
TIMOTHY WM. MULLETT, M.D.

UNIVERSITY OF KENTUCKY COLLEGE OF MEDICINE
DEPARTMENT OF SURGERY
DIVISION OF CARDIOTHORACIC SURGERY

Curriculum Vitae

I. PERSONAL DATA:

Office Address:

University of Kentucky Medical Center
740 S. Limestone, Suite A301
Lexington, KY 40536-0284

Office Telephone and Fax:

(859) 323-6497
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II. UNDERGRADUATE EDUCATION:

1983 B.S. Florida State University, Tallahassee, Florida

III. MEDICAL EDUCATION:

1987 M.D. University of Florida, Gainesville, Florida

IV. SURGICAL EDUCATION:

1987 - 1990 Resident General Surgery, University of Florida, Gainesville, FL

1990 - 1992 Research Pediatric Surgery, University of Florida, Gainesville, FL Fellow

1991 - 1992 Research American Heart Association
Fellow

1994 - 1996 Fellow Cardiothoracic Surgery, University of Florida, Gainesville, FL

V. MILITARY SERVICE:

22NOV1988 Commissioned U.S. Army Reserve Medical Corps, Captain
07JUN1995 Promoted to Major
15JUN2004 Promotion to Lieutenant Colonel

Active Duty
Served in Operation Iraqi Freedom, 25APR2004 to 13AUG2004
874th Forward Surgical Team, Kirkuk, Iraq

VI. BOARD CERTIFICATION:

12/14/95 American Board of Surgery Certification #040761
10/15/97 American Board of Thoracic Surgery #5983

VII. LICENSURE:

1996 Kentucky #32390 (expires 3/1/09)
1990 Florida #ME 0058266

VIII. HOSPITAL PRIVILEGES:

University of Kentucky Medical Center
800 Rose St.
Lexington, KY 40536

Veteran's Administration Medical Center
Cooper Dr.
Lexington, KY 40536

Central Baptist Hospital
1740 Nicholasville Road
Lexington, KY 40503

IX. PRESENT POSITIONS:

1999 – Present **Surgical Director, Multidisciplinary Lung Cancer Clinic**
Veteran's Administration Medical Center, Lexington, KY

1998 – 2003 **Chief, Cardiothoracic Surgery**
Veteran's Administration Medical Center, Lexington, KY

1998 – Present **Director, Multidisciplinary Lung Cancer Clinic**
Markey Cancer Center, Lexington, KY

IX. PRESENT POSITIONS: (Cont.)

- 1997 – Present **Director, Lung and Heart/Lung Transplant Program**
University of Kentucky Medical Center, Lexington, KY
- 1996 - Present **Associate Professor, Division of Cardiothoracic Surgery**
Chief, General Thoracic Surgery Section
University of Kentucky Medical Center, Lexington, KY

X. AWARDS/HONORS:

- 1979 Eagle Scout
- 1987 Plastic Surgery Outstanding Student Award
- 1988 Ray Bierstadt Award for Outstanding Intern
- 1991 Resident Research Award
- 1991 - 1992 American Heart Association Clinician-Scientist Award (Grant)
- 1992 Mead Johnson Travel Award for Research Presentation
- 1994 Outstanding Teaching Resident in General Surgery
- 2002 Chief Residents Award, University of Kentucky
- 2007 Medical Student Education Award, Department of Surgery (UK)

XI. PROFESSIONAL MEMBERSHIPS:

- 1997 Fayette County Medical Society
- 1998 International Society for Heart and Lung Transplantation
- 1999 American College of Surgeons Oncology Group
- 2000 American Society of Transplant Surgeons
- 2000 Fellow American College of Surgeons
- 2001 Society of Thoracic Surgeons
- 2001 Kentucky Chapter of the American College of Surgeons
- 2002 Society of Surgical Oncology

