

James Joseph Klein Jr., MD**Office Address**

Englewood Hospital and Medical Center
Department of Cardiothoracic Surgery
350 Engle Street
Englewood, New Jersey 07631

Office Telephone

(201) 894-3636

Home Address**Home Telephone****Date of Birth**

December 21, 1965
Brooklyn, New York

Social Security number**Hospital Appointments**

October 1, 2000 to present

Englewood Hospital and Medical Center
Department of Cardiothoracic Surgery
Englewood, New Jersey

Director of Cardiac Surgery Services

May 3, 2000 to present

Englewood Hospital and Medical Center
Department of Cardiothoracic Surgery
Englewood, New Jersey

Director of Cardiothoracic Intensive Care Unit
Attending Staff Surgeon
Cardiothoracic Surgery

May 3, 2000 to present

Englewood Hospital and Medical Center
Department of Cardiothoracic Surgery
Englewood, New Jersey

Co-Director of Cardiothoracic Step-Down Unit
Attending Staff Surgeon
Cardiothoracic Surgery

Hospital Appointments

July 15, 1998-May 2, 2000

Saint Vincent's Hospital and Medical Center
Department of Surgery
New York, New York

Attending Staff Surgeon
Cardiothoracic Surgery

July 15, 1998-May 2, 2000

Staten Island University Hospital
Department of Surgery
Staten Island, New York

Attending Staff Surgeon
Cardiothoracic Surgery

July 15, 1998-May 2, 2000

Sisters of Charity Medical Center
Saint Vincent's Hospital/Bayley Seton Hospital
Department of Surgery
Staten Island, New York

Attending Staff Surgeon
Cardiothoracic Surgery

July 15, 1998-May 2, 2000

Doctors' Hospital
Department of Surgery
Staten Island, New York

Attending Staff Surgeon
Cardiothoracic Surgery

Academic appointments

March 21, 2001 to present

The Mount Sinai School of Medicine
Department of Cardiothoracic Surgery
New York, New York

Assistant Clinical Professor of Cardiothoracic Surgery

April 1, 1999-December 31, 2000

The State University of New York
Health Science Center at Brooklyn
Department of Surgery
Brooklyn, New York

Clinical Assistant Professor of Surgery

July 1, 1990-June 30, 1995

The State University of New York
Health Science Center at Brooklyn
Department of Surgery
Brooklyn, New York
Assistant Clinical Instructor of Surgery

Postdoctoral training

July 1, 1997-June 30, 1998

The Mount Sinai Medical Center
Department of Cardiothoracic Surgery
New York, New York
Randall B. Griep, MD-Chairman

Chief Resident in Cardiothoracic Surgery PGY 8

July 1, 1996-June 30, 1997

The Mount Sinai Medical Center
Department of Cardiothoracic Surgery
New York, New York
Randall B. Griep, MD-Chairman

Senior Resident in Cardiothoracic Surgery PGY 7

July 1, 1995-June 30, 1996

The Mount Sinai Medical Center
Department of Cardiothoracic Surgery
New York, New York
Randall B. Griep, MD-Chairman

Junior Resident in Cardiothoracic Surgery PGY 6

July 1, 1994-June 30, 1995

The State University of New York
Health Science Center at Brooklyn, and
The Kings County Hospital
Department of Surgery
Brooklyn, New York
Richard B. Wait, MD-Chairman

Chief Resident in General Surgery PGY 5

July 1, 1993-June 30, 1994

The State University of New York
Health Science Center at Brooklyn, and
The Kings County Hospital
Department of Surgery
Brooklyn, New York
Richard B. Wait, MD-Chairman

Senior Resident in General Surgery PGY 4

July 1, 1992-June 30, 1993

The State University of New York
Health Science Center at Brooklyn, and
The Kings County Hospital
Department of Surgery
Brooklyn, New York
Richard B. Wait, MD-Chairman

Senior Resident in General Surgery PGY 3

Postdoctoral training

July 1, 1991- June 30, 1992

The State University of New York
Health Science Center at Brooklyn, and
The Kings County Hospital
Department of Surgery
Brooklyn, New York
Richard B. Wait, MD-Chairman

Junior Resident in General Surgery PGY 2

July 1, 1990-June 30, 1991

The State University of New York
Health Science Center at Brooklyn, and
The Kings County Hospital
Department of Surgery
Brooklyn, New York
Richard B. Wait, MD-Chairman

Intern in General Surgery PGY 1

Education

July 1, 1988-May 20, 1990

The State University of New York
Health Science Center at Stony Brook
School of Medicine

Doctor of Medicine

September 1, 1983-May 27, 1988

The Sophie Davis School of Biomedical Education at
The City University of New York
New York, New York

Seven year combined BS/MD program
Bachelor of Science
Cum Laude
Deans List

Certification

June 4, 1999

Diplomate of the American Board of Thoracic Surgery
Certificate number: 6264

October 28, 1996

Diplomate of the American Board of Surgery
Certificate number: 41597

July 1, 1991

Diplomate of the National Board of Medical Examiners
Certification number: 384211

