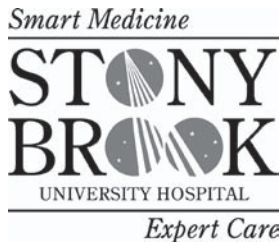


PATIENT CARE / EDUCATION / RESEARCH / COMMUNITY SERVICE

NEWS UPDATE FROM THE  
DEPARTMENT OF SURGERY  
UNIVERSITY HOSPITAL AND  
HEALTH SCIENCES CENTER  
AT STONY BROOK  
FEBRUARY 2006

# POST-OP



## Introducing Dr. Todd K. Rosengart *Our New Chief of Cardiothoracic Surgery*

We are very pleased to introduce Todd K. Rosengart, MD, FACS, FACC, who has joined our faculty as clinical professor of surgery and chief of cardiothoracic surgery. He comes to Stony Brook from Northwestern University's School of Medicine in Chicago, where he was professor of surgery and chief of cardiothoracic surgery at its affiliated hospitals of Evanston Northwestern Healthcare.

*Together with his outstanding leadership skills, Dr. Rosengart's excellence as a physician, educator, and researcher will contribute greatly to the existing strengths of our Division of Cardiothoracic Surgery. He will serve as co-director of the new Heart Center of University Hospital, and will further ensure the established quality of our cardiovascular care delivery system that provides integrated services throughout the continuum of care.*

John J. Ricotta, MD  
Professor and  
Chairman of Surgery



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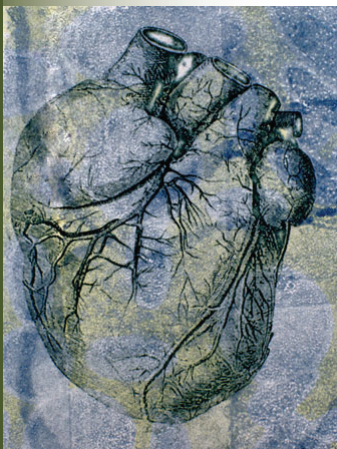
At Stony Brook, Dr. Rosengart will have an active surgical practice. His clinical expertise includes surgery for all forms of adult heart disease, including high-risk states after acute myocardial infarctions and congestive heart failure; minimally invasive surgery; valve repair surgery; aneurysm surgery; and thoracic vascular surgery.

Dr. Rosengart has special expertise in treating high-risk and complex adult heart disease. He has performed pioneering work applying novel strategies, including thoracoscopic "hybrid" bypass that avoids sternotomies, "bloodless" surgery for patients wishing to avoid transfusions, and "biologic bypass" using gene therapy to stimulate the growth of new blood vessels in patients with end-stage coronary disease.

In other efforts aimed at improving the outcomes of cardiothoracic surgery, Dr. Rosengart has tested vaccinations to help prevent infections after surgery, and has done translational research in stem cell transplantation.

Dr. Rosengart has an impressive record as an active researcher as well as a busy clinician. His primary research interest is in the fields of angiogenesis, gene therapy, stem cell transplant, and minimally invasive surgery. He is the recipient of several major grants and honors for his research.

continued on Page 2



**Dr. Rosengart will work closely with his counterpart in cardiovascular medicine, David L. Brown, MD, chief of cardiology and co-director of the Heart Center, who says:**

**"This is an exciting time to join Stony Brook University Hospital. The location of the new Heart Center, with its state-of-the-art diagnostic and treatment technologies, within a world-class university will allow us in short order to develop an internationally recognized program that will provide the best possible cardiovascular care for the residents of Suffolk County and beyond."**

## Introducing Dr. Rosengart

continued from Page 1

About the team of cardiothoracic surgeons at Stony Brook, Dr. Rosengart says, “We are lucky to have such talented surgeons, Drs. Bilfinger, Krukenkamp, Seifert, and McLarty. They have strong and diverse clinical expertise, and they provide first-rate care using the latest approaches to minimally invasive heart surgery, aortic surgery, and lung surgery. For these reasons I look forward to working with them in further developing our cardiothoracic surgery program.”

