

Anesthesiology

Algorithm for Managing Perioperative Bleeding in Clopidogrel Recipients Undergoing CABG (Nussmeier, Nancy A., Chen, LiQian *Spring 2003*)

Recent THI Study Suggests That Preoperative Statin Use is Associated with Reduced Postoperative Mortality (Collard, Charles D. *Fall 2004*)

New Approach to Monitoring for Cerebral Hyperthermia After Cardiopulmonary Bypass (Nussmeier, Nancy A. *Fall 2004*)

Antifibrinolytic Agents May Increase Mortality Risk by Promoting Microthrombus Development (Frazier, O.H. *Spring 2006*)

Preoperative Statin Therapy Is Associated With Reduced Mortality After Coronary Artery Bypass Graft Surgery (Collard, Charles D. *Winter 2007*)

Cerebral Oxygenation During Hypothermic Cardiopulmonary Bypass: Influence of α -stat vs. pH-stat Blood Gas Management (Cooper Jr., John R. *Winter 2007*)

Aneurysm (research)

Hybrid Technique Offers Alternative to Open Repair of Thoracoabdominal Aortic Aneurysms (Gregoric, Igor, Livesay, James J., Krajcer, Zvonimir, Strickman, Neil E. *Summer 2004*)

Matrix Metalloproteinases May Contribute to the Development and Expansion of Thoracic Aortic Aneurysms (LeMaire, Scott A., Coselli, Joseph S. *Fall 2005*)

Monitoring Sensor Inserted With Abdominal Aortic Aneurysm Stent-Graft Implant Shows Promise (Krajcer, Zvonimir *Spring 2006*)

Preventing BioGlue-Related Nerve and Cardiac Conduction Tissue Injury (LeMaire, Scott A. *Summer 2006*)

GenTAC Registry Will Improve Clinical Management of Genetically Induced Thoracic Aortic Aneurysms (Milewicz, Dianna M., LeMaire, Scott A. *Summer 2008*)

Nationwide Study Examines Genetically Triggered Thoracic Aortic Aneurysms (LeMaire, Scott A., Coselli, Joseph S. *Winter 2010*)

Large-scale Database Study Shows Advantages of Endovascular Repair of Descending Thoracic Aortic Aneurysms (Coselli, Joseph S., Bakaeen, Faisal G. *Spring 2011*)

Rare Genetic Copy Number Variants Are Identified in Patients With Thoracic Aortic Aneurysms and Dissections (LeMaire, Scott A., Milewicz, Dianna *Spring 2011*)

Aneurysm (surgery and interventional procedures)

Surgical or Endovascular Repair of Abdominal Aortic Aneurysms at Risk of Rupture (Krajcer, Zvonimir, Reul, George J. *Summer 2002*)

New Technique of Aortic Root Aneurysm Repair Spares the Aortic Valve (Ott, David A. *Fall 2003*)

Intraoperative Spinal Cord Monitoring May Decrease Risk of Neurologic Injury During Aortic Aneurysm Repair (Gregoric, Igor *Winter 2004*)

Hybrid Technique Offers Alternative to Open Repair of Thoracoabdominal Aortic Aneurysms (Gregoric, Igor, Livesay, James J., Krajcer, Zvonimir, Strickman, Neil E. *Summer 2004*)

Surgical and Endovascular Interventions for Brachiocephalic Artery Disease (Cooley, Denton A., Reul, George J. *Winter 2005*)

Multimodality Approach for Organ Protection During Extensive Thoracoabdominal Aortic Aneurysm Surgery (Coselli, Joseph S. *Summer 2005*)

Simultaneous Endovascular Repair of Descending Thoracic and Abdominal Aortic Aneurysms Now Possible (Coselli, Joseph S. *Winter 2006*)

Aortic Repairs in Patients With Marfan Syndrome (Coselli, Joseph S. *Fall 2006*)

Endovascular Treatment of Thoracic Aortic Disease is Beneficial for Selected Patients (Coselli, Joseph S. *Fall 2007*)

Cardiologist at THI at SLEH Is the First Physician in Texas to Implant the Powerlink XL Stent Graft (Krajcer, Zvonimir *Winter 2009*)

Additional Grafts Within Arterial Territories Do Not Improve Outcomes in Coronary Artery Bypass Patients (Coselli, Joseph S. Chu, Danny *Spring 2009*)

Cardiologist at THI at SLEH Is the First Physician in Texas to Implant a Next-Generation EXCLUDER Stent-Graft (Krajcer, Zvonimir *Summer 2009*)

Texas Heart Institute Involved in First Prospective, Multicenter Trial of Totally Percutaneous AAA Repair Technique (Krajcer, Zvonimir *Winter 2012*)

Biostatistics

THI Mines its Database to Improve Treatment for Cardiovascular Disease (Vaughn, William K. *Fall 2002*)

Clinical Database Expansion to Foster Evidence-Based Cardiovascular Care (Elayda, MacArthur, Wilson, James M. *Fall 2004*)

Algorithm Identifies High-Risk Patients After Coronary Revascularization (Elayda, MacArthur A. *Fall 2006*)

