

Revised 4-7-13

## CURRICULUM VITAE

NAME: Donald E. Martin, M.D.

TELEPHONE 717-531-8434

FAX 717-531-5449

EMAIL [dmartin1@psu.edu](mailto:dmartin1@psu.edu)

EDUCATION: Juniata College  
Huntington, Pennsylvania  
B.S. (summa cum laude), Physics  
1969

Jefferson Medical College  
Philadelphia, Pennsylvania  
M.D. (cum laude)  
1976

PAST PROFESSIONAL APPOINTMENTS: Internship (Internal Medicine)  
Lankenau Hospital  
Philadelphia, Pennsylvania  
1976 - 1977

Residency (Anesthesia)  
Hospital of the University of Pennsylvania  
Philadelphia, Pennsylvania  
1977 - 1979

Fellowship (Anesthesia)  
Hospital of the University of Pennsylvania  
Philadelphia, Pennsylvania  
1979 - 1980

PAST  
PROFESSIONAL  
APPOINTMENTS  
CONT'D

Assistant Professor of Anesthesiology  
The Pennsylvania State University College of Medicine  
Hershey, Pennsylvania  
1980 - 1986

Associate Professor of Anesthesiology  
The Pennsylvania State University College of Medicine  
July 1, 1986 – July 1, 2002

Interim Chair  
Department of Anesthesiology  
The Pennsylvania State University College of Medicine  
July 1, 2001 – August 22, 2002

Associate Chair for Faculty Affairs  
Department of Anesthesiology  
The Pennsylvania State University College of Medicine  
May 10, 2000 – June 30, 2009

Medical Director of the Preadmission Center  
Milton S. Hershey Medical Center  
Hershey, PA 17033  
November, 1996 – June 30, 2009

**PRESENT  
PROFESSIONAL  
APPOINTMENTS:**

**Professor of Anesthesiology  
The Pennsylvania State University College of Medicine  
July 1, 2002 - Present**

**Associate Dean for Administration  
Penn State University College of Medicine  
April 1, 2009 - present**

**PRESENT  
HOSPITAL  
APPOINTMENT:**

**Faculty Anesthesiologist  
Hershey Outpatient Surgery Center and PennState Hershey  
Medical Center  
Hershey, PA 17033  
November, 1996 - Present**

LICENSURE:

MD-019515E (Pennsylvania)

SPECIALTY BOARD  
CERTIFICATION:

American Board of Anesthesiology--October 3, 1980  
Recertification, American Board of Anesthesiology—1998, 2009  
Associate Examiner, American Board of Anesthesiology,  
1995 - 2002  
**In-Training Council Editor, American Board of  
Anesthesiology, 1996-Present**

**Member, ABA-ASA In-Training Council 2007-present**

POSTGRADUATE  
HEALTH POLICY  
FELLOWSHIP:

U.S. Senate Special Committee on Aging  
Senator John Heinz-ranking minority member  
January-June 1990  
Sabbatical Leave – Penn State University

NATIONAL  
OFFICES AND  
COMMITTEE  
APPOINTMENTS:

American Society of Anesthesiologists  
Alternate Director - District 6 (Pennsylvania) 2001-2007  
Alternate Delegate from PA 1990-91  
**Delegate from PA 1992 to present**  
**Director – District 6 (Pennsylvania) 2007 - present**  
Reference Committee of House of Delegates,  
1993, 1995, (Chair), 1996  
Committee on Ambulatory Surgical Care, 2000 - 2008  
Governmental Affairs Committee, 1992-1999  
Committee on Quality Improvement and Practice  
Management, 1996-1997  
Committee on Membership and Credentials, 1996-  
1999  
Committee on Credentials, 2000 - 2008  
Committee on Equipment and Facilities - 1999 – 2009  
CHAIR – Committee on Equipment and Facilities – 2003 - 2008  
Strategic Planning Task Force, 1997-1999  
Office Based Anesthesia Task Force, 1999-2007  
**Chair – Section on Clinical Affairs – 2008 – present**  
**Committee on Standards and Practice Parameters – 2009  
-present**  
**Anesthesia Patient Safety Foundation**  
**Representative to the National Coordinating Council for  
Medication Error Reporting and Prevention (NCC-MERP  
(2008-present)**

REGIONAL  
OFFICES AND  
COMMITTEE  
APPOINTMENTS:

Pennsylvania Society of Anesthesiologists  
Assistant Secretary-Treasurer 1990-91  
President 1992-93  
Past President 1993-94  
Committee on Third Party Reimbursement 1993-94  
Secretary-Treasurer 1994-2008  
Membership Committee-Chairman 1988-1998  
  
Pennsylvania Medical Society  
Inter-Specialty Section 1993-1997  
(Representative from Anesthesiology)  
Council on Medical Practice 1993-1995  
Task Force on the Definition of Medical Practice -- 1998- 2000  
Pennsylvania Blue Shield - Medicare Carrier  
Advisory Committee 1993-1995  
**HGSA - Medicare Carrier Advisory Committee 1995- present**  
  
American Medical Association  
Medical School Section – Representative of Penn State University  
– 2002 - 2005

PROFESSIONAL SOCIETY MEMBERSHIPS:	American Society of Anesthesiologists American Medical Association International Anesthesia Research Society Pennsylvania Medical Society Pennsylvania Society of Anesthesiologists Alpha Omega Alpha
HOSPITAL COMMITTEE APPOINTMENTS:	Operating Room Committee (1981 to 2009) Operating Room Task Force (1990 to 1997), (Chair 1990-1994) Outpatient Surgery Unit Committee (1981 to 1995) Conscious Sedation Task Force - 1995, 1989 Utilization Review Committee (1984 to 1993) Ambulatory Care Committee (1984 to 1988) Medical Policy Board (1991-92), (1994-95) Medical Staff Executive Committee ( 2000-2002) Medicare Billing Compliance Committee (1996-2000) University Comm. on Clinical Improvement (1999-2009) University Physician Compensation Committee (1999-2001)
UNIVERSITY COMMITTEE APPOINTMENTS:	College of Medicine Promotion and Tenure Committee (2001- present), Chair 2004-2007 Unified Campus Finance Team (2001-2002) Unified Campus Human Resources Team (2002 – 2005) <b>Conflict of Interest Review Committee (Chair) (2009-present)</b> <b>Penn State Institutional Conflict of Interest Committee (2009- 2011)</b> <b>Executive Council (2009-2011)</b> <b>Community Service Team (2009-2011)</b> <b>Disability Services Committee (2009-Present)</b>
ANESTHESIA DEPARTMENT COMMITTEE APPOINTMENTS:	Committee on External Affairs (1994-1997) Education Committee (1982 to 1993), (1999-2004) Equipment Committee (1984 - 2005) Chairman's Advisory Committee (1987 to 1993) Department Executive Committee (1999-2009) Clinical Management Committee (1994 - 2009) Promotion and Tenure Committee (1987 - 2009) Chair (2003-2009) Clinical Competence Committee (1991 to 1995, 2003 - 2009) Chair (2003-2009) Clinical Improvement Committee (1999 to 2009)
CONSULTANT	Department of Anesthesia, Sunbury Community Hospital, January 4-5, 1996  Philhaven Hospital, Lebanon, Pennsylvania (1984)

