hospital (Houston,
08/2000 Texas)

07/1997 - Director, Neurosurgical Anesthesia Service, Memorial Hermann Hospital
08/2000 (Houston, Texas)

10/2000 - Active Teaching Staff, University Hospitals and Clinics (Jackson, Mississippi)
07/2003

10/2003 - Staff Anesthesiologist, Anesthesiology, Vanderbilt University Medical Center
07/2016 (Nashville, Tennessee)

01/2004 - Medical Director, Main Operating Rooms, Anesthesiology, Vanderbilt
01/2010 University Medical Center (Nashville, Tennessee)

10-2016 - Active Medical Staff, University Hospitals (Dallas, Texas)
Present

10-2016 - Active Medical Staff, Parkland Hospital (Dallas, Texas)
Present

Other Work Experience

07/1992 - Director, Residency Training, University of Texas Medical School (Houston,
06/1996 Texas)

01/2005 - Director, Perioperative Clinical Research Institute, Department of Anesthesiology,
06/2012 Vanderbilt University Medical Center (Nashville, Tennessee)

04/2016 - Interim Department Head, Anesthesiology, Mission Health System (Asheville,
08/2016 North Carolina)

Professional Organizations

1984 - 2000 Texas Medical Association
1984 - 2000 Harris County Medical Society
1987 - Present American Society of Anesthesiologists
1987 - 2000 & Texas Society of Anesthesiologists

2016 - Present
 1990 - 1996 Gulf Coast Anesthesiology Society
 1991 - Present Undersea and Hyperbaric Medical Society
 1993 - 1999 Aerospace Medical Association
 1995 - 2001 International Trauma Anesthesia and Critical Care Society
 1996 - 2000 North American Hyperthermia Society
 2000 - 2003 Mississippi Society of Anesthesiologists
 2003- 2016 Tennessee Society of Anesthesiologists

Professional Activities

Intramural

2004 - Present Division Directors Committee, Anesthesiology, Participant
 2004 - Present Research Executive Committee, Anesthesiology, Participant
 2004 - 2006 Advisory Committee on Pain Management, Anesthesiology, Participant
 2004 - 2008 Executive Committee, Anesthesiology, Participant
 2004 - 2009 Vigilance Committee, Anesthesiology, Participant
 2004 - 2009 Perioperative Enterprise Committee, Anesthesiology, Participant
 2004 - 2010 OR Medical Directors Committee, Anesthesiology, Chair
 2004 - 2012 Clinical Affairs Committee, Anesthesiology, Participant
 2008 - 2008 Search Committee for Otolaryngology Chair, Medical Education : Participant
 2008 - 2008 Search Committee for Orthopaedics Chair, Medical Education : Participant
 2009 - 06/2012 Vanderbilt Anesthesiology Clinical Research Advisory Committee, Anesthesiology, Chair
 07/2009 - Faculty Appointments and Promotions Committee, Medical Education :
 06/2011 Participant
 10/2013 - Faculty Advisory Committee, Center for Technology Transfer and
 Present Commercialization, member

Extramural

1993 - 1994 Annual Meeting Committee on Drug Disposition and Anesthetic Action, American Society of Anesthesiologists, Participant
 2000 - 2003 Committee on Self-Education and Evaluation, American Society of Anesthesiologists, Participant
 2003 - 2014 Associate Board Examiner, American Board of Anesthesiology, Oral Examiner
 2003 - 2011 Reviewer for Undersea and Hyperbaric Medicine
 2003 - Present Reviewer for Anesthesiology, Journal of the American Society of Anesthesiologists
 10/2011 - Environmental Task Force, American Society of Anesthesiologists, Member
 Present

01/2012 - Associate Editor for Undersea and Hyperbaric Medicine
Present

10/2012 - Committee on Equipment and Facilities, American Society of Anesthesiologists
10/2015

10/2013 - Sustainability Committee, Association for the Advancement of Medical
Present Instrumentation, member

01/2014 - Anesthesia Equipment Experts, American Society of Anesthesiologists, member,
Present FDA Advisory Panel

2015 - 2018 Full Board Examiner, American Board of Anesthesiology, Oral Examiner

03/2015 - Section Editor for Anesthesiology - Mind to Mind
Present

Teaching Activities

2004 - Present Boot Camp: Monitoring in Anesthesiology

2006 - Present Mock Oral Examination

2008 - Present TEE for non-cardiac anesthesia: Physics of TEE

07/2011 - 2017 US Army Special Forces Clinical rotation Course coordinator, VUH Operating
Rooms

01/2013 - 2013 Physics module organizer VUMC

01/2015 - Innovation & Entrepreneurship: Medical Device Development, Primary
01/2015 presenter, Department

Research Supervision / Mentorship

2008 – Brian Rothman, MD, M.D. VUMC, Current Position: Director of Perioperative
2016 Informatics. (Faculty, General Mentorship)