Blood Supply

Cardiovascular Centers are Feeling the Effects of America's Worst-Ever Blood Shortage (Bracey, Arthur W. *Winter 2003*)

Bloodless Liver Resection Highlights Blood-Conservation Techniques (Barakat, Omar, Cooper Jr., John R. *Spring 2007*)

Cold Blood and Cold Crystalloid Solution Provide Equivalent Renal Protection During TAAA Repair (LeMaire, Scott A., Coselli, Joseph S *Winter 2009*)

Education

Computerized Physician-Order-Entry System Will Streamline Clinical Care (Hogan, Patrick J. *Winter 2003*)

Medical Web Sites are Helpful Tools for Busy Physicians (Jackson, Marjorie *Spring 2003*)

Addressing Depression in Patients with Coronary Heart Disease (Ray, Priscilla *Fall 2003*)

Training Program Focuses Attention on Overlooked Peripheral Arterial Disease (Henderson, Maria, Reul, George J. *Summer 2004*)

Sleep Centers May Benefit Cardiovascular Patients Who Experience Sleep Apnea (Doerr, Clinton H., Schnee, Mark J. *Winter 2005*)

Physician Education Aims to Blunt Cardiovascular Effects of Obesity, Diabetes, and Metabolic Syndrome (Delgado III, Reynolds M. *Summer 2005*)

Texas Heart Institute's Heart Information Center Website Becomes a Prominent Heart-Health Resource (Hoge, Ken *Fall 2005*)

Ethical Issues in Scientific Publications (Stewart, Donna J. *Spring 2006*)

Heart Sounds and Murmurs Website Offers Training Tool for Physicians (Wilson, James M. *Fall 2006*)

In Complicated Cases, Surgical Expertise and Experience Are Often Decisive Factors (Ott, David A. *Spring 2008*)

The Beginning of the Seasonal Academic Rotation Does Not Affect Cardiac Surgical Outcomes (Bakaeen, Faisal, Coselli, Joseph S. *Fall 2008*)

Level of Experience Does Not Affect Outcomes of Operations Performed by Supervised Cardiovascular Surgical Residents (Bakaeen, Faisal, Coselli, Joseph S. *Fall 2009*)

Heart Sounds Podcasts Help Teach the Art of Auscultation (Wilson, James M. *Fall 2009*)

Impact of Duty-Hour Restrictions on the Outcomes of Coronary Artery Bypass Grafting (Coselli, Joseph S., Bakaeen, Faisal G. *Fall 2010*)

Heart Disease (Cardiology)

Assessing the Role of Gender and Hormone Replacement Therapy in Cardiovascular Disease (Nussmeier, Nancy A. *Summer 2002*)

New ACC/AHA Guidelines for Managing Patients with Acute Coronary Syndromes Reflect Recent Findings (Ferguson III, James J. *Fall 2002*)

Angiotensin Receptor Blockers Find Place in Heart Failure Therapy (Massin, Edward K. *Fall 2002*)

Imaging the Heart With Harmonics (Stainback, Raymond *Fall 2002*)

T-Wave Alternans Testing: A New Noninvasive Means of Preventing Sudden Cardiac Death (Springer, Arthur J. *Spring 2003*)

Assessing Revascularization Options for Patients With Diabetes (Wilson, James M. *Spring 2003*)

Managing Obesity, Diabetes, and Cardiovascular Disease in America's Growing Hispanic Population (Card, Robert J. *Winter 2004*)

Percutaneous Coronary Intervention Versus Fibrinolysis as Initial Treatment for Acute Myocardial Infarction (Angelini, Paolo *Winter 2004*)

THI/SLEH Cardiologists are Trained to Use a New Embolic Protection Device (Fish, R. David *Winter 2004*)

Adults with Congenital Heart Disease Require Specialized Care (Towbin, Jeffrey, Wilson, James M. *Winter 2004*)

Radiofrequency Catheter Ablation Advances Atrial Fibrillation Therapy (Cheng, Jie *Spring 2004*)

Gender-Related Differences in Cardiovascular Disease Prompt Clinical Initiatives (Nussmeier, Nancy A., Woodruff, Amy L., HerHealthyHeart *Summer 2004*)

Potentially Cardiotoxic Cancer Treatments Pose Special Cardiac Challenges (Feghali, Sayed, Yeh, Edward T.H. *Fall 2004*)

Vaccine Shortage Offers Unique Chance to Study Public Awareness and Cardiovascular Benefits of Flu Vaccination (Madjid, Mohammad *Winter 2005*)

Surgical and Endovascular Interventions for Brachiocephalic Artery Disease (Cooley, Denton A., Reul, George J. *Winter 2005*)

Heart Disease Remains the Top Killer of Americans (Cooley, Denton A. *Spring 2005*)

Patent Foramen Ovale: To Treat or Not to Treat? (Fish, R. David *Spring 2005*)

Sudden Cardiac Death in Young Athletes (Angelini, Paolo *Winter 2006*)

Posttraumatic Stress in the Wake of Disasters May Affect Cardiovascular Health (Wilson, James M., Hammonds, Evangelina B. *Winter 2006*)

Approaches to the Treatment of Unstable Angina: A Case Example (Fish, R. David *Summer 2006*)