Veterans Affairs Medical Center, Lebanon, Pennsylvania (1986-1992)

AD HOC EDITORIAL  
AND GRANT  
REVIEWER:

Anesthesiology (1988 to present)

National Institutes of Health – National Eye Institute  
August, 2002

VISITING  
PROFESSOR:

Hospital of the University of Pennsylvania  
November 15, 1984

University of Texas, Southwestern Medical Center  
Parkland Hospital  
September 21-22, 1989

Thomas Jefferson University, Jefferson Medical College  
February 3-5, 1993

The Mercy Hospital of Pittsburgh  
April 27, 1994

HONORS AND  
REWARDS

Alpha Omega Alpha (1976 – present)

President's Award  
Pennsylvania Association of Perianesthesia Nurses  
March 30, 1998

**“Best Doctors in America” – selected 1998 - Present**

Donald E. Martin, MD Career Development Award in  
Anesthesiology and Pain Medicine – established and endowed by  
the Department of Anesthesiology of Penn State University, 2003

Listed in “Guide to America’s Top Anesthesiologists” – 2007,  
2008, 2009

INVITED LECTURES:

“Management of Preoperative Cardiac Medication”  
New Jersey State Society of Anesthesiologists Meeting  
April 1, 1980

“Effect of Low Dose Fentanyl on Response to Tracheal  
Intubation”  
Resident Research Meeting  
Philadelphia Society of Anesthesiologists  
June 12, 1980

“Problems in the Recovery Room”  
“Practical Anesthesia Today”  
Continuing Education Seminar  
Hershey Motor Lodge, Hershey, PA  
September 20, 1980

“Anesthesia for the OB/GYN Patient”  
Department of Obstetrics/Gynecology  
Hershey Medical Center  
May 22, 1981

“Review of Specific Anesthetic Agents”  
“Nursing Care in the Recovery Room”  
Continuing Education Seminar  
September 19, 1981

“Anesthetic Management of the Burn Patient”  
Harrisburg, PA, October 9, 1982

“Narcotics and Narcotic Reversal”  
Pennsylvania Society of Anesthesiologists Workshop  
Philadelphia, PA, May 14, 1983

“Narcotic Agonists--Antagonists”  
University Educational Consortium, University of Wisconsin,  
Madison, Wisconsin, June 2, 1983

“Preoperative Preparation of the Hypertensive Patient”  
Department of Obstetrics/Gynecology  
Hershey Medical Center 1984

“From the O.R. to the Street”  
Outpatient Anesthesia Seminar for Practicing Physicians  
Hershey, PA, September 15, 1984

INVITED LECTURES  
CONT:

“The Hypertensive Surgical Patient”  
Department of Anesthesia - University of Pennsylvania  
Philadelphia, PA, November 15, 1984

“Peri-operative Potassium Balance”  
Department of Obstetrics/Gynecology  
Hershey Medical Center, October 31, 1985

“The Human Factor--Preventable Mishaps in Anesthesia”  
The New Jersey State Society of Anesthesiologists  
November 19, 1985

“Cardiac Arrhythmias--The Cause and the Cure, 1987”  
Pennsylvania Society of Anesthesiologists Annual Meeting  
Philadelphia, PA, May 16, 1987

“Electrophysiologic Effects of New Antiarrhythmic Drugs”  
Society of Cardiovascular Anesthesiologists Annual Meeting  
Seattle, Washington, April 16-19, 1989

“Human Factors in Anesthesia”  
Parkland Hospital - University of Texas  
Southwestern Medical Center, September 21-22, 1989

“Medicare Reimbursement--It's Impact on Chronic Care”  
Juniata County Agency on Aging  
May 4, 1990

“Health Policy Options for the 1990's”  
Chester County Medical Society  
June 12, 1990

“Health Care Reimbursement--Strategies for Cost Containment”  
Class on Social Policy and the Elderly  
Temple University School of Law  
June 27, 1990

“New Trends in Legislation”  
Reading Hospital, Reading, PA  
October 12, 1990

“New Trends in Legislation”  
Abington Hospital, Philadelphia, PA  
January 31, 1991



INVITED LECTURES  
CONT:

“Medicare in the Face of the Budget Deficit”  
Ambulance Association of Pennsylvania  
Harrisburg, PA - April 13, 1991

“The Patient Who Comes Along With The Operative Eye”  
Department of Ophthalmology - Penn State University  
February 6, 1992

“Medicare, RBRVS, and The Practice of Medicine”  
Pennsylvania State University - Department of Humanities  
February 11, 1992

“The Anesthesiologists' Place in Health Care Reform”  
Western Pennsylvania Society of Anesthesiologists  
October 15, 1992

“Human Factors in the O.R. "Cockpit”  
Jefferson Medical College  
February 4, 1993

“Health Care Payment Reform and the Anesthesiologist”  
Philadelphia Society of Anesthesiologists  
February 4, 1993

“The Cost Effective Anesthetic”  
Jefferson Medical College  
February 5, 1993

“The Anesthesia Cockpit”  
The Mercy Hospital of Pittsburgh, Department of Anesthesia  
April 27, 1994