Licensure

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| April 7, 2000 | Medicine and Surgery State of New Jersey License Number: MA70508 |
| May 6, 1994 | Medicine and Surgery State of New York License number: 195664 |

Professional memberships and committees

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|-------------------------------|---|
| October 23, 2006 to present | Operating Room Committee Englewood Hospital and Medical Center Englewood, New Jersey |
| March 15, 2006 to present | Bloodless Medicine Advisory Board New Jersey Institute for the Advancement of Bloodless Medicine and Surgery at Englewood Hospital Englewood, New Jersey |
| September 14, 2005 to present | Medical Executive Committee Englewood Hospital and Medical Center Englewood, New Jersey |
| December 2, 2003 to present | Member Society for the Advancement of Blood Management |
| July 1, 2002 to present | Member New Jersey Chapter of the American College of Surgeons |
| January 28, 2002 to present | Member Society of Thoracic Surgeons |
| October 11, 2001 to present | Fellow American College of Surgeons |
| February 20, 2001 to present | Fellow American College of Chest Physicians |
| July 1, 2000 to present | Procedure Review Committee Englewood Hospital and Medical Center Englewood, New Jersey |
| July 1, 2000 to present | Critical Care Committee Englewood Hospital and Medical Center Englewood, New Jersey |
| July 1, 2000 to present | Cardiac Services Performance Improvement Committee Englewood Hospital and Medical Center Englewood, New Jersey |
| July 1, 2000 to present | Medical Society of New Jersey |

Professional memberships and committees

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| July 1, 2000 to present | Bergen County Medical Society |
| May 1, 2000 to present | Cardiac Steering Committee Englewood Hospital and Medical Center Englewood, New Jersey |
| July 1, 1998 to present | New York Society of Thoracic Surgeons |
| July 1, 1991 to present | American Medical Association |
| September 11, 1995 to June 30, 2000 | Medical Society of the State of New York |
| September 11, 1995 to June 30, 2000 | New York County Medical Society |
| May 31, 1993-May 31, 1996 | American Heart Association Provider Basic Life and Advanced Cardiac Support |
| June 26, 1990-June 26, 1994 | Committee on Trauma American College of Surgeons Provider Advanced Trauma Life Support |
| July 1, 1986-June 30, 1990 | American Medical Students Association |

Invited Lectures

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| September 21, 2004 | Grand Rounds Division of General Surgery Allegheny General Hospital Pittsburgh, Pennsylvania 1,001 Consecutive Attempts at Bloodless Cardiac Surgery |
| July 6, 2004 | Invited Faculty European School of Transfusion Medicine Riga, Latvia 1,001 Consecutive Attempts at Bloodless Cardiac Surgery |
| October 5, 2002 | Invited Faculty Perfusion Dynamics 2002 New Jersey State Perfusion Society Englewood, New Jersey Cardiac Surgery Without (much) Blood: Two Years of Success |
| May 18, 2002 | Invited Faculty Carolina Regional Symposium on Bloodless Medicine Asheville, North Carolina Cardiac Surgery Without (much) Blood: Two Years of Success |

Invited Lectures

August 22, 2001

Grand Rounds
Department of Surgery
Englewood Hospital and Medical Center
Englewood, New Jersey

Bloodless Cardiac Surgery: A One-Year Review

March 17, 2001

Educational Seminar
The New Jersey Institute for The Advancement of
Bloodless Medicine and Surgery

Blood Conservation in Cardiac Surgery

December 5, 2000

Educational Seminar
Department of Emergency Medicine
Englewood Hospital and Medical Center
Englewood, New Jersey

ER Education Day

November 2, 2000

Grand Rounds
Department of Medicine
Englewood Hospital and Medical Center
Englewood, New Jersey

Blood Conservation in Cardiac Surgery

September 21, 2000

Educational Seminar
East Bergen Ambulance Association
Englewood Hospital and Medical Center
Englewood, New Jersey

History of Volunteer Ambulance Services

June 13, 2000

Educational Seminar
Department of Medicine
Englewood Hospital and Medical Center
Englewood, New Jersey

Cardiac Rehabilitation

July 1, 1998 to March 31, 2000

Medical Student Lecture Series
Department of Surgery
Division of Cardiothoracic Surgery
St. Vincent's Hospital and Medical Center