Hybrid Surgical Procedures Combine the Best of Surgery and Interventional Cardiology (Reul, Ross M., Mortazavi, Ali *Summer 2006*)

Influenza Vaccination for Patients with Cardiovascular Disease Gains Wider Support (Madjid, Mohammad *Winter 2007*)

Parametric Imaging Is a New Echocardiographic Tool for Evaluating Heart Health (Stainback, Raymond F. *Spring 2007*)

Transvenous Left Ventricular Pacemaker Lead Placement Can Be Successful in Patients With Tricuspid Valve Prosthesis (Lopez, J. Alberto *Fall 2007*)

The Texas Adult Congenital Heart Center Offers Specialized Care for Patients With Congenital Heart Disease (Franklin, Wayne J., Fraser, Charles *Winter 2008*)

Autopsy Data Confirm that Influenza and Acute Respiratory Disease Increase Coronary-Related Deaths (Madjid, Mohammad *Winter 2008*)

New Standardized Treatment Practice Implemented for Patients With ST-Segment Elevation Myocardial Infarction (Brown, Larry H. Wilson, James M. *Spring 2008*)

Potentially Dangerous Weight-loss Supplements Are Easily Obtained via the Internet (Razavi, Mehdi Nazeri, Alireza *Summer 2008*)

New Insights Further the Understanding of Left Ventricular Apical Ballooning (Takotsubo Syndrome) (Angelini, Paolo *Summer 2008*)

Texas Heart Institute Cardiologist Is the First Physician in the United States to Implant a Pacemaker Antibiotic Envelope (Massumi, Ali *Fall 2008*)

Texas Heart Institute Cardiologist Performs Procedure to Stop an Unprecedented Ventricular "Electrical Storm" (Cheng, Jie *Winter 2009*)

Pneumococcal and Influenza Vaccination May Have Cardioprotective Effects (Madjid, Mohammad *Winter 2009*)

Alternative Anticoagulation Strategies Improve the Safety and Efficacy of Percutaneous Coronary Interventions (Díez, José G. *Spring 2009*)

Heart Failure in Adults With Congenital Heart Disease Leads to New Challenges in a Special Population (Franklin, Wayne, Parekh, Dhaval *Spring 2009*)

Texas Heart Institute Physicians Join the Fight to Prevent Sudden Cardiac Death in Young Athletes (Angelini, Paolo *Summer 2009*)

Novel Device Can Prevent Pneumothorax During Vascular-Access Procedures (Razavi, Mehdi *Summer 2009*)

Biologic Sex Differences Play a Role in Cardiovascular Disease (Coulter, Stephanie A. *Spring 2010*)

The Peripheral Vascular Laboratory at St. Luke's Episcopal Hospital Provides Integral Support for Cardiovascular Services (Reul, George J., Kazee, Brenda *Spring 2010*)

Comorbid Obesity and Renal Insufficiency Are Associated With Poorer Outcomes After Coronary Artery Bypass Grafting (Pan, Wei, Collard, Charles D. *Spring 2010*)

Postpacing Interval Variability Predicts Global Activation Patterns During Tachycardia (Razavi, Mehdi *Summer 2010*)

Caucasian Race/Ethnicity Is a Risk Factor for New-Onset Atrial Fibrillation After Coronary Artery Bypass Grafting (Razavi, Mehdi, Nazeri, Alireza *Fall 2010*)

A New Catheter-based Procedure Can Eliminate a Main Source of Blood Clots Originating in the Heart (Chen, Jie, Cohn, William E. *Spring 2011*)

Heart Disease (heart failure cardiology)

Biventricular Pacing Finds a Place in Heart Failure Therapy (Seger, John J. *Winter 2003*)

Specialized Heart Failure Center Improves Survival and Quality of Life for Symptomatic Patients (Delgado III, Reynolds M. *Winter 2003*)

Search Continues for Ideal Immunosuppressive Regimens for Heart Transplant Recipients (Smart, Frank *Fall 2003*)

Implantable Hemodynamic Monitor Simplifies Treatment of Chronic Congestive Heart Failure (Smart, Frank W. *Spring 2004*)

Heart Failure Center Offers Gamut of Treatment Options for Chronic Heart Failure (Smart, Frank *Winter 2005*)

The Search Continues for Simple, Reliable Predictors of Advanced Heart Failure (Bogaev, Roberta C. *Summer 2007*)

Heart Failure Program Addresses End-of-Life Care for Patients With Advanced Heart Failure (Delgado III, Reynolds M., Donaho, Erin K. *Summer 2007*)

High School Student Resumes an Active Life After HeartMate II Implantation (Bogaev, Roberta *Summer 2009*)

Approval of the HeartMate II LVAS for Destination Therapy Broadens the Patient Population Eligible for Treatment (Bogaev, Roberta C., Frazier, O.H. *Spring 2010*)

A Simple Blood Test Is as Effective as a Biopsy in Monitoring for Heart Transplant Rejection (Bogaev, Roberta *Summer 2010*)

Researchers Characterize the Plasma Metabolites of Patients With Primary Dilated Cardiomyopathy (Marian, Ali J. *Winter 2011*)