"Who Needs to See a Medical Consultant"  
Pennsylvania Society of Anesthesiologists Annual Meeting  
April 2, 1998

"Approach to the Outpatient Management of the Elective Surgical Patient"  
Pennsylvania Society of Anesthesiologists Annual Meeting  
April 2, 1998

"Evaluation and Management of the Elective Surgical Patient"  
Current Concepts in Family Medicine  
Penn State University  
April 13, 1999

INVITED LECTURES  
CONT:

"Preoperative Management of the Surgical Patient with Cardiovascular Disease"  
Department of Family Medicine  
Pinnacle Health System, Holy Spirit Hospital  
November 17, 1999

"Political and Economic Challenges to Anesthesiology Practice in Pennsylvania"  
Western Pennsylvania Society of Anesthesiologists  
Pittsburgh, Pennsylvania  
April 18, 2002

"Cardiac Evaluation of the Non-Cardiac Surgery Patient"  
Mercy Hospital  
Pittsburgh, Pennsylvania  
April 19, 2002

"What Drives the Use of New Technology in Health Care" – Panel Presentation, Annual Meeting of the American Society of Anesthesiologists, Chicago, October 15, 2006

"Anesthesia Machines of 2007 – How to Make Them Work" – workshop at the Annual Meeting of the American Society of Anesthesiologists, San Francisco, California, October 15, 2007 (moderator, organizer, and presenter)

"Advanced Workshop on the Aestive and Apollo Anesthesia Machines" workshop at the Annual Meeting of the American Society of Anesthesiologists, Orlando, Florida, October, 2008 (moderator, organizer, and presenter)

"Medication Safety in the Operating Room – Time for a New Paradigm" Workshop on Medication Safety, APSF, Phoenix, Arizona, January 26, 2010

"Sedation Devices – Computer Assisted and patient Controlled" panel presentation at the Annual Meeting of the American Society of Anesthesiologists, San Diego, California, October 16, 2010 (presenter)

"Medication Safety in the Operating Room" APSF Panel "Current Anesthesia Patient Safety Issues" American Society of Anesthesiologists Annual Meeting, Chicago, Illinois, October 15, 2011

"Factors Influencing Federal Health Policy", Regional Meeting of the Pennsylvania Society of Anesthesiologists, May 29, 2013, Lancaster, Pennsylvania

ANESTHESIA  
DEPARTMENT  
LECTURES  
PENN STATE  
UNIVERSITY:

- “Cardiovascular Response to Intubation” - November 9, 1980  
“Hepatotoxicity of Anesthetics” - May 20, 1981  
“Considerations in Renal Transplantation” - February 3, 1982  
“Anesthesia for Major Vascular Surgery” - March 17, 1982  
“Beta-Adrenergic Blockers” - December 9, 1982  
“The Hypertensive Surgical Patient” - January 12, 1983  
“Critical Events in Anesthesia” - March 7, 1984  
“Opiates in Anesthesia” - March 27, 1985  
“Positioning the Anesthetized Patient” - May 1, 1986  
“Halothane Hepatitis” - May 21, 1986  
“Avoiding Anesthesia Misadventures” - April 16, 1986  
“Anesthetic Management for Aortic Valve Operations” -  
March 23, 1988  
“Cardiac Monitoring and Arrhythmias” - June 15, 1988  
“Outpatient Anesthesia” - May 17, 1989  
“Anesthesia and Kidney Failure” - May 22, 1991  
“Local Anesthetic Pharmacology” - September 9, 1991  
“Post Operative Epidural Analgesia -- A Modern Miracle” -  
April 15, 1992  
“The Patient with Valvular Heart Disease” - November 17, 1993  
“Health Care Reform and the Academic Anesthesiologist” -  
March 21, 1994  
“The Effectiveness of the Preoperative Fast” - June 29, 1994  
“Residency Training in Anesthesiology in Brazil” - June 14, 1995  
“Patient Awareness under Anesthesia” - March 14, 1996  
“The Anesthesiologist’s Preoperative Visit in 1997-Where, When,  
Why, For Whom?” - February 10, 1997  
“ECT - The Disease, The Treatment, The Anesthetic” -  
February 18, 1998  
“Perioperative Management of the Diabetic Patient”  
March 30, 2000  
“Nausea and Vomiting” - May 4, 2000  
  
“ Postoperative Myocardial Infarctions – Identification of the  
Problem” - January 11, 2001  
  
“Awareness Under Anesthesia” - February 8, 2001  
  
“Pacemakers – Their use in Surgical Patients” – Department Grand  
Rounds, October 26, 2006  
  
“Preventing Postoperative Cardiovascular Morbidity: What is the  
Value of Beta Blockers, Statins, Anti-thrombotics” Anesthesia  
Department Grand Rounds, April 3, 2008  
  
“Medication Errors During Anesthesia – The Problem and Its  
Prevention” Anesthesia Department Grand Rounds, July 31, 2008

MEDICAL STUDENT  
LECTURES  
PENN STATE  
UNIVERSITY:

“Preoperative Medication and Assessment” - September 16, 1980  
“Hypnotics and Opiates” - September 15, 1981  
“Hypnotics and Opiates” - December 7, 1981  
“Uptake and Distribution of Inhaled Anesthetics” -  
February 15, 1982  
“Pharmacology of Intravenous Anesthetic Agents” -  
December 9, 1982  
“Opiate and Hypnotic Drugs” - February 11, 1983  
“Hypnotics and Opiates” - June 16, 1983  
“Opiate and Hypnotic Drugs” - March 16, 1984  
“Intravenous Anesthetic Agents” - May 2, 1984  
“Hypnotics and Opiates” - March 6, 1985  
“Hypnotics and Opiates” - December 3, 1985  
“The Anesthesia Machine and Delivery of Inhaled Anesthetics” -  
January 4, 1988  
“Perioperative Fluid and Electrolyte Management” -  
February 22, 1988  
“Perioperative Fluid and Electrolyte Management” -  
March 25, 1988  
“Perioperative Fluid and Electrolyte Management” -  
May 19, 1988  
“Perioperative Fluid and Electrolyte Balance” - June 17, 1988  
“Hypnotics and Opiates” - June 21, 1988  
“Anesthesia Patient Safety” - November 30, 1989  
“Outpatient Anesthesia” - August 17, 1990  
“Anesthesia Induction Agents” - September 6, 1990  
“Outpatient Anesthesia” - September 7, 1990  
“Anesthesia Outcome” - September 14, 1990  
“Preoperative Evaluation” - September 21, 1990  
“Anesthesia Machine Anatomy” - October 1, 1990  
“Outpatient Anesthesia” - October 4, 1990  
“Preoperative Evaluation” - October 16, 1990  
“Spinal and Epidural Anesthesia” - November 16, 1990  
“Preoperative Evaluation” - November 19, 1990  
“Obstetrical Anesthesia” - November 20, 1990  
“Endotracheal Intubation” - December 10, 1990  
“Anesthesia and Safety” - December 11, 1990  
“Preoperative Evaluation” - December 17, 1990  
“Anesthesia Induction Agents” - December 18, 1990  
“Preoperative Evaluation” - January 21, 1991  
“Anesthesia Induction Agents” - January 22, 1991  
“Anesthesia and Safety” - February 5, 1991  
“Preoperative Evaluation” - February 19, 1991  
“Anesthesia Machine Anatomy” - February 25, 1991  
“Preoperative Evaluation” - February 26, 1991  
“Anesthesia and Safety” - March 5, 1991  
“Anesthesia Induction Agents” - March 22, 1991  
“Medicare, RBRVS, and the Practice of Medicine”

Medicine, Government and Justice Course - March, 1991  
 "Anesthesia and Safety" - April 5, 1991  
 "Spinal and Epidural Anesthesia" - April 22, 1991  
 "Local Anesthetic Drugs" - April 23, 1991  
 "Postoperative Pain Management" - September 9, 1991  
 "Management of the Hypertensive Patient Clinical Problems in the  
 O.R. Environment" - September 9, 1991  
 "The Workspace and Anesthesia Record" - October 3, 1991  
 "Acute Pain Management" - November 18, 1991  
 "Obstetrical Anesthesia" - December 9, 1991  
 "Potent Inhalation Agents/Uptake & Delivery" - January 15, 1992  
 "Local Anesthetics" - February 13, 1992  
 "The Workspace and Anesthesia Record" - March 19, 1992  
 Pain Management Conference - April 15, 1992  
 "Premeds and Induction Agents" - April 27, 1992  
 "Aspirin Toxicity" - February 20, 1998  
 "Clinical Implications of Opiate Receptors" - February 6, 2001  
 "Local Anesthetic Action and Toxicity" - February 9, 2001  
 "Anesthesia and Concurrent Disease – Cardiovascular Disease"  
 February 13, 2001  
 "Anesthesia and Concurrent Disease – Pulmonary Disease"  
 February 16, 2001  
 PBL Facilitator "Cardiology" September 6 – 30, 2002  
 PBL Facilitator "Cardiology" Sept 12 – October 7, 2003  
 PBL Facilitator – Dermatology and Musculoskeletal Blocks  
 March 7 – 23, 2005  
 PBL Hemodynamics Sessions Instructor – Simulation Laboratory,  
 September 11 and 18, 2006  
 PBL Hemodynamics Sessions Instructor – Simulation Laboratory,  
 September 11, 2007  
 PBL Instructor – Diabetic Ketoacidosis – Simulation Laboratory,  
 February 1, 2008

RESIDENT LECTURES  
PENN STATE  
UNIVERSITY:

- “Positioning the Patient for Surgery” - July 28, 1980
- “Renal Physiology” - May 27, 1981
- “Endocrine Physiology” - June 3, 1981
- “Hematology and Coagulation” - June 10, 1981
- “Renal Physiology” - February 3, 1982
- “Renal Physiology and Anesthesia” - January 12, 1983
- “The Anesthesia Machine” - July 7, 1983
- “Intubation of the Trachea” - July 21, 1983
- “Sleep Apnea” - June 20, 1984
- “The Difficult Intubation” - August 2, 1984
- “Opiates in Anesthesia” - March 27, 1985
- “Intubation - For the Novice and the Expert” - July 25, 1985
- “Positioning of the Anesthetized Patient” - May 1, 1986
- “The Difficult Intubation” - July 14, 1986
- “Problems in Lithotripsy” - October 29, 1986
- “Why Can't I Breathe” - April 29, 1987
- “Anesthesia Clinic” - July 16, 1987
- “The Difficult Intubation” - July 24, 1987
- “Working with Aides, Techs, and Nurses  
Functions of the Anesthesia Clinic”  
July 17, 1989
- “Important Diseases: Diabetes, HPT, IHD”
- “Common Everyday Clinical Problems” - August 2, 1991
- “Management of the Hypertensive Patient” - September 6, 1991
- “Important Diseases II: Diabetes, HPT, IHD”
- “Common Everyday Clinical Problems” - September 9, 1991
- “The Patient who comes along with the Operative Eye”  
Department of Ophthalmology - February 6, 1992
- “Responsibility of the Anesthesiologist for Patient Care” -  
July, 1993
- “Responsibility and Handing over Responsibility” - July 30, 1993
- “Ophthalmic Anesthesia--Its effect on the eye, and the whole  
patient”  
Department of Ophthalmology  
November 20, 1994
- “Management of the Difficult Airway”  
Resident Lecture, Recife, Brazil  
March 20, 1995
- “Chemotherapeutics, Antipsychotics, Antidepressants, Antacids,  
Antiemetics” - October 30, 1996
- “Perioperative Evaluation of the Difficult Airway” -  
February 18, 1998
- “Evaluation and Management of Valvular Heart Disease” -  
February 2, 2000
- “Controversies in the Pre-operative Management of Hypertension”-  
February 9, 2000
- “Diagnosis and Management of Perioperative Acute Renal  
Failure”