2010 – Scott Hoffman, MD, M.D. Current Position: Medical Director, Main Operating
2016 Rooms. (Faculty, General Mentorship)

2017-2018 Tiffany Mood, MD (Faculty, General Mentorship)

Other Significant Activities

09/2006 Anesthetic Gas Reclamation, LLC: Founder of first US company to recover and reuse
volatile anesthetics (potent greenhouse gases)

05/2013 NSF Ad-hoc Grant Reviewer: Review for CBET - Environmental sustainability

Grants and Funding

Grant number unavailable 1991 - 1992
Hoffman-LaRoche Laboratories
A Multicenter Study to Assess Patient Benefits Following Postoperative Administration of
Flumazenil in Inpatients Following General Anesthesia
Role: Co-Principal Investigator

Total Cost: \$41,600.00

Grant number unavailable

1991 - 1992

Rhône Poulenc Rorer

Effect of Intravenous RG-12915 in the Treatment of Postoperative Nausea and Vomiting: A Randomized, Double-Blind, Placebo-Controlled, Phase II Trial

Role: Co-Principal Investigator

Total Cost: \$232,500.00

Grant number unavailable

1992 - 1993

Abbott Laboratories

A Phase III, Multicenter, Open-Label, Randomized Comparative Study Evaluating the Use of Sevoflurane Versus Isoflurane in the Maintenance of Anesthesia in Elderly, ASA Class I, II and III Outpatients

Role: Co-Principal Investigator

Total Cost: \$100,000.00

Grant number unavailable

1993 - 1994

Abbott Laboratories

A Phase III, Multicenter, Open-Label, Randomized, Comparative Study Evaluating the Effect of Sevoflurane Versus Isoflurane in Adult ASA Class II, III and IV Inpatients Who Are at Risk for Myocardial Ischemia and are Undergoing Elective Non-Cardiac Surgery

Role: Co-Principal Investigator

Total Cost: \$125,000.00

Grant number unavailable

1994 - 1997

Hoffman-LaRoche

A Prospective, Randomized, Double-Blind Study to Evaluate the Use of a Combination of Bolus IV Midazolam and Continuous Infusion of Propofol in Outpatient Diagnostic Surgical Procedures

Role: Principal Investigator

Total Cost: \$16,420.00

Grant number unavailable

1995 - 1997

Enthermics Medical Systems, Inc

Clinical Evaluation of Hypothermic Patient Rewarming Performance Using the ENTHERMICS TRU-5000 Thermal Recovery Radiant Heating Unit

Role: Principal Investigator

Total Cost: \$5,220.00

Grant number unavailable

1999 - 2000

Johnson Spaceflight Center / Hermann Center for Industrial, Aerospace, and Environmental Medicine Cooperative Agreement

Prebreathe Reduction Protocol

Role: Consultant

Grant number unavailable

2001 - 2002

Gaymar Industries

The Temp Control Suit: An Evaluation Survey

Role: Principal Investigator

Total Cost: \$11,130.00

Grant number unavailable

2006 - 2007

Helsinn Healthcare SA

A randomized, double-blind, multicenter, parallel group, balanced, stratified, phase 3 study to evaluate the efficacy and the safety of single iv doses of palonosetron 0.025 mg, 0.050 mg, and 0.075 mg versus placebo in outpatients to prevent postoperativ

Role: Principal Investigator

Total Cost: \$55,572.00

Grant number unavailable

2006 - 2007

Organon Pharmaceuticals USA, Inc.

A multicenter, open label, phase IIIa trial to evaluate the efficacy and safety of Org 25969 when used at the end of surgical procedure to reverse the neuromuscular block induced by rocuronium following routine anesthesia.

Role: Principal Investigator

Total Cost: \$59,337.00

Grant number unavailable

2006 - 2007

Organon Pharmaceuticals USA, Inc.

A multicenter, randomized, parallel group, comparative, active controlled, safety assessor blinded, phase IIIa, pivotal trial in adult subjects comparing Org 25969 with neostigmine as reversal agent of a neuromuscular block induced by maintenance dosing

Role: Principal Investigator

Total Cost: \$89,019.00

Grant number unavailable

2006 - 2007

MGI Pharmaceutical, Inc.

A phase II, randomized, open-label study to examine the safety and efficacy of Aquavan injection for sedation of patients requiring intubation and mechanical ventilation in the intensive care unit setting.

Role: Principal Investigator

Total Cost: \$41,650.00

R331333-PAI-3001

2007 - 2008

Johnson & Johnson

A randomized, double-blind, active- and placebo-controlled, parallel-group, multicenter study to evaluate the efficacy and safety of multiple doses of CG5503 immediate-release formulation in the treatment of acute pain from total hip replacement surgery.

Role: Principal Investigator

Total Cost: \$72,768.00

R331333-PAI-3002

2007 - 2008

Johnson & Johnson

A randomized, double-blind, active- and placebo-controlled, parallel-group, multicenter study to evaluate the efficacy and safety of multiple doses of CG5503 immediate-release formulation in subjects awaiting primary joint replacement surgery for end-sta

Role: Principal Investigator

Total Cost: \$62,120.00

Grant number unavailable

2008 - 2009

Nihon-Kohden

Development of intelligent alerting systems and wireless telemetry of post-surgical patients with development of outcomes predictors.