XII. COMMITTEES:

1996 – 2001	Commodity Standardization Subcommittee
1996 – 2001	Veteran’s Administration SICU Committee
1996 – Present	Kentucky Heart Center – Inpatient Operations Committee
1996 – Present	Hospital committees: Veterans’ Administration, Lexington
1997 – Present	Critical Care Committee – VAMC
1997 – Present	Critical Care Committee - VAMC
1998 – Present	Transplant Center Steering Committee, UKMC
1998 – Present	Multidisciplinary Lung Cancer Program Steering Committee, UKMC
1999 – Present	Cancer Committee, VAMC
2000 – 2001 Medicine.	Dean’s Committee for the Six Year Review of the Department of Radiation
2000 – Present	UNOS Region 11 Heart Review Board
2000 – Present	Lung Cancer Research Project Governance Board
2001 – Present	Search Committee, Chairman, Hematology/Oncology
2001 – Present	Fayette County Medical Society Service Council
2003 – Present	Review Committee for the Markey Cancer Center
2003 – Present	KY Medical Association Cancer Committee
2005 – Present	Oncology Services Executive Council Participant
2005 – Present	Chairman, Cancer Committee

XIII. OTHER SIGNIFICANT SCHOLARLY, RESEARCH, OR ADMINISTRATIVE EXPERIENCE:

Undergraduate: Vice President, Alpha Epsilon Delta, Premedical Honor Society, 1982 - 1983
Director/Designer of Computer Based MCAT Training Program, 1982 – 1984

Medical School: Vice President Medical Class of 1987

Research Fellow: Established Fetal Surgery Research Laboratory, responsible for ongoing research protocols and experiments in fetal lung development and fetal hemodynamics and completing over 100 open fetal procedures

Residency: Department Resident Representative for ACGME Site Visit, March, 1992

XIV. EDITORIAL CONSULTANT/REVIEWER:

Annals of Thoracic Surgery

XV. RESEARCH SUPPORT:

Genzyme Corporation

Principal Investigator: Timothy Wm. Mullett

A Phase III, Double-blind, Randomized Study Comparing Transgenic Recombinant Human Antithrombin III and Plasma Antithrombin III in Patients Undergoing Elective Cardiac Surgery Requiring Cardiopulmonary Bypass.

University of Kentucky Medical Center

1998 – 2000

\$7,000.00

Novartis

Principal Investigator: Timothy Wm. Mullett

A Three Year Randomized, Multicenter, Double-blind, Parallel Group Study of the Efficacy and Safety of SDZ RAD versus Azathioprine as Adjunctive Immunosuppressive Therapy to Inhibit the Decline of Pulmonary Function in Lung or Heart.

University of Kentucky Medical Center

1998-2000.

\$13,450.00

Somatogen

Principal Investigator: Timothy Wm. Mullett

Study to Evaluate the Safety of Recombinant Human Hemoglobin (rHb1.1) When Used for Acute Normovolemic Hemodilation in Patients Undergoing Cardiopulmonary Bypass.

University of Kentucky Medical Center

1997-1998

\$67,008.00

SangStat Corporation

Sub-Investigator: Timothy Wm. Mullett

Prospective, Randomized, Controlled, Open-labeled Evaluation of the Safety and Efficacy of “ready to use” Celsior versus Standard Preservation Solutions for Cardiac Transplantation.

University of Kentucky Medical Center

1997-1998

\$23,500.00

XVI. RESEARCH SUPPORT:

Kentucky Lung Cancer Research Fund

Co-Investigator: Timothy Wm. Mullett

Low-Dose Fractionated Radiation Plus Docetaxel and Cisplatin as Induction Therapy

2003-present

\$200,000

Baxter Healthcare Corporation

Sub-Investigator: Timothy Wm. Mullett

Evaluation of the Topical Hemostatic Efficacy and Safety of Fibrin Sealant Vapor Heated, Solvent/Detergent Treated Compared with Currently Licensed Tisseell VH Fibrin Sealant in Subject Undergoing Cardiac Surgery