Publications and Presentations

- October 2006
- Use of the Hemobag for Modified Ultrafiltration in a Jehovah's Witness Patient Undergoing Cardiac Surgery
- The Journal of The American Society of Extra-Corporeal Technology
- Volume 38, October 2006
- David M. Moskowitz, MD; **James J. Klein, MD**; Aryeh Shander, MD; Seth I. Perelman, MD; Kirk A. McMurtry, MD; Katherine M. Cousineau, CCP; and M. Arisan Ergin, MD
- January 2005
- Effect of hydroxyethyl starch in a balanced salt solution on bleeding and allogenic transfusion requirements in patients undergoing cardiac surgery at a blood conservation center
- Society of Critical Care Medicine
34th Critical Care Congress (Abstract)
Phoenix, Arizona
- Shander A, Moskowitz DM, **Klein JJ**, Rijhwani TS
- February 2004
- Application of Biological Glue in Repair of Intracardiac Structural Defects
- The Annals of Thoracic Surgery
Volume 77, No 2 (February), 2004
- Daniel Fink MD, **James J Klein MD**, Hyun Kang MD, and M. Arisan Ergin, MD
- February 2004
- Predictors of Transfusion Requirements for Cardiac Surgical Procedures at a Blood Conservation Center
- The Annals of Thoracic Surgery
Volume 77, No 2 (February), 2004
- David M Moskowitz MD, **James J Klein MD**, Aryeh Shander MD, Katherine M Cousineau CCP, Richard S Goldweit MD, Carol Bodian DrPH, Seth I Perelman MD, Hyun Kang MD, Daniel A Fink MD, Howard C Rothman MD, and M. Arisan Ergin, MD

- May 2003
- Effect of Acute Normovolaemic Haemodilution on Coagulation Status
- Abstract and Poster Presentation
The 18th Annual Meeting of the European Association of Cardiothoracic Anaesthesiologists
Prague, Czech Republic
- Mary Krupa CRNA, David Moskowitz MD, **James J Klein MD**, Hank Bennett, and Aryeh Shander MD
- May 15, 2003
- Single Stage Replacement of the Ascending Aorta, Arch, and Descending Aorta: The Endo-Aortic Route (Movie)
- The New York Society of Thoracic Surgery
New York, New York
- James J Klein MD**, David Moskowitz MD, Seth Perelman MD, Hyun Kang MD, and M. Arisan Ergin MD
- March 2003
- Outcomes of Endoscopic Vein Harvesting in Cardiac Surgery Patients
- Surgical Physician Assistant
Volume 9, No 3 (March), 2003
- Richard V. Tea, PA-C and **James J. Klein, MD**
- April 2003
- Principles of Cerebral Protection during Operations on the Thoracic Aorta
- In: Advanced Therapy of Cardiac Surgery (Second Edition)
BC Decker, London, 2003; pp. 291-303
- James J Klein MD**, and M. Arisan Ergin MD, PhD
- November 2002
- Does Acute Normovolemic Hemodilution Work in Cardiac Surgery? (correspondence)
- Anesthesiology
Volume 97, No 5 (November), 2002
- David M. Moskowitz MD, Seth I. Perelman MD, Aryeh Shander MD, and **James J. Klein MD**
- May 2002
- The Effect of Leukocyte Depletion on Time to Extubation and Neurological Dysfunction in High-Risk Cardiac Surgery
- Perfusion
Volume 17, Supplement (May), 2002
- Katherine Cousineau, Lissy Phillip, David Moskowitz MD, **James Klein MD**, and M. Arisan Ergin, MD

Publications and Presentations

April 1999

Risk Factors for Rupture of Chronic Type B Dissections

The Journal of Thoracic and Cardiovascular Surgery
Volume 117, No 4 (April), 1999

Tatu Juvonen MD, M. Arisan Ergin MD, Jan D. Galla MD,
Steven L. Lansman MD, Jock N. McCullough MD,
Khanh H. Nguyen MD, CA Bodian MD, MP Ehrlich MD,
David Spielvogel MD, **James J. Klein MD**, and Randall B.
Griep MD

January 1998

Minimizing Spinal Cord Injury During Repair of
Descending Thoracic and Thoracoabdominal Aneurysms:
The Mount Sinai Approach

Seminars in Thoracic and Cardiothoracic Surgery
Volume 10, No 1 (January), 1998

Randall B. Griep MD, M. Arisan Ergin MD PhD,
Jan D. Galla MD PhD, **James J. Klein MD**, David Spielvogel
MD, and Eva B. Griep MD

Research

September 1, 1989-January 31, 1990

The State University of New York
Health Science Center at Brooklyn
Department of Surgery
Brooklyn, New York

The effects of prostagladins and their inhibitors on
renal failure in the obstructive jaundiced rat

Activities

September 25, 1992-April 28, 1995

The State University of New York
Health Science Center at Brooklyn
Department of Surgery
Brooklyn, New York

Resident lecturer at morbidity and mortality conference

September 1, 1986-May 27, 1988

The Sophie Davis School of Biomedical Education at
The City University of New York
New York, New York

Vice-President of Student Government
Treasurer of Student Government
Student Representative to Admissions Committee
Intramural Softball
Intramural Rugby

September 1, 1983-April 30, 1988

Assistant Scoutmaster
Boy Scout Troop 266
Queens, New York

Designed and instituted educational program regarding
public health, first aid, and emergency preparedness
Delivered to boy scouts aged eight to eighteen

Employment

October 1, 1982-August 31, 1984

Paul Napolitan Incorporated
New York, New York

Junior accounting and office work in claims department
of insurance firm

Personal Achievements

November 30, 1982

Eagle Scout – Boy Scouts of America