Role: Principal Investigator

Total Cost: \$250,000.00

W81XWH-10-1-1047

09/2010 - 09/2013

DOD - TATRC

Wireless monitoring to improve outcomes in hospitalized patients

Role: Co-Principal Investigator

Total Cost: \$1,200,000.00

Honors / Awards

- 1983 Alpha Omega Alpha Honor Medical Society (Life Member), AOA
- 1989 Chief Resident, Department of Anesthesiology, University of Texas - Houston Medical School
- 1991 Outstanding Clinical Instructor, Department of Anesthesiology, University of Texas - Houston Medical School
- 1992 Outstanding Clinical Instructor, Department of Anesthesiology University of Texas - Houston Medical School
- 1992 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 1993 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 1994 Perry P. Volpitta "Crystal Award" and Visiting Professorship, Medical College of Georgia, Augusta, Georgia
- 1994 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 1995 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School

- 1995 Visiting Professorship, Rush Presbyterian-St. Luke's Medical Center, Chicago, Illinois
- 1996 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 1997 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 1998 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 1999 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 2000 Dean's Excellence in Teaching Award, University of Texas - Houston Medical School
- 2001 Teacher of the Year, Department of Anesthesiology, University of Mississippi Medical Center
- 2002 Teacher of the Year, Department of Anesthesiology, University of Mississippi Medical Center
- 2006 Perioperative Innovation Award, Vanderbilt University Medical Center
- 2007 Perioperative Innovation Award, Vanderbilt University Medical Center

Patents & Copyrights

- 2016 System for Dynamic Control of Medical Vacuum. Berry JM, Morris S. (Pending, 20160317725)
- 11/10/1998 Auxiliary lens attachment for an optical device. James Berry. (5,835,289)
- 05/04/2004 System for removal of halocarbon from waste anesthetic gases. James Berry. (6,729,329)
- 09/29/2005 System zum Entfernen von Halogenkohlenwasserstoffgas aus Anästhesieabfallgasen. James Berry. ((Germany) DE10234429B4)
- 05/11/2006 Method and apparatus for anesthetic gas reclamation. James Berry. international patents issued in China, Australia, South Africa, Korea, Japan. (WO06124578A2)
- 10/06/2009 Anesthetic gas reclamation system and method. James Berry. (7,596,965)
- 12/08/2009 Method of low flow anesthetic gas scavenging and dynamic collection apparatus therefore. James Berry. (7,628,034)
- 01/12/2010 Method and apparatus for self-contained anesthetic gas reclamation. James Berry. (7,644,594)
- 03/02/2010 Method and apparatus for anesthetic gas reclamation with compression stage. James Berry. (7,669,438)

Publications

Peer Reviewed Publications

Research Articles

1. Oro J, **Berry JM**. Comets and life. Adv Space Res 1987; 7(5) PMID: 11538218.
2. Khalil, SN, **Berry, JM**, Howard, G, Lawson, K, Hanis, C, Mazow, ML, Stanley, TH. The antiemetic effect of lorazepam after outpatient strabismus surgery in children. Anesthesiology 1992; 77(5) PMID: 1443746.
3. Clinton GL, Allen S, **Berry J**, Koch S. Systemic hypothermia in treatment of brain injury. Journal of Neuro Trauma 1992; Suppl 2(9).