Dr. Rosengart received his medical doctorate from Northwestern University in 1983. He was in the prestigious Medical Honors Program there. He completed his residency training at New York University (NYU Medical Center; 1990), and his fellowship training in cardiothoracic surgery at New York Hospital (1995).

### PROFESSIONAL EXPERIENCE

At Northwestern University, Dr. Rosengart directed the highly regarded cardiothoracic surgery program of Evanston Northwestern Healthcare. While at Evanston, Dr. Rosengart launched successful cardiac surgery programs at three affiliated hospitals, and as co-director of the Cardiac Care Center at Evanston, helped in recruiting a team of highly recognized surgeons and cardiologists. His division included four surgeons performing a total of over 600 cardiothoracic procedures annually. There, as done here at Stony Brook, the cardiothoracic service combined expert clinicians and a strategically designed care delivery system.

Before joining the faculty at Northwestern University, Dr. Rosengart was an associate professor of cardiothoracic surgery at the Weill Medical College of Cornell University, associate attending cardiothoracic surgeon at New York Presbyterian Hospital, and visiting associate professor of surgery at Columbia University.

Dr. Rosengart also served as a medical staff fellow from 1985 to 1987 in the Surgery Branch of the National Institutes of Health National Heart, Lung and Blood Institute, and as an honorary senior registrar in pediatric cardiac surgery at the Great Ormond Street Hospital for Sick Children in London, England.

In addition to his institutional and research duties, Dr. Rosengart is a fellow of the American College of Surgeons and the American College of Cardiology, and a member of the Society of Thoracic Surgeons, the American Association of Thoracic Surgery, and the Executive Leadership Committee for the American Heart Association’s Surgery and Anesthesia Council, among other professional societies and committees. He founded the Chicago Cardiac Surgical Society, and was a founding member of the national 21st Century Cardiac Surgical Society.



Dr. Rosengart is featured in the current edition of *Guide to America's Top Surgeons*, as well as in Castle Connolly “Best Doctors” books.

Dr. Rosengart has authored over 100 publications and serves on the editorial board of the *Journal of Thoracic and Cardiovascular Surgery* and the *Journal of Cardiovascular and Renal Research*. He also serves as a manuscript reviewer for journals such as the *New England Journal of Medicine*, *Circulation*, and *Annals of Thoracic Surgery*. He has been a contributing editor to *Seminars in Thoracic and Cardiovascular Surgery* and *CT Digest*, among other publications.

### HONORS AND AWARDS

Dr. Rosengart is the recipient of numerous honors and awards for excellence as both a clinician and scientist. While at Evanston, he became the inaugural Owen L. Coon chair of cardiothoracic surgery. Recently, he was selected for inclusion in *Guide to America's Top Surgeons* published by the Consumers’ Research Council of America; selected for inclusion in the Castle Connolly Guide, *America's Top Doctors*; featured in the Castle Connolly Guide, *Best Doctors in Chicago*; listed in Marquis *Who's Who in America*; and listed in the Millennium Edition of *Who's Who in Medicine and Healthcare*.

**University Hospital is providing Dr. Rosengart with additional resources to increase communications between referring cardiologists and our surgeons, and the Heart Center's outreach efforts will also be expanded with the help of dedicated resources.**

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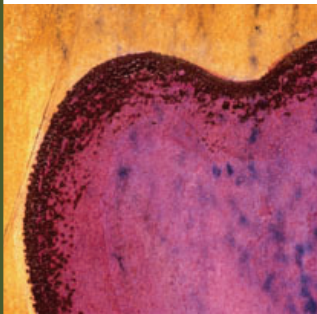
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## OUR CARDIOTHORACIC SURGERY TEAM



**Dr. Todd K. Rosengart**, clinical professor of surgery and chief of cardiothoracic surgery, is board certified in thoracic surgery and general surgery, with extensive experience in heart surgery, including both conventional and novel techniques, for treating high-risk and complex adult heart disease.