2002-2005

\$130,784

The Medicine Company

Sub-Investigator: Timothy Wm. Mullett

A Phase III Study of Angiomax (bivalirudin) in patients with HIT/HITTS Type II, Undergoing Off-Pump Coronary Artery Bypass (OPCAB) Surgery

2003-2005

\$3,000

Nabi Biopharmaceuticals

Sub-Investigator: Timothy Wm. Mullett

A Multicenter, Randomized, Placebo-Controlled, Double-Blinded Study to Evaluate Safety and Immunogenicity of StaphVAX, a Bivalent Staphylococcus aureus Glycoconjugate Vaccine, in Adult Patients Undergoing Cardiovascular Surgery

2004-2005

\$114,445

Procter & Gamble Pharmaceuticals and Alexion Pharmaceuticals

Sub-Investigator: Timothy Wm. Mullett

A Multicenter, Randomized, Double-Blind, Parallel-group, Placebo-Controlled Study of 2 mg/kg Bolus Plus 24-hour 0.5 mg/kg.hr Infusion Pexelizumab in Patients Undergoing Coronary Artery Bypass Grafting with Cardiopulmonary Bypass (PRIMO-CABG II)

2004-present

\$227,500

Scios

Sub-Investigator: William Tm. Mullett

A Pilot, Multicenter, Phase II Randomized, Double-blind, Placebo-controlled Study Trial to Evaluate Nesiritide Infusion, Administered Post Induction of Anesthesia, In the Stabilization and Management of Coronary Artery Bypass Graft (CABG) patients Requiring Cardiopulmonary Bypass Pump (CPB)

2003-2005 \$250,159

XVI. RESEARCH SUPPORT (ACTIVE):

Enzon Pharmaceuticals

Principal Investigator: Timothy Wm. Mullett

A Double-Blind, Placebo-Controlled, Multicenter, Dose-Ranging Study of an Anti-T-Lymphocyte Immune Globulin (EZ-2053) in Prophylaxis of Acute Pulmonary Allograft Rejection in Adult Recipients of Primary Pulmonary Allograft(s)

2005-present

\$128,000

XVII. BIBLIOGRAPHY

Abstracts, Book Reviews and Discussions after Papers:

Mullett TW, Langham MR, Jr., Wood CW. Arterial systemic oxygen tension is decreased in near term fetal sheep with diaphragmatic hernia. *Clinical Research*, 39(4):866A, 1992.

Dickens GR, Sanchez JA, **Mullett TW**, Mentzer RM Jr, Abraham VS, Osborne J, Menon SG: Efficacy and safety of long-term intravenous milrinone therapy as a bridge to cardiac transplantation in patients with end-stage cardiomyopathy: *International Society for Heart and Lung Transplantation*. April 1999.

Hayes D, Murphy B, **Mullett TW**, Ballard H, Feola D. Aerosolized vancomycin for the treatment of MRSA after lung transplantation. *Respirology*. 2009. (in print)

Manuscripts:

Mullett TW, Zoeller T, Bingham HG, et al. Fatal hydrofluoric acid cutaneous exposure with refractory ventricular fibrillation. *Journal Burn Care Rehabilitation*, May-Jun;8(3):216-219, 1987.

Shih W., MD;Romero R., MD; **Mullett TW**, MD; and Milan P., MD, Tc-Depreotide Chest SPECT Demonstrates Pulmonary Metastases from Renal Cell Carcinoma. Volume 32, Number1, March 2004.

Publications:

Jahania MS, Lasley R, Narayan P, **Mullett TW**, Sanchez JA, Mentzer RM Jr., Wagenstein, OH. Adenosine A_{2a} agonist CgS-21680 improves recovery of ventricular function after ischemia-reperfusion in regionally stunned porcine myocardium: *Surgical Forum*, 103-104, 2000.