March 15, 2000  
 “Anesthesia and Co-Existing Diseases” - July 25, 2000  
 “Assessment of the Difficult Airway” - January 17, 2001  
 “Retrograde Intubation Techniques” - January 17, 2001  
 “The Man-Machine Interface in the Sky and in the OR” -  
 February 6, 2001  
 “Hemodynamic Changes in the Face of Valvular Heart Disease” -  
 February 13, 2001  
 “Liability and Informed Consent” - April 18, 2001  
 “Introduction to the Medical Specialty of Anesthesiology” -  
 July 6, 2001  
 “Anesthesia and Co-Existing Disease” - July 13, 2001  
 “Broncho-Pleural Fistula” Dept. Chair’s Rounds –  
 November 14, 2000  
 “Ankylosing Spondylitis” Dept. Chair’s Rounds –  
 December 12, 2000  
 “Neurosurgical Procedure in a patient with Valvular Heart  
 Disease” Dept. Chair’s Rounds – October 2, 2001  
 “Malpractice Insurance” Dept. Chair’s Rounds – October 30,  
 2001  
 “Thoracic Surgery” Dept. Chair’s Rounds – November 6, 2001  
 “Fluid and Electrolyte Imbalance” – Dept. Chair’s Rounds – April  
 2, 2002  
 “The Action, Monitoring, and Reversal of Neuromuscular  
 Relaxants” – January 24, 2003  
 “Preoperative Testing – the Anesthesiologist as Consultant” –  
 February 12, 2003  
 “Medical Liability and the Practicing Anesthesiologist”  
 April 21, 2004  
 “The Preoperative Management of Co-Existing Disease”  
 July 19 and August 26, 2004  
 “The Physician-Patient Relationship – The Basis of  
 Professionalism” February 9, 2005  
 “The Preoperative Management of Co-Existing Disease”  
 August 25, 2005  
 “The Aging Cardiovascular System” – January 18, 2006  
 “The Preoperative Management of Co-Existing Disease”  
 July 21 and August 17, 2006  
 “The Preoperative Management of Co-Existing Disease”  
 July 18 and August 21, 2007  
 “The preoperative Management of Co-existing Disease”  
 July 21 and August 21, 2008

Department of Anesthesia Preoperative Anesthesia Clinic

(1/2 - 1 hour Seminars to Residents and Medical Students on Topics including the Following Given 1-3 times a week - July, 1998 - present):

The Process of Preoperative Preparation of the Surgical Patient  
The Rational Choice of Preoperative Laboratory Studies  
Prevention of Aspiration of Gastric Contents - H2 Antagonists  
Perioperative Administration of Anticoagulants and Platelet  
Inhibitors

The Preoperative Assessment and Management of Ischemic Heart  
Disease

The Preoperative Assessment and Management of Valvular Heart  
Disease

The Preoperative Patient with a Pacemaker

Preoperative SBE Prophylaxis - Indications and Management

Preoperative Assessment of the Hypertensive Patient

Preoperative Assessment of Pulmonary Function

The Patient with Renal Disease

The Preoperative Diabetic Patient - Assessment and Management

Pseudochoolinesterase Deficiency

Clinical and Laboratory Assessment of the patient with Hepatitis

Assessment of the Paraplegic Patient

Preparing the Patient for Thoracic Surgery

Prevention of Perioperative MI - Preoperative Beta Blockade

ALLIED HEALTH  
PROFESSIONALS  
LECTURES:

“Comparative Pharmacology of Alfentanil, Sufentanil, and  
Fentanyl”

Pharmacological Update - Annual Meeting

Pa. Association of Nurse Anesthetists

Hershey, PA, October 22, 1983

“Clinical Operating Room Experience for Pharmacy Interns”  
(planned in cooperation with Robin Becker, R.Ph.), 1985.

Participants: Ken Walborn, Kathy Switak, Steve Bozanski, Delores  
Gross, Christina Eban, and Jim Powell

“Unique Challenges in Outpatient Anesthesia”

Continuing Education Program Hershey, PA

October 26, 1985

“Anesthesia for the Trauma Patient”

Continuing Education Seminar for CRNA's

Pennsylvania State University, Hershey, PA

October 25, 1985

“Anesthetic Agents”

Student Perfusionists Lecture

Pennsylvania State University, Hershey, PA

December 18, 1985

“Intraoperative Management of the Trauma Patient”

HMC Trauma Nursing Course



November 13, 1986

Anesthesia Technician Course, September, 1986

Anesthesia Technician Course, January, 1987

“Emergency Procedures - A.B.C.D.E.”

Lecture to Anesthesia Technicians, June 3, 1992

“New Developments in Outpatient Anesthesia Cases”

PACU Nurses, Penn State University Hospital

February 10, 1993

## BIBLIOGRAPHY

### JOURNAL ARTICLES:

1. Martin DE, Rosenberg H, Aukburg SJ, Bartkowski RR, Edwards MW, Greenhow DE, Klineberg PL: Low-dose fentanyl blunts circulatory responses to tracheal intubation. *Anesth Analg* 61:680-684,1982
2. Nicholas GG, Martin DE, Osbakken MD: Cardiovascular monitoring during elective aortic surgery. *Arch Surg* 118(1):1256, 1983
3. Martin DE, Kammerer WS: The hypertensive surgical patient: controversies in management. *Surg Clin N Amer* 63(5):1017-1033,
4. Seidl DC, Martin DE: Prolonged bradycardia after neostigmine administration in a patient taking nadolol. *Anesth Analg* 63:365-367, 1984
5. Berry AJ, Isaacson IJ, Kane MA, Schatz GC, Clark T, Beaupre P, Derrer S, Kapur P, Thompson J, Martin D, Large HS, Maze M, Spiss CK, Ronai AK, Kimovac MA: A multi-center study of the epidemiology of hepatitis B in anesthesia residents. *Anesth Analg* 64:672-676, 1985
6. Lum CT, Wassner SJ, Martin DE: Current thinking in transplantation in infants and children. *Ped Clin N Amer* 32:1203-1232, 1985
7. Koblin DD, Romanoff ME, Martin DE, Hensley FA, Larach DR, Stauffer RA, Luck JC: Anesthetic management of the

parturient receiving amiodarone. *Anesthesiology* 66:551-553, 1987

8. Larach DR, Hensley FA, Martin DE, High KM, Pierce WS: Systemic vascular response to anesthetic induction in an artificial heart patient with fixed cardiac output. *J Cardiothorac Anesth* 1:225-228, 1987

9. Larach DR, High KM, Larach MG, Hensley FA, Martin DE, Williams DR: Cardiopulmonary bypass interference with dantrolene prophylaxis of malignant hyperthermia. *J Cardiothorac Anesth* 1:448-453, 1987