4. **Berry JM**, Bartkowski RR, Bikhazi GB, Richter JJ, Chelly JE. On postoperative use of flumazenil: Multicenter assessment of benefit to inpatients after general anesthesia. Cur. Ther. Res. 1993; 53.
5. Clifton GL, Allen S, Barrodale P, Plenger P, **Berry J**, Koch S, Fletcher J, Hayes RL, Choi CC. A phase II study of moderate hypothermia in severe brain injury. J Neuro Trauma 1993; 10:263-271
6. **Berry, JM**, Michalsen, A, Nagle, V, Bull, JM. The use of esmolol in whole-body hyperthermia: cardiovascular effects. Int J Hyperthermia 1997; 13:261-268. PMID: 9222810.
7. **Berry, JM**, Doursout, MF, Butler, BD. Effects of hyperbaric hyperoxia on cardiac and regional hemodynamics in conscious dogs. Aviat Space Environ Med 1998; 69:761-765. PMID: 9715964.
8. Franzini, L, **Berry, JM**. A cost-construction model to assess the total cost of an anesthesiology residency program. Anesthesiology 1999; 90:257-268. PMID: 9915335.
9. Pivalizza E, **Berry J**, Bull JMC. The effects of intentional hyperthermia on the thromboelastograph and the sonoclot analyzer. . Int J Hyperthermia 1999; 15:217-223.
10. Szmuk, P, Rabb, MF, Baumgartner, JE, **Berry, JM**, Sessler, AM, Sessler, DI. Body morphology and the speed of cutaneous rewarming. Anesthesiology 2001; 95:18-21. PMID: 11465556.
11. Michaels DR, Nelson D, Card E, Jeskey M, Lancaster LJ Jr, **Berry JM**. Recognizing changes in patient condition on a postsurgical unit. Nursing management 2009 Feb;40(2):49-51. PMID: 19194251.
12. Bowens C, Gupta RK, O'Byrne WT, Schildcrout JS, Shi Y, Hawkins JJ, Michaels DR, **Berry JM**. Selective local anesthetic placement using ultrasound guidance and neurostimulation for infraclavicular brachial plexus block. Anesthesia and Analgesia 2010 May;110:1480-1485. PMID: 20418309.
13. Michaels DR, Nelson D, Card E, Jeskey M, Lancaster LJ, **Berry JM**. Combining rapid response with monitoring. Nursing 2009; 4S:20-23.
14. Lemmens HJM, El-Orbany MI, **Berry J**, Ben Morte J, Martin G. Reversal of profound vecuronium-induced neuromuscular block under sevoflurane anesthesia: sugammadex versus neostigmine. BMC Anesthesiology 2010 Sep;10:15. PMID: 20809967.
15. Hyman SA, Michaels DR, **Berry JM**, Schildcrout JS, Mercaldo ND, Weinger MB. Risk of burnout in perioperative clinicians: A survey study and literature review. Anesthesiology 2011 Jan;114:194-204.
16. Sabo D, Jones RK, **Berry J**, Sloan T, Chen JY et al. (2011) Residual Neuromuscular Blockade at Extubation: A Randomized Comparison of Sugammadex and Neostigmine Reversal of Rocuronium-Induced Blockade in Patients Undergoing Abdominal Surgery. J Anesth Clinic Res 2:140.
17. Barwise JM, Lancaster LJ, Michaels D, Pope JE, **Berry JM**. Initial evaluation of a novel anesthetic scavenging interface. Anesthesia and Analgesia 2011 Nov;113:1064-1067. PMID: 21865500.
18. Boyer RB, Hocking KM, Booth GS, **Berry JM**, Spain TW, Michaels DR, Sandberg WS, Pilla MA. An Evaluation of Induced Failure Modes in the Belmont® Rapid Infuser. Anesthesia & Analgesia 2016 Apr;122:1062-1069.

Case Reports and other Peer-reviewed work

1. **Berry, JM**, Merin, RG. Etomidate myoclonus and the open globe. Anesthesia and Analgesia 1989; 70:336-337. PMID: 2764296.
2. **Berry JM**, Merin RG. On the use of priming with vecuronium in a patient with an open globe and a full stomach. Anesth. Analg. 1990; 70:336-337.
3. Ezri T, **Berry J**, Ando K, Katz J. Unintentional left main bronchus intubation. Canadian Journal of Anaesthesia 1994; 41:76-77.
4. **Berry, JM**, Kowalski, A, Fletcher, SA. Sudden asystole during craniotomy: unrecognized phenytoin toxicity. Journal Neurosurgical Anesthesiology 1999; 11:42-45. PMID: 9890385.
5. Gebhard RE, **Berry J**, Maggio WW, Gollas A, Chelly JE. The successful use of regional anesthesia to prevent involuntary movements in a patient undergoing awake craniotomy. Anesthesia and Analgesia 2000; 91:1230-1231.
6. Hagberg, CA, Gollas, A, **Berry, JM**. The laryngeal mask airway for awake craniotomy in the pediatric patient: report of three cases. Journal of Clinical Anesthesia 2004; 16:43-47. PMID: 14984859.
7. Card, E; Nelson, D; Jeskey, M; Miller, A; Michaels, D; Hardemann, W; Hale, M; Morse, J; St. Jacques, P; **Berry, J**. Early Detection of a blood transfusion reaction utilizing a wireless remote monitoring device. Medsurg Nursing 2012 Oct;21(5):299-302.
8. **Berry JM**. One-night Stands Anesthesiology 2014 Oct;121(4):900-901. PMID: 24979388.
9. **Berry JM**. Waiting. Anesthesiology 2014;121(4):899-899. PMID: 24821073.
10. **Berry JM**. Mechanic. Red Wolf Journal 2014 Dec;(4).
11. **Berry JM**. Miracle Baby. Chest 2015;147:583.
12. **Berry JM**. Anthropology note. Anesthesiology 2015;122:1176.
13. **Berry JM**. Sounds. Anesthesiology 2015;123(11):1209-1209.
14. Latuska RF, Kuhl NO, Garrett G, **Berry JM**, Gelbard A. Severe Bradycardia Associated with Suspension Laryngoscopy. The Laryngoscope 2016; 126:949-950.
15. **Berry JM**. My Postop Visit. Anesthesiology 2016; 125(4):809-809.
16. **Berry JM**. On Scene. Anesthesiology 2017; 126(2):345.
17. **Berry JM**. Worlds Apart. Anesthesiology. 2018; 129(1):218.