Jahania MS, **Mullett TW**, Sanchez JA, Narayan P, Lasley R, Mentzer RM Jr. Acute allograft failure in thoracic organ transplantation. *Journal of Cardiac Surgery*; Mar-Apr; 15 (2): 122-128, 2000.

Bernard AC, **Mullett TW**. Mediastinal granuloma complicating histoplasmosis. *Journal of the Kentucky Medical Association*, 2003 Jan;101(1):12-4.

Flynn J, Pharm D, **Mullett TW**, Jahania MS, MD, LeClaire A, Rapp R, Armistead J, Perrier D; Methemoglobinemia Secondary to Topical Benzocaine Use in a Lung Transplant Patient, *The Annals of Pharmacotherapy* File #E315, Case Report, October 2004.

Publications: (Cont.)

Paddock H, Beierle A, Chen M, **Mullett TW**, Wood C, Kays D, Langam M Jr, ; Administration of Prenatal Betamethasone Suppresses the Adrenal-Hypophyseal Axis in Newborns with Congenital Diaphragmatic Hernia; *Journal of Pediatric Surgery*, Volume 39, Number 8, August 2004.

Flynn J, Pharm. D., Akers W, Pharm.D., Joens M, Pharm.D., Stevkovic N, Pharm.D., Waid T, M.D., **Mullett TW, M.D.**, and Jahania MS, M.D., Treatment of Respiratory Syncytial Virus Pneumonia in a Lung Transplant Recipient: Case Report and Review of the Literature: *Pharmacotherapy* 2004.

Paddock H, Beierle EA, Chen MK, Mullett TW, Wood CM, Kays DW, Langham MR Jr. Administration of prenatal betamethasone suppresses the adrenal-hypophyseal axis in newborns with congenital diaphragmatic hernia. *Journal of Pediatric Surgery*; 2004 Aug;39(8):1176-82.

Books and Book Chapters:

Mullett TW, Mentzer RM, Jr.: Esophageal perforation and acute mediastinitis: In Irwin and Rippe's *Intensive Care Medicine* Fourth Edition. Pg. 1824-1828. Irwin, R.S., Cerra, R.B. Rippe, J.M. (eds)., Lippincott-Raven Publishers, Philadelphia, PA. 1998.

Mullett TW, Mentzer, R.M., Jr.: Esophageal perforation and acute mediastinitis: Irwin and Rippe's *Intensive Care Medicine* Fifth edition. Irwin, R.S., Cerra, R.B., Rippe, J.M., Lippincott-Raven Publishers, Philadelphia, PA. 2001.

XVIII. PRESENTATIONS:

Surgery in Lung Cancer: The Importance of Lymph Node Mapping: New Trends in the Management of Lung Cancer. Lexington, KY, November 7, 1997.

Endobronchial Carcinoid: General Tumor Board Presentation, University of Kentucky Medical Center, Lexington, KY, September 4, 1997.

Management of Thoracic Aneurysm: University of Kentucky Emergency Medicine Grand Rounds. University of Kentucky Medical Center, Lexington, KY, May 12, 1998.

Management Principles of Lung Procurement: Kentucky Organ Donor Affiliates. Lexington, KY, March 16, 1999.

Smoking recidivism in a heart transplant population: 19th Annual Meeting of International Society for Heart and Lung Transplantation. San Francisco, CA, April 21-24, 1999.

Management of Thoracic Aneurysm: Emergency Medicine Grand Rounds: University of Kentucky Medical Center, Lexington, KY. May 12, 1998.

XVIII. PRESENTATIONS: (Cont.)

Recipient Screening and Organ Allocation: KODA's Third Annual Fall Conference. Lexington, KY. Sept. 29, 1999.

Thoracic Trauma: Division of Pulmonary and Critical Care Medicine Pulmonary/Critical Care Lecture Series; UKMC, Lexington, KY. Oct. 1, 1999.

Lung Transplantation: KODA. Pikeville, KY. Nov. 1, 1999.