10. Hensley FA, Martin DE, Larach DR, Romanoff ME: Anesthetic management for cardiac transplantation in North America--1986 survey. *J Cardiothorac Anesth* 1:429-437, 1987

11. Hensley FA, Larach DR, Martin DE, Stauffer RA: The effect of halothane/nitrous oxide/oxygen mask induction on arterial hemoglobin saturation in cyanotic heart disease. *J Cardiothorac Anesth* 1:289-296, 1987

12. Hensley FA, Dodson DL, Martin DE, Stauffer RA, Larach DR: Oxygen saturation during preinduction placement of monitoring catheters in the cardiac surgical patient. *Anesthesiology* 66:834-836, 1987

13. Wickey GS, Martin DE, Larach DR, Belis JA, Kofke WA, Hensley FA: Combined Carotid Endarterectomy, Coronary Revascularization, and Hypernephroma Excision with Hypothermic Circulatory Arrest. *Anesth. Analg.* 67:473-476, 1988

14. Dodson SR, Hensley FA, Martin DE, Larach DR, Morris DC: Continuous Oxygen Saturation Monitoring during Cardiac Catheterization in Adults. *Chest* 94:28-31, 1988

15. Romanoff ME, Hensley FA, Stauffer RA, Skeeahan TM, Martin DE: Perioperative alcohol withdrawal syndrome associated with myocardial revascularization procedure. *J. Cardiothorac. Anesth* 2:492-496, 1988

16. Hensley FA, Dodson SR, Rung GW, Martin DE, High KM, Larach DR: The effect of a standardized premedication on oxygen saturation in the cardiac patient prior to transfer to the operating room. *J Cardiothorac. Anesth* 3:295-300, 1989.

17. Belis JA, Pae WE, Rohner TJ, Myers JL, Thiele BL, Wickey GS, Martin DE: Cardiovascular evaluation before circulatory

arrest for removal of vena caval extension of renal carcinoma. J. Urol. 141:1302-1307, 1989

18. Wickey GS, Larach DR, Keifer JC, Martin DE, Hensley FA: Combined Interpretation of Transesophageal Echocardiography, Electrocardiography, and Pulmonary Artery Wedge Waveform to Detect Myocardial Ischemia. J Cardiothorac. Anesth 4:102-104, 1990

19. Larach DR, Hensley FA, Martin DE, High KM Rung GW, Skeehan TM: Hemodynamic Effects of Muscle Relaxant Drugs During Anesthetic Induction in Patients with Mitral or Aortic Valvular Heart Disease. J Cardiothorac. Anesth. 5(2):126-131, 1991

20. Gibbs NM, Rung GW, Braunegg PW, Martin DE: The Onset and Duration of Neuromuscular Blockade Using Combinations of Atracurium and Vecuronium. Anaesth and Intens Care (1991) 19, 96-100.

21. Rung GW, Wickey GS, Myers JL, Salus JE, Hensley FA, Martin DE: Thiopental as an Adjunct to Hypothermia for EEG Suppression in Infants Prior to Circulatory Arrest. J Cardiothorac. and Vasc. Anesth. 5(4) : 337-342, 1991

22. Martin DE, Shanks GE: Strategies for the Preoperative Evaluation of the Hypertensive Patient. Anesthesiology Clinics of North America 1999; 17:529-548.

23. Wright LD, Martin DE, Tan TL: Response to Electroconvulsive Therapy in a Quadriplegic Patient. Anesth Analg 1999; 89:1409-1410.

24. Vora AC, Saleem TM, Polomano RC, Eddinger VL, Hollenbeak CS, Girdharry DT, Joshi R, Martin D, Gabbay RA: Improved Perioperative Glycemic Control by Continuous Insulin Infusion under Supervision of an Endocrinologist Does Not Increase Costs in Patients with Diabetes. Endocrine Practice 2004; 10:112-118.

25. Desciak MC, Martin DE: Perioperative Pulmonary Embolism – Diagnosis and Anesthetic Management. Journal of Clinical Anesthesia 2011; 23:153-165.

**26. Orkin FK, McGinnis SL, Gaetano JF, Peterson MD, Schubert A, Katz JD, Berry AJ, Cohen NA, Holzman RS, Jackson SH, Martin DE, Garfield JM: United States Anesthesiologists over 50: Retirement Decision Making and Workforce Implications. Anesthesiology 117: 953-963.**

ABSTRACTS:

1. Martin DE, Rosenberg H: Reduction of postintubation hypertension by low dose fentanyl. *Anesth Analg* 60:264-265, 1981
2. Martin DE, Nicholas GG, Osbakken MD: Does preoperative ejection fraction predict CVP/PCWP correlation during aortic surgery? *Anesthesiology* 57:A20, 1982
3. Martin DE, Joehl RJ: Butorphanol and nalbuphine cause human bile duct obstruction. *Anesthesiology* 59:A324, 1983
4. Berry AJ, Issacson IJ, Kane MA, Schatz G, Clark BT, Beaupre P, Derrer S, Kapur P, Thompson J, MARTIN D, Large HS, Maze M, Spiss CK, Ronai A, Kimovec MA: A multicenter study of epidemiology of hepatitis B in anesthesia residents. New York State Society of Anesthesiologists meeting, December, 1984.
5. Martin DE, Large HS: Cardiovascular response to passive body tilt after subarachnoid anesthesia. *Anesthesiology* 63:A245, 1985
6. Hensley FA, Larach DR, Pennock JL, Pierce WS, Martin DE, Stauffer RA: Anesthetic management of heart transplantation and mechanical heart implantation. 8th Annual Meeting, Society of Cardiovascular Anesthesiologists, April 28, 1986
7. Hensley FA, Dodson DL, Martin DE, Stauffer RA, Larach DR: Oxygen saturation during placement of invasive monitoring in the premedicated, un-anesthetized cardiac patient. *Anesthesiology* 65:A22, 1986
8. Hensley FA, Martin DE, Stauffer RA, Larach DR, Pennock JL: Anesthetic management for cardiac transplantation in North America-1986. *Anesthesiology* 65:A19, 1986
9. Larach DR, Hensley FA, Pierce WS, Martin DE, Stauffer RA: Systemic vascular responses to anesthetic induction in an artificial heart patient with fixed cardiac output. *Anesthesiology* 65:A20, 1986
10. Martin DE, Bulger G, Schneider AJL: An analysis of postanesthesia rounds made by a trained interviewer. *Anesthesiology* 65:A471, 1986
11. High KM, Larach DR, Hensley FA, Al-Mondhiry HA, Bongiovanni MB, Martin DE: Rapid evaluation using the sonoclot analyzer, and standard laboratory tests. Society of Cardiovascular Anesthesiologists Annual Meeting, May 10-13, 1987