**Dr. Thomas V. Bilfinger**, clinical professor of surgery, is board certified in thoracic surgery, general surgery, and surgical critical care, with extensive experience in both heart surgery and chest surgery. He is director of our **program in thoracic surgery** that includes management of lung cancer.



**Dr. Irvin B. Krukenkamp**, professor of surgery and physiology/biophysics, is board certified in thoracic surgery and general surgery, with extensive experience in surgery for treating all forms of adult heart disease, including transmyocardial revascularization for coronary artery disease.



**Dr. Allison J. McLarty**, clinical assistant professor of surgery, is board certified in thoracic surgery and general surgery, with extensive experience in heart surgery for treating all forms of adult heart disease. She heads our **program in thoracic aortic surgery**.



**Dr. Frank C. Seifert**, clinical associate professor of surgery, is board certified in thoracic surgery, general surgery, and surgical critical care, with extensive experience in heart surgery for all forms of adult heart disease. He heads our **program in minimally invasive bypass surgery**.

Our cardiothoracic surgeons see patients at our University Hospital office. For appointments/ consultations, please call (631) 444-1820.

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## Cardiothoracic Surgery Performed at Stony Brook

- **Coronary artery bypass surgery**
  - Primary coronary artery bypass graft (CABG)
  - Off-pump coronary artery bypass (OPCAB)
  - Minimally invasive direct coronary artery bypass (MIDCAB)
  - Thoracoscopic CABG
  - Reoperative surgery
  - Radial artery bypass conduits
  - Gastroepiploic bypass
  - Total arterial revascularization
- **Transmyocardial revascularization (TMR)**
- **Valve surgery**
  - Valve repair
  - Transcatheter repair devices
  - Valve replacement
  - Reoperative surgery
  - Operations for endocarditis
  - Use of a wide array of mechanical and tissue valves
- **Arrhythmia surgery**
  - Microwave maze surgery
  - Minimal access maze surgery
- **Pacemaker implants**
- **Automatic implantable cardioverter-defibrillator (AICD)**
- **Ventricular resynchronization**
- **Cardiac reconstructive surgery**
  - Left ventricular reconstruction
  - Left ventricular aneurysm
- **Adult congenital heart surgery**
- **Idiopathic hypertrophic subaortic stenosis (IHSS)**
- **Major aortic surgery including endovascular aortic surgery**
  - Aortic aneurysm
  - Aortic dissection
  - Traumatic aortic rupture
- **Ventricular assist devices**
  - Intra-aortic balloon pump (IABP) assist device
  - Biventricular assist device
  - "Destination" therapy\*
- **Thoracic surgery**
  - Lung cancers
  - Infectious diseases of the lung
  - Chest injury repair
  - Esophageal cancer or benign disease stricture
  - Gastroesophageal reflux disease (GERD)
  - Lung volume reduction surgery (LVRS)
  - Radiofrequency ablation of lung cancers
- **Congenital heart surgery**
  - Repair of all complex congenital heart defects, including surgery in newborns

\* Program initiation in 2006.

“*Dr. Rosengart joins us at an extraordinary time as we implement the hospital's plan for its Major Modernization Project that includes a comprehensive Heart Center with the latest diagnostic and treatment technologies.*”

Richard N. Fine, MD  
Dean, School of Medicine



www.stonybrookphysicians.com

## Stony Brook Surgical Associates, PC

### BREAST CARE

(631) 444-4550 (tel)

(631) 444-6348 (fax)

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Martyn W. Burk, MD, PhD  
Martin S. Karpeh, Jr., MD  
Louis T. Merriam, MD  
Brian J. O'Hea, MD  
Colette R.J. Pameijer, MD

### BURN CARE

(631) 444-2565 (tel)

(631) 444-6176 (fax)

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Marc J. Shapiro, MD

### CARDIOTHORACIC SURGERY

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(631) 444-8963 (fax)

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Allison J. McLarty, MD  
Todd K. Rosengart, MD  
Frank C. Seifert, MD

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Kevin T. Watkins, MD

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Antonios P. Gasparis, MD

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