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## HASSAN K. REDA, M.D.

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### Curriculum Vitae

740 SOUTH LIMESTONE, ROOM A301  
UNIVERSITY OF KENTUCKY COLLEGE OF MEDICINE  
DEPARTMENT OF SURGERY  
DIVISION OF CARDIOTHORACIC SURGERY  
LEXINGTON, KY 40536-0284

PHONE: 859-514-5393  
E-MAIL: hreda2@email.uky.edu

#### EDUCATION:

- Undergraduate: American University of Beirut, Beirut, Lebanon  
Dates attended: February 1988 to February 1991  
**Bachelor of Sciences in Mathematics with Distinction in February 1991**  
**Dean's Honor List, undergraduate – 1988-1991**
- Postgraduate: American University of Beirut (AUB), Beirut, Lebanon  
Dates attended: September 1991 to June 1995  
**Doctor of Medicine with Distinction – June 1995**  
**Dean's Honor List, medical school – 1991-1995**  
**Winner of the Penrose Award (AUB) – June 1995**  
**Alumni Association of AUB Academic Excellence Award In June 1995**  
**Hariri Foundation Award and Golden Pen –in 1993,94,95.**

#### PROFESSIONAL AND TEACHING EXPERIENCE:

- 07/11-Present Associate Professor of Surgery, Division of Cardiothoracic Surgery, University of Kentucky, Lexington, KY
- 11/07-06/11 Assistant Professor of Surgery, Division of Cardiothoracic Surgery, University of Kentucky, Lexington, KY
- 2/05-11/07 Cardiothoracic Surgeon at Laredo Medical Center, Galveston, Texas
- 7/00-6/02 Chief Resident in Cardiothoracic Surgery, University of Texas Medical Branch at Galveston
- 7/00-6/02 Assistant Clinical Instructor in Cardiothoracic Surgery, University of Texas Medical

Branch at Galveston

- 3/01-6/01 Assistant Clinical Instructor of Surgery in Congenital Heart Surgery, Texas Children's Hospital
- 7/99-6/00 Chief Resident: SUNY at Stony Brook; Veterans Affairs Hospital at Northport; Winthrop University Hospital
- 7/95-6/00 Assistant Clinical Instructor of Surgery: State University of New York; University Hospital at Stony Brook; Winthrop University Hospital; Veterans Affairs Hospital at Northport.

**CERTIFICATION:**

- 2003 American Board of Thoracic Surgery, certificate No. 6837
- 2001 American Board of Surgery, certificate No. 46542
- 2001 Endoscopic Vein Harvesting
- 2002 Intuitive Surgical da Vinci Robotic Surgery System
- 2007 Basic Life Support
- 2006 Advance Cardiac Life Support
- 1995 Advance Trauma Life Support

**EXAMINATIONS:**

- Medical College Admission Test – 1991
- USMLE step 1: 91<sup>st</sup> percentile –1994
- USMLE step 2: 84<sup>th</sup> percentile – 1994
- USMLE step 3: 82<sup>nd</sup> percentile – 1996
- American Board of Surgery: 95<sup>th</sup> percentile – 2000
- American Board of Surgery Certifying Exam – 2001
- American Board of Thoracic Surgery Written Exam 2002
- American Board of Thoracic Surgery Oral Exam 2003

**LICENSURE:**

- Kentucky 41214
- Texas K9882
- Lebanon 385/R
- West Virginia 23013

## **PROFESSIONAL MEMBERSHIPS:**

Society of Thoracic Surgeons STS  
American College of Surgeons: Fellow  
American College of Chest Physicians  
American Medical Association  
American Society for Artificial Internal Organs  
International College of Surgeons  
Southern Thoracic Surgical Association

## **AWARDS AND HONORS:**

2009 – 2010 Surgery Faculty Teaching Award – Division of Cardiothoracic Surgery, University of Kentucky, Lexington, Kentucky