Non-Peer Reviewed Publications

Review Articles

1. **Berry JM**. Essence of anesthesia practice (Book Review). Anesthesiology 2003; 99:1035-1036.
2. Lane JS, **Berry JM**. Anesthetic Scavenging Outside the O.R. ASA Newsletter 2013;77(11):18-19.

Book Chapters

1. **Berry J.** Flow and resistance; vascular pressures and transducers. *Anesthesiology: A Comprehensive Study Guide*. Editors: Katz J (ed). New York, United States: McGraw-Hill; 1996; New York 100-101.
2. **Berry J.** Depth and adequacy of anesthesia. *Anesthesiology: A Comprehensive Study Guide*. Editors: Katz J (ed). New York, New York, United States: McGraw-Hill; 1996; 158-159.
3. **Berry J.** Vaporizers. *Anesthesiology: A Comprehensive Study Guide*. Editors: Katz J (ed). New York, New York, United States: McGraw-Hill; 1996; 35-36.
4. **Berry J.** Anesthetic uptake and distribution. *Anesthesiology: A Comprehensive Study Guide*. Editors: Katz J (ed). New York, New York, United States: McGraw-Hill; 1996; 46-49.
5. Koch S, **Berry J.** Endocrine system. *Anesthesiology: A Comprehensive Study Guide*. Editors: Katz J (ed). New York, New York, United States: McGraw-Hill; 1996; 251-277.
6. **Berry J.** Cerebral protection. *Anesthesiology: A Comprehensive Study Guide*. Editors: Katz J (ed). New York, New York, United States: McGraw-Hill; 1996; 177-179.
7. Hagberg C, **Berry J**, Katz J. Neurologic complications of cardiopulmonary bypass. *Postoperative Management of the Cardiac Surgical Patient*. Editors: Williams J (ed). New York, New York, United States: Churchill Livingstone; 1996; 223-242.
8. **Berry J.** Conventional Orotracheal and Nasotracheal Intubation. *Benumof's Airway Management (2ed)*. 2006.
9. **Berry, JM**; Harvey, S. Laryngoscopic orotracheal and nasotracheal intubation. *Benumof and Hagberg's Airway Management (3ed)*. Editors: Hagberg, C. Elsevier; 2012 Dec; pp346-358.
10. Loeb, RG; Weinger, MB; **Berry, JM**. Ergonomics of the anesthesia workspace. *Anesthesia Equipment: Principles and Applications*. Elsevier; 2013 Feb.
11. Rothman, B; **Berry, JM**. Monitoring Ventilation. *Anesthesia Equipment: Principles and Applications*. Elsevier; 2013 Feb.
12. St Jacques, P; **Berry, JM**. Perioperative Informatics. *Anesthesia Equipment: Principles and Applications*. Elsevier; 2013 Feb.
13. Weinger, MB; **Berry, JM**. Vigilance, alarms, and integrated monitoring systems. *Anesthesia Equipment: Principles and Applications*. 2013 Feb; pp448-484.

Letters

1. **Berry J**, Heitman E. Response to 'Ethical concerns in anesthetic care for patients with do-not-resuscitate orders'. *Anesthesiology* 1997; 87:174.
2. **Berry J**, Blanks S. Misplaced valve poses potential hazard. *APSF Newsletter* 2004.
3. **Berry JM**. Response to "Evolution". *Pharos - Journal of AOA* 2010 Sep.
4. **Berry J**. Carbon Dioxide Used as Insufflating Gas May Raise ET CO_2 During GI Endoscopy. *APSF Newsletter* 2018; 32:85.

Conference Proceedings

1. **Berry JM**, Michalsen A, Nagle VLJ, Bull JMC. The effects of esmolol during whole-body hyperthermia in the Entermics radiant warming device.. 7th International Congress on Hyperthermic Oncology. 1996; 270-271.
2. **Berry, J**. Barwise, L. Lancaster. Reclaiming waste anesthetic gas: initial clinical trials.

European Society of Anaesthesiology. 2007 Jun;24(sup 39)(Eur J Anaes):3AP-8.

Editorials

1. **Berry J.** Advantages of automated anesthesia record prevail. APSF Newsletter 2002; 17:30.

Books

1. Ehrenwerth, J; Eisenkraft, JB; **Berry, JM.** Anesthesia Equipment: Principles and Applications, 2ed. Elsevier; 768pp, 2013, ISBN 0323112374.
2. **Berry JM.** Tactical First Aid (TFA). Nashville, Tennessee: Tacmedicine Publishing; 2013 Mar.