Endomyocardial Calcification Is Identified as a Cause of Heart Failure (Buja, L. Maximilian, Segura, Ana Maria *Winter 2012*)

Heart Disease (cardiology research)

Insights into Vulnerable Plaque are Changing How Physicians Detect and Treat Heart Disease (Willerson, James T., Wilson, James M. *Summer 2002*)

Collaborative Study Explores Links Between Gene Expression and Postoperative Outcomes (Collard, Charles D. *Fall 2002*)

Search Widens for Gene Therapies in Atherosclerosis (Zoldhelyi, Pierre *Winter 2003*)

Gene Polymorphisms in Myocardial Infarction Come Under Increasing Scrutiny (Zoldhelyi, Pierre *Spring 2003*)

Researchers Continue to Clarify Myocardial Cell Survival in the Failing Heart (Taegtmeyer, Heinrich *Summer 2003*)

Emerging Evidence Links Influenza and Coronary Artery Disease (Madjid, Mohammad, Casscells III, S. Ward *Summer 2003*)

C-Reactive Protein: A Powerful Predictor of Cardiovascular Events (Willerson, James T., Yeh, Edward T.H. *Fall 2003*)

Percutaneous Heart Valve Replacement Emerges as Alternative to Traditional Approach (Paniagua, David, Fish, R. David *Spring 2004*)

Innovative Device Addresses Mitral Valve Regurgitation Percutaneously (Cohn, William E. *Summer 2004*)

Novel Integrated Approach to Microscopic Pathology Enhances Cardiovascular Device Research (Clubb Jr., Fred J. *Fall 2004*)

Laboratory Researchers Seek to Harness Clinical Potential of Nanotechnology (Casscells III, S. Ward, Conyers, Jay *Fall 2004*)

Genetics Project Underway to Examine Familial Clustering of Premature Myocardial Infarction (Willerson, James T. *Winter 2005*)

Vaccine Shortage Offers Unique Chance to Study Public Awareness and Cardiovascular Benefits of Flu Vaccination (Madjid, Mohammad *Winter 2005*)

Cellular Housekeeping May Underlie Reverse Remodeling of Mechanically Supported Failing Hearts (Taegtmeyer, Heinrich, Razeghi, Peter *Winter 2005*)

Cox-1 Gene Transfer Technique Shows Promise for Preventing Restenosis After Angioplasty (Zoldhelyi, Pierre *Summer 2005*)

Artificial Aortic Valve Replacements Continue to Evolve (Ott, David A., Fish, R. David, Paniagua, David, Kadipasaoglu, Kamuran *Spring 2005*)

Studies Evaluate the Safety and Efficacy of COX-2 Inhibitors in Cardiac and Noncardiac Surgical Patients (Nussmeier, Nancy A. *Spring 2005*)

Periadventitial Fat and Atherosclerosis (Casscells, Ward S. *Winter 2006*)

Left Ventricular Size and Shape: Determinants of Mechanical Signal Transduction Pathways (Mann, Douglas L. *Spring 2006*)

Proteomics: A Step Beyond Genomics (Engler, David A. *Fall 2006*)

Pharmacogenetics Leads the Way to Individualized Warfarin Therapy (Feldman, David N. *Summer 2007*)

Inflammation Contributes to the Delicate Dance of Apoptosis in the Failing Heart (Mann, Douglas L. *Fall 2007*)

Reversion to a Fetal Metabolic Gene Profile May Protect the Stressed Heart (Taegtmeyer, Heinrich *Winter 2008*)

Hamster Study Shows the Potential Prognostic Value of Body Temperature in Human Cases of Congestive Heart Failure (Gondi, Sreedevi, Brewer, Alan *Spring 2008*)

Molecular Studies Focus on the Genetics of Hypertrophic Cardiomyopathy (Marian, Ali J. *Spring 2008*)

Defects in a Cytoskeletal Protein in Cardiomyocytes May Contribute to Heart Failure (Mann, Douglas L. *Fall 2008*)

Antiviral Treatment Reduces the Risk of Stroke After Influenza Infection (Madjid, Mohammad *Fall 2009*)

Researchers Uncover the Pathogenesis of Arrhythmogenic Right Ventricular Cardiomyopathy (Marian, A.J. *Fall 2009*)

Researchers Characterize an Atherogenic Pathway for a Negatively Charged Low-Density Lipoprotein (Chen, Chu-Huang (Mendel) *Winter 2010*)

Influenza Virus Infects, Inflames, and Inhabits the Arteries of Mice (Madjid, Mohammad *Spring 2010*)

Researchers Use Chromosome Variant to Predict Mortality After Cardiac Surgery (Collard, Charles D. *Fall 2010*)

New Roles Emerge for Sumoylation in the Regulation of Cardiac Gene Expression (Schwartz, Robert *Fall 2010*)

Resolvin E1 Protects Cardiomyocytes From Reperfusion Injury and Limits Infarct Size in Rats (Birnbaum, Yochai *Summer 2010*)

Outcomes of Surgical Versus Endovascular Coronary Revascularization in Patients With Chronic Kidney Disease (Wilson, James *Winter 2011*)