Lung Transplantation Across the Millennium: Department of Surgery Grand Rounds: University of Kentucky Medical Center. Lexington, KY. March 3, 2000.

Comparison of Extra-Corporeal Membrane Oxygenation (ECMO) in Adults: American College of Surgeons Kentucky Chapter. Lexington, KY. March 24, 2000.

Lung Transplantation: Sixteen Annual Symposiums on Diseases of the Chest. Prestonsburg, KY: May 12 & 13, 2000.

Aggressive Management of Lung Cancer in Kentucky: ARH Regional Medical Center: Hazard, KY. September 28, 2000.

Perioperative Challenges for Advanced Laparoscopy: Minimally Invasive Surgery Nursing in the OR Conference. Lexington, KY. October 6, 2000.

Impact of Lung Cancer on Kentucky and Our Response: Department of Surgery Grand Rounds. University of Kentucky Medical Center: Lexington, KY. December 13, 2000.

Cardiopulmonary Support: Pulmonary & Critical Care Lecture Series: University of Kentucky Medical Center. Lexington, KY. March 23, 2001.

New Opportunities in Lung Cancer Research: Markey Cancer Center Conference: University of Kentucky Medical Center. Lexington, KY. June 7, 2001.

Multidisciplinary Management of Lung Cancer, Physician Satisfaction Roundtable, Berea, KY, September 17, 2001.

The Role of the Military in Surgery: Grand Rounds in General Surgery, Lexington, KY. December 18, 2001.

Postoperative Pulmonary Complications: Minneapolis, MN. April 26, 2002.

Lung Cancer in Kentucky: The Importance of Participation in Clinical Trials. Frankfort, KY. August 21, 2002.

Treatment of Malignant Pleural Effusion using Indwelling Drainage: Society of Surgical Oncology. Los Angeles, CA. March 5, 2003.

XVIII. PRESENTATIONS: (Cont.)

Multimodality Approach to Management of Lung Cancer: Does it really save lives? Prestonsburg, KY. May 10, 2003.

The Clinical Spectrum of Lung Cancer and the Markey Cancer Center Lung Cancer Multidisciplinary Team: Lexington, KY, July, 2003.

Updates in Lung Cancer Diagnosis and Treatment. Center for Rural Health, Hazard, Kentucky, March 22, 2005.

Surgery for Symptom Management. UK Markey Cancer Center's Fourth Annual Evolving Strategies in Lung Cancer Diagnosis and Treatment. Lexington, KY, April 23, 2005

Ten Consecutive Cases of Lung Transplantation. The 21st Annual Symposium on Diseases of the Chest. Pulmonary Medicine: An Update. Prestonsburg, KY, May 14, 2005.

Multidisciplinary Management of Lung Cancer: 2006 Lung Cancer Awareness Summit, Frankfort, KY, November 8, 2007.

Management of Pulmonary Metastases in Colon Cancer: 2006 Colon Cancer Symposium Presentation, Lexington, KY, October 27, 2007.

Lung Cancer Awareness: Summit Kick-off Presentation, Belini's restaurant, Lexington, KY, October 23, 2007.

Tobacco Dependence: More Than a Habit, Chantix, The Mansion inside Griffin Gate Marriott Resort, Lexington, KY, May 22, 2007

American College of Surgeons 93rd Clinical Congress, Morial Convention Center, New Orleans, LA, October 7-11, 2007

Auto suture Sales Training Class, Norwalk, CT, November 2, 2007

Covidien National Convention, Gaylord Palms Resort & Convention Center, Orlando, FL, December 11-12, 2007

Society Of Thoracic Surgeons, Hyatt Regency Pier 66, Fort Lauderdale, FL, January 29, 2008

Explorer Conference, Northern Kentucky University, Highland Heights, KY, May 9, 2008

St. Claire Regional Medical Center, The Progress of Joint Research Efforts Between St. Claire Regional Medical and the University of Kentucky, August 11, 2008

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