## **COMMITTEES:**

OR Committee, A. B. Chandler Medical Center, University of Kentucky, Lexington, Kentucky  
Adult Cardiac Surgery Q & A Committee  
Lung Transplant Patient Selection Committee  
Heart Transplant Patient Selection Committee

## **JUDGE:**

2002 National Student Research Forum Poster Presentations  
The University of Texas Medical Branch  
Galveston, Texas

## **RESEARCH:**

### Principal Investigator

**Evaluation of Perioperative Metoprolol Tartrate for Atrial Arrhythmia Prophylaxis in Patients Undergoing Non-Cardiac Thoracic Surgery: A Pilot Study. March 3, 2010 until March 2, 2011.**

### Sub Investigator

**An Open-Label Randomized, Multicenter, Phase IIIB Study to Assess the Efficacy, Safety, and Tolerance of Beriplex® P/N Compared with Plasma for the Rapid Reversal of Coagulopathy Induced by Coumarin Derivatives in Subjects Requiring Emergency Surgery or Invasive Intervention. Study No. BE 1116\_3003**

**A Randomized, Multicenter, Double-Blind, Group-Sequential Study to Evaluate the Efficacy, Immunogenicity, and Safety of a Single Dose of Merck 0657nl Staphylococcus aureus Vaccine (V710) in Adult Patients Scheduled for Cardiothoracic Surgery.  
Merck Co.**

**Acute Phase Lipoprotein Study**

**Multicenter Infection Surveillance Study Following Cardiac Surgical Procedures. Protocol No. 20071FLCV. I Flow Cooperation.**

**Randomized, Prospective Evaluation of 2% Chlorhexidine Gluconate (“CHG”) Cloths to Reduce Surgical Site Infections in Elective Cardiothoracic Surgery Patients. 2008.**

**CONSERV| - 1 (Clinical Outcomes and Safety Trial to Investigate Ecallantide’s Effect on Reducing Surgical Blood Loss Volume) – A Phase 2 Randomized Placebo-controlled Dose-ranging Study in Subjects Exposed to Cardio-pulmonary Bypass During Primary Coronary Artery Bypass Graft Surgery. ECAL-PCPB-08-02, Version 1: 11/14/08. Cubist.**

**A Prospective Multi-Center Randomized Clinical Study to Evaluate the PleuraSeal Sealant System as an Adjunct to Standard Closure Techniques for Control of Visceral Pleural Air Leaks Following Elective Pulmonary Resection Via Open Thoracotomy-Lead-In Phase. Protocol LUN-06-001. Revision D Version: December 9, 2008. Coviden.**

**The Effect of Acadesine on Clinically Significant Adverse Cardiovascular and Cerebrovascular Events in High-Risk Subjects Undergoing Coronary Artery Bypass Graft (CABG) Surgery Using Cardiopulmonary Bypass (Protocol No. P05633): RED-CABG Trial (Reduction in Cardiovascular Events by AcaDesine in Subjects Undergoing CABG) Schering Corporation.**

**Maintenance of platelet inhiBition with cangreloR after dIscontinuation of thienopyriDines in patients undergoing surGEry: The BRIDGE trial. Protocol No. TMC-CAN-08-02. The Medicine Co.**