Antitachycardia Pacing Is Clinically Beneficial for Primary Prevention in Patients With Implantable Cardioverter Defibrillators (Saeed, Mohammad, Massumi, Ali *Spring 2011*)

Is Vitamin D a Risk Factor for Acute Coronary Syndromes? (Marian, Ali J., Willerson, James T. *Summer 2011*)

Combining Electrocardiography and Angiography Findings Sheds New Light on Acute ST Elevation Myocardial Infarction (Birnbaum, Yochai *Summer 2011*)

Researchers Identify Muscle-Restricted Coiled-Coil (MURC) as a Potential Causal Gene for Dilated Cardiomyopathy (Marian, Ali J. *Fall 2011*)

THI Cardiologists and Rice University Bioengineering Students Invent New Automated External Defibrillator Pads (Razavi, Mehdi *Fall 2011*)

Heart Disease (surgery)

Off-Pump Coronary Artery Bypass Grafting and Transmyocardial Laser Revascularization Performed Via a Left Thoracotomy (Frazier, O.H. *Summer 2002*)

Mitral Valve Repair at THI Has Been Made Simpler and More Reliable (Ott, David *Summer 2002*)

Maze Procedure Offers Highest Chance of Cure for Atrial Fibrillation (Duncan, J. Michael *Fall 2002*)

Surgical Ventricular Restoration Provides Innovative Treatment of Congestive Heart Failure (Gregoric, Igor, Reul, Ross M. *Summer 2003*)

Anastomotic Connectors in Minimally Invasive Cardiac Surgery (Reul, Ross M., Livesay, James J. *Fall 2003*)

Caregivers Seek New Approaches to Managing Postoperative Pain (Reul, Ross M. *Spring 2004*)

New Hybrid Suites Allow Simultaneous Surgical and Intravascular Procedures (Mortazavi, Ali, Reul, Ross M. *Fall 2005*)

High-Intensity Ultrasound Expands Options for Epicardial Ablation of Atrial Fibrillation (Reul, Ross M. *Winter 2006*)

State-of-the-Art Cardiovascular Surgery (Cooley, Denton A. *Summer 2006*)

Robot-Assisted Cardiovascular Surgery Speeds Recovery (Cohn, William E. *Summer 2006*)

Hybrid Surgical Procedures Combine the Best of Surgery and Interventional Cardiology (Reul, Ross M., Mortazavi, Ali *Summer 2006*)

Low Atrial Fibrillation Rate in Heart Transplant Patients Provides Insights Into Treating Primary Atrial Fibrillation (Cohn, William E. *Winter 2007*)

THI Experience Suggests that Off-Label Use of Low-Dose Recombinant Activated Factor VII Is Safe and Effective (Frazier, O.H., Bruckner, Brian A. *Spring 2007*)

Heart Transplantation Remains a Viable Option for Selected Patients With End-Stage Heart Failure (Gregoric, Igor D. *Summer 2007*)

Two Grateful Patients Visit the Surgeon Who Pioneered the Operation That Saved Their Lives 50 Years Earlier (Cooley, Denton A. *Summer 2008*)

Researchers Identify Genetic Variants Associated with Postoperative Atrial Fibrillation (Collard, Charles D *Fall 2009*)

Nationwide Database Review Shows That CABG and OPCAB Yield Equivalent Early Outcomes (Coselli, Josesh S., Chu, Danny *Winter 2010*)

Risk Models May Overestimate the 30-Day Mortality Risk After Thoracic Aortic Surgery (Coselli, Joseph S., Bakaeen, Faisal G. *Summer 2010*)

Aortic Arch Replacement Using the Y-Graft Technique Compares Favorably with Traditional Approaches (LeMaire, Scott A., Coselli, Joseph S. *Summer 2011*)

Heart Disease (surgical research)

Biocompatible Polymer May Improve Visualization During Off-Pump Coronary Artery Bypass Procedures (Cohn, William E. *Summer 2005*)

Transcutaneous Near-Infrared Spectroscopy for Monitoring Spinal Cord Blood Flow During Thoracic Aortic Surgery (LeMaire, Scott A. *Spring 2006*)

Platelet Function Tests May Identify Patients at Risk of Perioperative Bleeding (Bracey, Arthur *Spring 2007*)

A Mannose-Binding Lectin Gene Haplotype Predicts Myocardial Infarction After Coronary Artery Bypass Surgery (Collard, Charles D. *Fall 2007*)

Preoperative B-Type Natriuretic Peptide Predicts Ventricular Dysfunction, Hospital Stay, and Mortality After CABG (Collard, Charles D. *Fall 2008*)

Texas Heart Institute Is Involved in Multicenter Study of High-Intensity Focused Ultrasound for Treating Atrial Fibrillation (Duncan, Michael J., Reul, Ross M. *Winter 2011*)

Survival Rates are Similar for Men and Women With a Continuous Flow Ventricular Assist Device (Bogaev, Roberta *Spring 2011*)

Heart-Type Fatty Acid Binding Protein is an Independent Predictor of Postoperative Mortality and Ventricular Dysfunction (Collard, Charles D. *Spring 2011*)