Presentations

Presentations at Scientific Meetings

1. Berry JM, Oro J. Annual Meeting. International Society for the Study of the Origin of Life (ISSOL); Berkeley, California. 1986 Jun; Cometary organics and the Origin of Life.
2. Berry JM. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; New Orleans, Louisiana. 1989; The Prophylactic Antiemetic Effect of Lorazepam in Adults Undergoing Ophthalmic Surgery.
3. Swaby J, Berry JM and Sutton T. Undersea and Hyperbaric Medical Society. Undersea and Hyperbaric Medical Society; San Diego, California. 1991; Respiratory CO₂ monitoring in the multiplace hyperbaric chamber.
4. Khalil S, Berry JM, Howard MS, Hanis C and Mazow M. American Society of Anesthesiologists. American Society of Anesthesiologists; San Francisco, California. 1991; Comparison of lorazepam to droperidol as an antiemetic in children undergoing strabismus operations on an outpatient basis.
5. Berry JM, Morris WA, Sutton TE. American Society of Anesthesiologists Annual Meeting. ASA; New Orleans, Louisiana. 1992; Hyperbaric oxygen (2 ATA) produces profound femoral artery vasoconstriction.
6. Berry JM. International Society of Technology Assessment in Health Care. International Society of Technology Assessment in Health Care; Sorrento, Italy. 1993 May; Minimal economic benefit from third-generation lithotripsy of renalcalculi.
7. Berry JM, Doursout M-F, Butler B. American Society of Anesthesiologists Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 1994 Oct; Regional hemodynamic effects of hyperbaric hyperoxia in the awake dog.
8. Hagberg C, Berry J, Haque S. Society for Neurosurgical Anesthesia and Critical Care. Society for Neurosurgical Anesthesia and Critical Care; Atlanta, Georgia. 1995 May; The laryngeal mask airway for awake craniotomy in pediatric patients.
9. Chelly JE, Hantler CB, Berry J, et al. American Society of Anesthesiologists Annual Meeting. ASA; Atlanta, Georgia. 1995 Oct; Multi-center, open-label study to evaluate the effect of repeat exposure to sevoflurane in patients ASA I-III.
10. Berry JM, Michalsen A, Bull JMC. American Society of Anesthesiologists Annual Meeting.

- ASA; Atlanta, Georgia. 1995 Oct; Hemodynamic effects of esmolol in whole-body hyperthermia.
11. Berry JM. VII International Congress on Hyperthermic Oncology. VII International Congress on Hyperthermic Oncology; Rome, Italy. 1996 Apr; Anesthetic care of patients undergoing whole-body hyperthermia.
 12. Toyota N, Strebel FR, Stephens LC, Matsuda H, Rowe W, Oshiro T, Jenkins GN, Berry J, and Bull JMC. North American Hyperthermia Society. North American Hyperthermia Society; Providence, Rhode Island. 1997 May; Long-duration, low-temperature whole body hyperthermia with doxorubicin or cisplatin: Efficacy and apoptosis in a rat mammary adenocarcinoma.
 13. Nagle VLJ, Bull JMC, and Berry J. Annual Meeting. North American Hyperthermia Society; Providence, Rhode Island. 1997 May; A new look at an old flame: Long-duration, low-heat whole-body hyperthermia.
 14. Franzini L, Berry JM, Nguyen TC, Low MD. Association of American Medical Colleges. Association of American Medical Colleges; Washington, District of Columbia. 1997 Nov; The use of a cost construction model to assess the cost of an anesthesiology residency program.
 15. Franzini L, Berry JM, Nguyen TC, Low MD. American Public Health Association. Indianapolis, Indiana. 1997 Nov; The cost of an anesthesiology residency program.
 16. Nagle VLJ, Berry J, and Bull JMC. American Association for Cancer Research. American Association for Cancer Research; New Orleans, Louisiana. 1998 Mar; A preliminary report of febrile range whole body hyperthermia (LL-WBH).
 17. Nagle V, Bull J, and Berry J. North American Hyperthermia Society. North American Hyperthermia Society; Louisville, Kentucky. 1998 Apr; Thermochemotherapy versus chemotherapy as a choice for advanced and metastatic adenocarcinoma.
 18. Nagle VLJ, Berry J, and Bull JMC. North American Hyperthermia Society. North American Hyperthermia Society; Louisville, Kentucky. 1998 Apr; Initial report of febrile range whole body hyperthermia for treatment of advanced or metastatic cancer in humans.
 19. Nagle VLJ, Berry JM, and Bull JMC. North American Hyperthermia Society Meeting. North American Hyperthermia Society; 1999 May; Gemcitabine HCl (Gemzar): A heat sensitive drug for synergistic response.
 20. Nagle VLJ, Berry JM, and Bull JMC. North American Hyperthermia Society Meeting. North American Hyperthermia Society; 1999 May; Cardiovascular safety of whole body hyperthermia at 41.8C and 40C.
 21. Berry JM, Garrett K, and Clifton GL. Annual Meeting. ASA; Dallas, Texas. 1999 Oct; Postoperative hypothermia in a tertiary care hospital.
 22. Szmuk P, Ezri T, Berry J, Geva D. Annual Meeting. ASA; San Francisco, California. 2000 Oct; Comparison of nasal versus oral fiberoptic laryngoscopy in patients breathing spontaneously through a cuffed oropharyngeal airway: a pilot study.
 23. Berry JM. PBLDiscussion, ASA Annual Meeting. ASA; San Francisco, California. 2000 Oct; Blunt trauma in a Level I Center: Evaluation and Management.
 24. Wasef M, Mehta M, Berry J. 27th Gulf-Atlantic Residents Research Conference. Galveston, Texas. 2001 Apr; Temperature changes during radiofrequency ablation of lung and liver tumors.
 25. Berry JM, Daoud R, Talukder Z, Coleman L. ASA Annual Meeting. ASA; 2002 Oct;