12. Hensley FA, Larach DR, Martin DE, High KM, Rung GW, Hindman CR: Continuous oxygen saturation measurement after morphine/scopolamine premedication in the cardiac patient prior to transport to the operating room. Society of Cardiovascular Anesthesiologists Annual Meeting May 10-13, 1987
13. Larach DR, Hensley FA, Williams DR, Martin DE, Larach MG, Snider MT: Carbon dioxide elimination in pediatric patients during cardiopulmonary bypass. Society of Cardiovascular Anesthesiologists Annual Meeting, May 10-13, 1987
14. Skeeahan TM, Larach DR, Schuler HG, Hensley FA, Martin DE, Magovern JA, Cotton V, Landis DL, Cleary TJ, Pierce WS: Vascular response to dopamine infusion in the awake calf during constant flow or constant pressure conditions. Society of Cardiovascular Anesthesiologists Annual Meeting May 10-13, 1987
15. Gibbs NM, Rung GW, Braunegg PW, Martin DE: The Onset and Duration of Neuromuscular Blockade Using Combinations of Atracurium and Vecuronium *Anesth. Analg.* 70:S124, 1990
16. Martin DE, Marshall WK, Skeeahan TM: Effects of Gastric Decompression on Postoperative Nausea and Vomiting in Outpatients. World Congress of Anaesthesiologists, Washington, DC, May 22-28, 1988
17. Martin DE, Bevacqua BK, Ortwein GJ, Eliff JA: Ambulatory Surgery Discharge Score -- A Comprehensive Measure of Street Fitness. World Congress of Anaesthesiologists, Washington, DC, May 22-28, 1988

ABSTRACTS CONT'D:

18. Hensley FA, Dodson SR, Larach DR, Martin DE, High KM: Effect of premedication on continuous oxygen saturation in the cardiac patient prior to transport to the operating room. *Anesthesiology* 67:A4, 1987 Also presented at the Society of Cardiovascular Anesthesiologists Annual Meeting, 1987

19. Larach DR, Hensley FA, High KM, Williams DR, Martin DE, Snider MT: Carbon dioxide elimination during total cardiopulmonary bypass in infants and children. *Anesthesiology* 67:A19, 1987

20. Rung GW, Wickey GS, Salus JE, Myers JL, Hensley FA, Martin DE: Thiopental plasma concentration prior to deep hypothermic circulatory arrest in infants. Society of Cardiovascular Anesthesiologists, Seattle, Washington, April 16-19, 1989.

21. Martin DE, Beatty A: Predicting post-discharge voiding difficulty--effects of surgical procedure and NPO status. Society for Ambulatory Anesthesia Tenth Annual meeting, April 27-30, 1995, Indian Wells, California

22. Martin DE, Clapin AO, Murray WB, Boedeker BH Effects of drug synergism and target controlled administration on dose of propofol required to induce anesthesia in adult outpatients. Society of Ambulatory Anesthesia Tenth Annual Meeting, April 27-30, 1995, Indian Wells, California

23. Vora AC, Polomano RC, Eddinger V, Hollenbeak C, Girdharry T, Martin D, Gabbay RA: Improved Perioperative Glycemic Control by an Endocrinology Team does not Increase Costs in Patients with Diabetes. Presented 83<sup>rd</sup> Annual Endocrine Society Meeting, June 20-23, 2001

24. Marine R, Kimatian S, Long T, Marshall W, Martin D, Walker K: Achieving Competency-based Education and Evaluation in Anesthesiology: An Integrated Systems Model. Society for Education in Anesthesia, June 7-9, 2003, Montreal, Quebec.

25. Stiles ML, Pott L, Martin DE: Evaluation of Resident Performance in Completing a Machine Check on the Narcomed 6000 Series. A924 ASA Annual Meeting, October 16, 2006

26. Berwith G, Sinz E, Chase G, Martin D: Enhancing Visual Recognition: Evaluation of labeling Techniques on Drug Administration Error Rate. A1589 – Annual Meeting, American

Society of Anesthesiologists, October 16, 2007, San Francisco, California

27. Wassef F, Sinz EH, Prozesky J, Martin DE, Dyer AM: Using Improved Visual Techniques to Reduce Drug Administration Errors in the Operating Room. – Annual Meeting, American Society of Anesthesiologists, October 19, 2008, Orlando, Florida

**SCIENTIFIC EXHIBITS:** Murray WB , Boedeker BH, Guzzi L, Martin DE, Vaduva S, Mentzer S, Cantilena L, Meier JH, Clapin A: Tele Anesthesia: A System Based on Target Controlled Anesthesia and Drug Synergism. A.S.A. Annual Meeting, October 21-26, 1995, Atlanta, Georgia

**NON-REFEREED PUBLICATIONS:** Martin DE, Hughes SC: Traditional IV Catheters To Be or Not to be, That is the Question. ASA Newsletter 2005; 69:14-17.