Postoperative B-Type Natriuretic Peptide Levels Predict Decreased Longer-term Physical Function After CABG (Collard, Charles D. *Summer 2011*)

Obesity Influences the Incidence of Morbidity But Not Mortality After Coronary Artery Bypass Grafting (Wilson, James M., Elayda, MacArthur E. *Fall 2011*)

Postoperative Serum Creatinine May Be a Biomarker for Mortality After Coronary Artery Bypass Surgery (Pan, Wei, Collard, C. David *Winter 2012*)

Mechanical Circulatory Support Clinical

Emerging Indications for the Jarvik 2000 Continuous-Flow Left Ventricular Assist Device (Frazier, O.H. *Winter 2003*)

Unloading with a Left Ventricular Assist Device May Allow Adrenergic Receptor Recovery (Grigore, Alina *Summer 2003*)

Design Changes Have Improved the Reliability of the HeartMate Pulsatile Blood Pump (Frazier, O.H. *Summer 2003*)

Percutaneous Circulatory Assist Devices May Help Patients in Cardiogenic Shock (Delgado III, Reynolds M., Radovancevic, Branislav *Winter 2004*)

Mechanical Complications Sometimes Necessitate Pump Exchange in Left Ventricular Assist Device Patients (Frazier, O.H. *Winter 2006*)

Percutaneous Transseptal Circulatory Assist Device Bridges Patients to Recovery From Myocarditis (Kar, Biswajit, Loyalka, Pranav, Delgado III, Reynolds *Spring 2007*)

Ventricular Assist Devices Are Similar, Simpler, and Saving More Lives (Frazier, O.H. *Summer 2007*)

HeartMate II Left Ventricular Assist Device Can Provide Effective Hemodynamic Support as a Bridge to Transplant (Frazier, OH *Winter 2008*)

HeartMate II Left Ventricular Assist System Support Can Induce Remission of Heart Failure (Frazier, O.H. *Fall 2008*)

The TandemHeart System Improves the Odds of Survival in Patients With Severe Refractory Cardiogenic Shock (Kar, Biswajit Loyalka, Pranav *Summer 2009*)

TandemHeart Can Provide Rescue Therapy for Patients With Critical Aortic Valve Stenosis (Gregoric, Igor D., Kar, Biswajit *Fall 2010*)

Texas Heart Institute Surgeons Implant 4 SynCardia Total Artificial Hearts in 12 Days (Gregoric, Igor D., Frazier, O. H. *Fall 2011*)

Renal Function Can Improve in Left Ventricular Assist Device Recipients Requiring Renal Replacement Therapy (Frazier, O. H. *Winter 2012*)

Mechanical Circulatory Support Research

Implantable Left Ventricular Assist Devices Become Smaller, Simpler, and Potentially More Durable (Frazier, O.H., Kadipasaoglu, Kamuran *Summer 2004*)

Texas Heart Institute Builds on Long Experience With Mechanical Circulatory Support Devices (Frazier, O.H. *Summer 2005*)

Total Replacement of the Heart with Dual Implantable Continuous-Flow Pumps (Frazier, O.H. *Fall 2005*)

Expanding the Options for Heart Failure Treatment: The AbioCor Total Artificial Heart (Frazier, O.H. *Spring 2008*)

Texas Heart Institute Researchers Study a Total Artificial Heart Comprising Dual Implantable Continuous Flow Pumps (Cohn, William E., Frazier, O.H. *Winter 2009*)

New Tools and Techniques Make Implantation of the Gen2 CorCap Cardiac Support Device Easier and Less Invasive (Cohn, William E. *Summer 2009*)

Newer Ventricular Assist Devices Incorporate Technology That Eliminates Mechanical Bearings (Bogaev, Roberta, Frazier, O.H. *Fall 2009*)

Texas Heart Institute Is Participating in a Multicenter Clinical Trial of the Impella 2.5 System (Civitello, Andrew, Silva, Guilherme *Summer 2011*)

MRI and Imaging

Contrast-enhanced Magnetic Resonance Imaging May Help Clinicians Recognize Hibernating Myocardium (Flamm, Scott D. *Summer 2003*)

New Recommendations Urge Screening for Abdominal Aortic Aneurysms in Older Men Who Have Smoked (Flamm, Scott D. *Spring 2005*)

Noninvasive Multidetector Computed Tomography Closes in on Traditional Invasive Coronary Angiography (Flamm, Scott D. *Fall 2005*)

Is 16-Row Multislice CT Coronary Angiography Useful in Emergency Department Patients With Acute Chest Pain? (Huber, Steffen, Flamm, Scott D. *Summer 2006*)

Sixty-four-Slice Multi-Detector Computed Tomography: A New Tool for Noninvasive Imaging of the Coronary Arteries (Cheong, Benjamin *Fall 2006*)

Detection of Coronary Artery Disease by Stress Perfusion Cardiac Magnetic Resonance Imaging (Cheong, Benjamin *Winter 2007*)

3D Volume Rendering of Images Improves the Planning of Surgical and Interventional Cardiovascular Procedures (Cheong, Benjamin, Wells, William *Winter 2008*)

Researchers Compare Current and New Noninvasive Imaging Techniques for Characterizing Atherosclerotic Plaque (Aboshady, Ibrahim, Buja, L. Maximillian *Spring 2008*)