- Intraoperative patient warming: A comparison of air- vs water-based systems.
26. Rothman B, Berry JM, StJacques P. Society for Technology in Anesthesia. 2008; Predictive Call Point Allocation Utilizing an Electronic Tracking and Assignment System.
 27. Berry JM. Annual Meeting. American Association of Critical Care Nurses; Atlanta, Georgia. 2008 May; Rapid-response Teams.
 28. Berry JM. Annual Meeting. AACN; New Orleans, Louisiana. 2009 May; Wireless Monitoring in the Postoperative Setting.
 29. Sabo D, Jones RK, Berry JM, Sloan T, Chen J-Y, Morte JB, Groudine S. Annual Meeting. American Society of Anesthesiologists; 2009 Oct; Significantly more sugammadex-treated patients have a TOF ratio >0.9 at extubation than neostigmine.
 30. Hendrikus J.M. Lemmens, M.D., Ph.D., Mohammed I. El-Orbany, M.D., James Berry, M.D., Gavin Martin, M.D. Annual Meeting. American Society of Anesthesiologists; 2009 Oct; Sugammadex Reverses Profound Vecuronium Blockade More Rapidly Than Neostigmine.
 31. Sabo et al. World Anesthesia Congress. Rome, Italy. 2011 Apr; Sugammadex significantly reduces incidence of residual blockade at extubation compared with neostigmine.
 32. Jones JC, Hoffman S, Berry JM, Ehrenfeld JM. Annual Meeting. American Society of Anesthesiologists; Chicago, Illinois. 2011 Oct; Relative Safety of Blind vs Ultrasound-Guided Central Line Placement.
 33. Nelson D, Card E, Jeskey M, Morse J, Malchow R, Michaels D, Sanders N, Berry J. Annual Fall Seminar. Tennessee Society of Perianesthesia Nurses; Nashville, Tennessee. 2013 Sep 7; Hyperalgesia.
Berry JM. Annual Meeting. International Association of Chiefs of Police; Orlando, Florida. 2014 Oct 28; Civilian response to mass-casualty events: The concept of pre-first response.

Panel Presentations

1. Berry JM. Society of Cardiovascular Anesthesiologists Conference. Society of Cardiovascular Anesthesiologists; Seattle, Washington. 1989; Pituitary apoplexy following cardiopulmonary bypass.
2. Rothman B, Berry JM. Annual Meeting. Society for Technology in Anesthesia; 2009 Jan; Integration of Apple computing into a Microsoft enterprise environment.
3. Rothman B, Berry J. Annual Meeting. Society for Technology in Anesthesia; 2009 Jan; Acoustic Apnea Monitor.
4. Berry JM. Annual Meeting. American Society of Anesthesiologists; San Francisco, California. 2013 Oct 16; Recycling Pharmaceuticals.
5. Sherman, J and Berry JM. CleanMed. Practice Greenhealth; Cleveland, Ohio. 2014 Jun 3; Inhaled Anesthetics: Big Problems and Big Solutions.

Invited Presentation - Local

1. Berry JM. Department of Anesthesiology, St. Joseph Hospital; Houston, Texas. 2000 Apr; New Neuromuscular Blocking Agents.
2. Berry JM. Davidson County Amateur Radio Emergency Services; Nashville, Tennessee. 2014 Jun 17; Disaster First Aid.

Invited Presentation - Regional

1. Regional Refresher Course. American Society of Anesthesiologists; San Antonio, Texas. 1993 Jan; Anesthesia for Renal Transplantation.
2. Texas Coast Anesthesia Meeting. Clear Lake City, Texas. 1994 Apr; Thermal Management of Trauma Patients.
3. Texas Coast Anesthesia Meeting; Clear Lake City, Texas. 1995 May; Choosing an Automated Anesthesia Record System.
4. Annual Meeting. Texas Faculty Association; Houston, Texas. 1996 May; A Clinician's View of Tenure.
5. Berry JM. Region III annual meeting. ASATT; Nashville, Tennessee. 2013 May; Anesthetic Scavenging.
6. Berry, JM. Tri-State Respiratory Therapy Conference. Biloxi, Mississippi. 2013 Jul 24; Use of Isoflurane in Pediatric Asthma.
7. Berry, JM. Tri-State Respiratory Therapy Conference. Biloxi, Mississippi. 2013 Jul 25; Respiratory Therapy in the Perioperative Setting.
8. Berry JM. 14th Annual Conference. Tennessee Perfusion Association; Nashville, Tennessee. 2013 Oct 13; Scavenging Anesthetics.
9. Berry JM. Region III Annual Meeting. ASATT; Nashville, Tennessee. 2014 Jun 28; Problem Airway Management.
10. Berry JM. Region IV Annual Meeting, ASATT; Dallas Texas. 2017 Jun 14; Recycling Volatile Anesthetics.