Bloschichak A, West J, Martin DE: Medicare Reimbursement Guidelines for Anesthesiology Services Performed Concurrently with Medical Direction – Q&A. PSA Newsletter, Spring, 2006

Martin DE: Medication Errors Persist: Summit Addresses Intravenous Safety. APSF Newsletter 23:37-39, Fall 2008

Low Tech Safety. Health Leaders. [www.healthleadersmedia.com](http://www.healthleadersmedia.com) February, 2009 (description of medication errors simulation research at Penn State)

**BOOKS AND CHAPTERS IN BOOKS:**

1. Martin DE, Hensley FA, Luck JC: “The Cardiac Patient” in Hensley FA and Martin DE, eds. The Practice of Cardiac Anesthesia, Boston, Little Brown, 1989
2. Moore RA, Martin DE: “Anesthetic Management for the Treatment of Valvular Heart Disease” in Hensley FA and Martin DE eds. The Practice of Cardiac Anesthesia, Boston, Little, Brown, First Edition, 1989
3. Stull MA, Martin DE, Luck JC : “Anesthetic Management of Electrophysiologic Disorders” in Hensley FA and Martin DE eds., The Practice of Cardiac Anesthesia, Boston, Little, Brown, 1989
4. Martin DE, Hensley FA, Chambers CE, Luck JC: “The Cardiac Patient” in Hensley FA and Martin DE eds. A Practical Approach to Cardiac Anesthesia, Second Edition, Boston, Little Brown, 1994

5. Moore RA, Martin DE: “Anesthetic Management for the Treatment of Valvular Heart Disease” in Hensley FA and Martin DE eds. A Practical Approach to Cardiac Anesthesia, Boston, Little Brown, Second Edition, 1994
6. Mathews EL, Atlee JL, Luck JC, Martin DE: “Anesthesia for Patients with Electrophysiologic Disorders” in Hensley FA and Martin DE eds, A Practical Approach to Cardiac Anesthesia, Second Edition, Boston, Little Brown, 1994
7. Hensley FA, Larach DR, Martin DE: “Intraoperative Intra-Anesthetic Complications” Waldhausen JA, Orringer MB eds., Management of Complications in Cardiothoracic Surgery, Chicago, ILL, Yearbook Medical Publishers, 1991
8. Martin DE, Kettl PL: “Anesthesia for Electroconvulsive Therapy”. In Russell GB (ed.): Alternate-Site Anesthesia: Clinical Practice Outside the Operating Room. Boston, Massachusetts, Butterworth Heinemann, 1997
9. Russell GB, Martin DE, Graybeal JM: “A General Overview of Anesthesia in Alternate Site”. In Russell GB (ed.): Alternate-Site Anesthesia: Clinical Practice Outside the Operating Room. Boston, Massachusetts, Butterworth Heinemann, 1997
10. Martin DE: “Hazards of Surgery in the Prone Position”. In Russell GB, Cronin AJ, Longo, SR, Blackburn TW: Near Misses in Neuroanesthesia. Boston, Butterworth Heinemann, 2002
11. Martin DE, Hensley FA, Chambers CE, Luck JC: “The Cardiac Patient” in Hensley FA and Martin DE eds. A Practical Approach to Cardiac Anesthesia, Third Edition, Philadelphia, Lippincott, Williams and Wilkins, 2003
12. Moore RA, Martin DE: “Anesthetic Management for the Treatment of Valvular Heart Disease” in Hensley FA and Martin DE eds. A Practical Approach to Cardiac Anesthesia, Philadelphia, Lippincott, Williams and Wilkens, Third Edition, 2003
13. Martin DE, Chambers CE: “The Cardiac Surgical Patient” in Hensley FA, Martin DE, Gravlee, GP (eds.) A Practical Approach to Cardiac Anesthesia, Fourth Edition, Philadelphia, Lippincott, Williams and Wilkins, 2008
14. Sukernik MR, Martin DE: “Anesthetic Management for the Surgical Treatment of Valvular Heart Disease” in Hensley FA,



Martin DE, Gravlee GP (eds.) A Practical Approach to Cardiac Anesthesia, Philadelphia, Lippincott, Williams and Wilkens, Fourth Edition, 2008

15. Hensley FA, Martin DE, Gravlee GP (eds.) A Practical Approach to Cardiac Anesthesia, Philadelphia, Lippincott, Williams and Wilkens, Fourth Edition, 2008

**16. Martin DE, Chambers CE: “The Cardiac Surgical Patient” in Hensley FA, Martin DE, Gravlee, GP (eds.) A Practical Approach to Cardiac Anesthesia, Fifth Edition, Philadelphia, Wolters Kluwer, 2013**

**17. Townsley M, Martin, DE: “Anesthetic Management for the Surgical Treatment of Valvular Heart Disease” in Hensley FA, Martin DE, Gravlee, GP (eds.) A Practical Approach to Cardiac Anesthesia, Fifth Edition, Philadelphia, Lippincott, Wolters Kluwer, 2013**

**18. Hensley FA, Martin DE, Gravlee GP (eds.) A Practical Approach to Cardiac Anesthesia, Philadelphia, Wolters Kluwer, Fifth Edition, 2013**

RESEARCH FUNDING: 1993-94 -- Grant from Marion Merrill Dow, Inc.  
\$80,068  
Martin DE, Allen G, Murray WB, Luck JC, Proctor LT, Ruffle J, Shelley K: A randomized, double blind, placebo-controlled, dose response trial to assess single dose intravenous dolasetron mesylate in preventing postoperative nausea and vomiting in outpatient laparoscopic gynecologic surgery. Status - completed

1992-93 Grant from Abbott Laboratories  
\$73,656  
Proctor LT, Martin DE, Ruffle J, Skeehan TS, Stene J: A Phase III, Multicenter, Open-Label, Randomized, Comparative Study Evaluating the Effect of Sevoflurane versus Halothane in the induction and maintenance of anesthesia in pediatric ASA class I and II outpatients. Status – completed

1996 – Grant from Hoffman-LaRoche, Inc.  
\$132,000  
Rung GW, Martin DE, Riemondy S, Schuler HG: A double-blind, positive controlled, randomized, multicenter, dose-finding study of

RO 48-6791 (SAIVS) in the acute sedation of patients undergoing surgery under local or peripheral regional anesthesia. Status – completed.

2000-2001 – Julien F. Biebuyck Research Initiation Grant, Penn State University Department of Anesthesiology  
\$15,000

Logginidou H, Tandon T, Frink E, Martin D: Effect of Choice of Induction Agent on Hemodynamic Response to Induction of Anesthesia in Patients Receiving Angiotensin II Antagonists.

2005-2006 – Department Development Grant, Penn State University Department of Anesthesiology  
Sinz E, Berwith G, Martin, DE: Techniques to Reduce Errors in the Administration of Intravenous medications – A Human Factors Evaluation. Department of Anesthesiology Department Development Grant, 2006 - \$5,000

4/7/13