Appropriateness Criteria Set New Standards for Transthoracic and Transesophageal Echocardiography Usage (Stainback, Raymond *Summer 2008*)

Researchers Test New Techniques for Faster Acquisition of Analysis of Cardiac Magnetic Resonance Images (Cheong, Benjamin *Fall 2008*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is First in US to Use the 32-Channel Achieva 1.5T MR Scanner Clinically (Muthupillai, Raja, Cheong, Benjamin *Spring 2009*)

Delayed-Enhancement Magnetic Resonance Imaging Can Predict Survival in Cardiac Patients (Cheong, Benjamin, Muthupillai, Raja *Winter 2010*)

Magnetic Resonance Imaging Is Effective for Assessing Myocardial Perfusion After Transmyocardial Laser Revascularization (Frazier, O.H., Cheong, Benjamin *Winter 2010*)

Negatively Charged Liposomes Target Atheromas in Watanabe Heritable Hyperlipidemic Rabbits (Walton, Brian *Winter 2011*)

Peripheral Vascular Disease

Surgical and Endovascular Interventions for Carotid Artery Stenosis (Duncan, J. Michael, Krajcer, Zvonimir *Spring 2004*)

Interventional Cryoplasty Therapy for Occlusive Peripheral Artery Disease (Krajcer, Zvonimir *Summer 2005*)

New Hybrid Suites Allow Simultaneous Surgical and Intravascular Procedures (Mortazavi, Ali, Reul, Ross M. *Fall 2005*)

Emerging Predictors of Carotid Artery In-Stent Restenosis May Help Establish Treatment Guidelines (Younis, George A., Krajcer, Zvonimir *Fall 2007*)

Stem Cell Research

Laboratory Research Supports Ongoing and Future Trials of Stem Cell Therapy (Geng, Yong-Jian *Fall 2003*)

Nicotine May Trigger Stem Cells to Differentiate into Viable Cardiac Cells (Geng, Yong-Jian *Spring 2004*)

Texas Heart Institute Establishes Center to Coordinate Stem Cell Research (Willerson, James T., Perin, Emerson C. *Spring 2005*)

Statin Treatment May Promote Myogenesis and Reduce Stem-Cell Apoptosis in Myocardial Ischemia (Geng, Yong-Jian *Winter 2007*)

Remote-Controlled Magnetic Catheter Promises to Improve Delivery of Therapeutic Stem Cells to Damaged Myocardium (Perin, Emerson C. *Spring 2007*)

Stem Cells Fuse With Host Cardiomyocytes in Myogenesis (Yeh, Edward T. H., Willerson, James T. *Fall 2007*)

Stem Cells From Adult Adipose Tissue Have Cardiovascular Myogenic Potential (Geng, Yong-Jian *Winter 2008*)

Researchers Study the Roles of Integrins and Chemokines in Stem Cell Mobilization, Homing, and Engratment (Dixon, Richard *Winter 2009*)

Researchers Further Knowledge of Cardiomyocyte Death and Renewal (Vela, Deborah, Buja, L. Maximilian *Spring 2009*)

Mesenchymal Stem Cells Improve Healing After an Acute Myocardial Infarction (Vela, Deborah C., Buja, L. Maximilian *Winter 2010*)

Erythropoietin Protects Stem Cells Against a Cytotoxic Environment (Geng, Yong-Jian *Spring 2010*)

Long-term Survival of Transplanted CD34+ Cells Contributes to Improved Cardiac Function (Yeh, Edward T.H. *Summer 2010*)

Researchers Use Gadonanotubes for In Vivo Tracking of Stem Cells (Tran, Lesa, Perin, Emerson C., Willerson, J.T. *Winter 2011*)

CD34+/M-cadherin+ Bone Marrow Progenitor Cells May Protect Against Ischemic Injury in Mice (Dixon, Richard A. F. *Fall 2011*)

Reporter Gene Imaging Can be Used for Long-term Monitoring of Transplanted Cells in the Pig Heart (Perin, Emerson C., Willerson, James T. *Winter 2012*)

A Novel Bispecific Antibody May Improve Retention of Transplanted Stem Cells in Injured Myocardium (Woodside, Darren G. *Winter 2012*)

Stem Cell Therapy

Stem Cell Therapy Moving From Bench to Bedside (Perin, Emerson C., Willerson, James T. *Summer 2002*)

Autologous Bone Marrow Transplantation Shows Potential for Treating Severe Ischemic Heart Disease (Perin, Emerson C., Willerson, James T. *Spring 2003*)

Nation's First Stem Cell Therapy Trial Underway for Adult Patients with Advanced Heart Failure (Perin, Emerson C., Willerson, James T. *Summer 2004*)

Improved Delivery Becomes a New Goal in Cardiac Stem Cell Therapy (Perin, Emerson C. *Fall 2005*)

First Clinical Trial Will Evaluate New Stem Cell Technology for Heart Failure Therapy (Perin, Emerson C., Willerson, James T. *Spring 2006*)

New Clinical Trial Evaluates Promising Stem Cell Therapy for Peripheral Vascular Disease (Perin, Emerson C., Willerson, James T. *Fall 2006*)