Invited Presentation - National

1. American Association of Critical Care Nurses; Houston, Texas. 1990 Oct; Hyperbaric Medicine.
2. Berry JM, Heitman E. International Society of Technology Assessment in Health Care; Baltimore, Maryland. 1994 Jun; Limiting the use of anesthetic technology: the case of perioperative Do-Not-Resuscitate.
3. Difficult Airway Symposium. University of Texas; Vail, Colorado. 2000 Jan; Ethics of Informed Consent.
4. Difficult Airway Symposium. University of Texas; Vail, Colorado. 2000 Jan; Blind Nasal Intubation: A Lost Art?
5. Berry JM. Annual Meeting. Society for Technology in Anesthesia; Las Vegas, Nevada. 2011 Jan; Anesthetic Recovery Systems.
6. Berry JM. Mayo Clinic Dept of Biomedical Engineering; Rochester, Minnesota. 2014 Feb 24; New Advances in Anesthesia Scavenging.
7. Berry JM. National Youth Science Camp. National Youth Science Foundation; Bartow, West Virginia. 2016 Jul 1; Recycling Pharmaceuticals.

Invited Presentation - International

1. Berry JM. NAVAT. Aalst, Belgium. 2015 Sep 19; Recycling Pharmaceuticals.
2. Berry JM. 7th Annual International Meeting. Triple-Nine Society; Dallas, Texas. 2015 Oct 11; Growing up gifted: Opportunity and challenge.

Invited Presentation - Other

1. Berry JM. Department of Anesthesiology, Hendrick Hospital; Abilene, Texas. 2000 Sep; Low-flow Anesthesia.
2. Berry JM. Departments of Anesthesiology, Baton Rouge Hospitals; Baton Rouge, Louisiana. 2001 May; New Inhaled Anesthetics.
3. Berry JM. Department of Anesthesiology, Meridian Hospitals; Meridian, Mississippi. 2002 Mar; Inhaled Anesthetic Agents.
4. Berry JM. Departments of Anesthesiology, Houston Area Hospitals; Houston, Tennessee. 2002 Apr; Future of Isoflurane.
5. Berry JM. Grand Rounds. Nacogdoches Regional Medical Center; Nacogdoches, Texas. 2004 Jan; Inhaled Anesthetic Agents.

Problem based learning discussion

1. Berry JM. PBL Discussion, ASA Annual Meeting. American Society of Anesthesiologists; Las Vegas, Nevada. 2004 Oct; Attempted Suicide by Physician: The Pharmacology of Outpatient Anesthesia.

University Talk

1. Berry JM. Pediatrics Research Conference. Vanderbilt Children's Hospital; Nashville, Tennessee. 2009 Mar; Environmental Effects of Volatile Anesthetics.

Visiting Professor

1. Grand Rounds. Medical College of Georgia; Augusta, Georgia. 1994 Aug; DNR Orders in the OR.
2. Medical College of Georgia; Augusta, Georgia. 1994 Aug; Cerebral Air Embolism.
3. Monthly Meeting. Chicago Society of Anesthesiologists; Chicago, Illinois. 1996 May; New Inhaled Anesthetic Agents.
4. Berry JM. University of Texas Medical Branch; Galveston, Texas. 2005 Mar; Use of Modern Anesthetics.
5. Berry J. Grand Rounds. Dept of Anesthesiology University of Texas; Houston, Texas. 2013 Nov 7; Recycling Volatile Anesthetics.

External Grand Rounds

1. Grand Rounds. Rush Presbyterian/St Luke's Medical Center; Chicago, Illinois. Anesthesia in Renal Failure.
2. Grand Rounds. University of Texas Medical Branch; Galveston, Texas. 1993 Mar; Desflurane.
3. Monthly Meeting. Enid Society of Anesthesia; Enid, Oklahoma. 1994 Apr; New Anesthetic Agents.

Podcasts / Webinar

1. Berry, JM. Greening the OR. Practice Greenhealth; 2012 Jul; Recycling Volatile Anesthetics.
2. Berry, JM. Practice Greenhealth; 2013 Jul 18; Recycling Pharmaceuticals.

Medically Challenging Cases

1. Herzog M, Berry JM. Annual Meeting. ASA; San Diego, California. 2015 Oct 24; Unexpected Recurrent Aspiration During Deep Sedation for Eye Irrigation.