#### **ABSTRACTS:**

1. Wang D, Plunkett M, Zhou X, **Reda H**, Thomas J and Zwischenberger B: Percutaneous Cavopulmonary Assist System for Failing Fontan Circulation; ASAIO M 2010; 56:114.
2. Wang D, Plunkett M, Zhou X, **Reda H**, Kinner J and Zwischenberger B: New Failing Fontan Sheep Model; ASAIO M 2010; 56:114.
3. Wang D, **Reda HK**, Lynch J, Zhou X, Croft CB, Zwischenberger JB. Conversion of the Avalon Elite™ Bi-Caval Double Lumen Cannula from VV ECMO to VA ECMO. ASAIO J 2009; 55:135.
4. Wang DN, Croft CB, **Reda HK**, Zwischenberger JB. Uneven flow Pattern within the Affinity gas exchanger. ASAIO J 54: 60A, 2008.
5. Char C, Cuadra S, Bilfinger T.V., **REDA H**, Giron F, Krukenkamp I, Seifert F.C., Mclarty A, Saltman, A, Ricotta J.J. Modeling stroke risk after coronary artery bypass and combined coronary artery bypass and endarterectomy. (Presented at the Eastern Vascular Society 15<sup>th</sup> Annual Meeting, May 2001).
6. Kugaczewski J.T., **REDA H**, Olsen S.E. Spontaneous regression of a neuroblastoma to ganglioneuroma: a relief for the oncologist, a challenge for the surgeon. (Presented at the Annual Scientific Meeting of the Southeastern Surgical Congress, February 2000.)

7. Gorski Y, **REDA H**, Bilfinger T.V., Ricotta J.J. Ischemic complications associated with aortic dissections. (Presented at the 15<sup>th</sup> Annual Meeting New York Vascular Society, May 1999.)

## **BIBLIOGRAPHY and PRESENTATIONS:**

1. Jeremiah T. Martin MD, **Hassan Reda MD**, Jeremy Dority MD, Joseph B. Zwischenberger MD, Zaki-Udin Hassan MD, Surgical Resident Training using Realtime Simulation of Cardiopulmonary Bypass Physiology and Complications with Integration of Echocardiography, presentation at the University of Kentucky, Lexington, KY, 2011.
2. **REDA H.** CABG, Mortality Benefits – Morbidity Benefits, On-Pump vs. Off-Pump, Arterial vs. Venous Conduits, presentation to the Cardiology Department, University of Kentucky, Lexington, KY, August 30, 2010.
3. **REDA H.** Acute Aortic Dissection, Grand Round presentation at the University of Kentucky, Lexington, KY, December 3, 2009.
4. **REDA H.** Atrial Septal Defects, Grand Round presentation at the University of Texas Medical Branch at Galveston, Galveston, TX, 2002.
5. **REDA H.** Mediastinoscopy and Nodal Disease in NSCLC, Grand Round presentation at the University Hospital at Stony Brook, NY, 1999.
6. **REDA H.** Aortic Dissection, Grand Round presentation at the University Hospital at Stony Brook, NY, 1998.
7. **REDA H.** Cushing's Syndrome, Grand Round presentation at the University Hospital at Stony Brook, NY, 1998.

## **PUBLICATIONS:**

1. Joseph B. Jeremiah T. Martin, MD, **Hassan Reda, MD**, Jeremy S. Dority, MD, Zwischenberger, MD, and Zaki-Udin Hassan, MD “Surgical Resident Training Using Real-Time Simulation of Cardiopulmonary Bypass Physiology with Echocardiography” *Journal of Surgical Education*; Article 475, 2011.
2. Martin JT, et al., Cibull Michael L, Zwischenberger JB, **Reda Hassan K**: Infection of an Esophageal Cyst Following Endoscopic Fine-Needle Aspiration; *IJSCR* 2011; 62.
3. Lemon Stephen J., Hatton Kevin W., Ramaiah Chand, Mullett Timothy W., **Reda Hassan**, Flynn Jeremy D. Evaluation of Atrial Arrhythmias Following Noncardiac Thoracic Surgery, *International Surgery*, 2010; Vol. 95-03-205-209.
4. Wilson Joel, **REDA H.**, Gurley John C. “Anomalous right coronary artery from the left anterior descending artery: Case report and review of the literature.” *International Journal of Cardiology*, MS No. IJC-D-09-00736. March 28, 2009.

5. Bilfinger T.V., **REDA H**, Giron F, Seifert F.C., Ricotta J.J. Coronary and carotid operations under prospective standardized conditions: incidence and outcome, *Annals of Thoracic Surgery* 2000 June; 69(6): 1792-8.