Of the Multiple Types of Stem Cells, Can One Best Prevent Heart Failure? (Perin, Emerson C. *Summer 2007*)

Patient Receives Allogeneic Mesenchymal Precursor Cells to Treat Acute Myocardial Infarction (Perin, Emerson C. Willerson, James T. *Summer 2008*)

The Texas Heart Institute at St. Luke's Episcopal Hospital Continues at the Forefront of Stem Cell Therapy (Perin, Emerson C., Willerson, James T. *Spring 2009*)

Cardiovascular Cell Therapy Research Network Is Enrolling Patients (Perin, Emerson Willerson, James T. *Summer 2010*)

FOCUS-HF Trial Shows Cell Therapy Is Safe and Benefits Patients With Ischemic Heart Failure (Perin, Emerson C., Willerson, James T. *Summer 2011*)

Cell Therapy With Aldehyde Dehydrogenase Bright Cells May Benefit Patients With Critical Limb Ischemia (Perin, Emerson C., Willerson, James T. *Fall 2011*)

Updates

Using Gene Therapy to Restore Prostacyclin and Inhibit Tissue Factor in Atherosclerotic Arteries (Zoldhelyi, Pierre, Willerson, James T. *Summer 2002*)

Trial to Test the Use of Drug-Coated and Drug-Eluting Stents (Fish, R. David *Summer 2002*)

A New Drug Expected to Reduce the Need for Blood Transfusions During Surgery (Nussmeier, Nancy A. *Fall 2002*)

Current Research Topics Involving THI's Research Database (Hogan, Patrick *Fall 2002*)

Research Explores Early Cardiac Development and Function (Geng, Yong-Jian *Fall 2002*)

Brazilian Trial Uses Stem Cell Therapy to Treat Heart Failure Patients (Perin, Emerson C., Willerson, James T. *Winter 2003*)

FDA Approves HeartMate LVAD for Permanent Use (Frazier, O.H. *Winter 2003*)

THI Surgeons Implant AbioCor Implantable Replacement Heart (Frazier, O.H. *Spring 2003*)

11th AbioCor Implanted at THI; 2 THI Patients Receive Jarvik 2000 LVAD (Frazier, O.H. *Summer 2003*)

Transplant Recipient Marks 20th Anniversary (Massin, Edward K., Frazier, O.H. *Summer 2003*)

Carotid Endarterectomy at THI/SLEH (Duncan, J. Michael, Reul, George J. *Summer 2003*)

FDA Approves Sirolimus-Coated Stents (Ferguson, Terry *Summer 2003*)

Multicenter Trials to Test the Safety of CentriMag and TandemHeart on Patients (Delgado III, Reynolds *Fall 2003*)

THI Researchers Studying Relationships Between Influenza, Atherosclerosis, and Vulnerable Plaque (Casscells, S. Ward, Madjid, Mohammad *Fall 2003*)

Brazilian Stem Cell Trial Follow-Up Continues (Perin, Emerson C., Willerson, James T. *Fall 2003*)

First HeartMate II Implantation Performed at THI (Frazier, O.H. *Winter 2004*)

Inflammatory Marker Research Heats Up (Casscells III, S. Ward *Winter 2004*)

Emergency Department Expansion Bolsters Cardiac Services (Cooley, Denton A. *Winter 2004*)

National Heart Failure Registry (Ferguson, Terry *Winter 2004*)

Trial to Test the Safety of 2 Anti-Inflammatory Drugs (Collard, Charles D. *Spring 2004*)

12th AbioCor Implanted (Frazier, O.H. *Spring 2004*)

THI Participating in Epic Heart Valve Trial (Duncan, Michael, Ott, David, Reul, George, Reul, Ross *Summer 2004*)

Implantable Cardiac Monitor Improves Patient Care (Delgado III, Reynolds M. *Spring 2005*)

View CME Archives Online (Hogan, Patrick *Spring 2005*)

Pulsatile LVADs As Destination Therapy for End-Stage Heart Failure Patients (Frazier, O.H. *Summer 2005*)

New School for Cardiac Support (Myers, Tim *Summer 2005*)

View CME Archives Online (Hogan, Patrick *Summer 2005*)

View CME Archives Online (Hogan, Patrick *Fall 2005*)

Ongoing Trials on Patients Undergoing Major Cardiac Surgery While on Cardiopulmonary Bypass (Nussmeier, Nancy A., Grigore, Alina *Fall 2005*)

View CME Archives Online (Hogan, Patrick *Winter 2006*)

Miracle Workers (Cohn, William E. *Spring 2006*)

Douglas L. Mann, MD, Appointed Chief of Cardiology at the Texas Heart Institute at St. Luke's Episcopal Hospital (Mann, Douglas L. *Spring 2006*)

St. Luke's Episcopal Hospital Adds New CT Scan Technology (Cheong, Benjamin *Summer 2006*)

Texas Heart Institute Rises in Rank Among Top 10 Heart Centers (Cooley, Denton A. *Fall 2006*)

Patient Recruitment for 3 FDA Approved Clinical Trials (Willerson, James T., Perin, Emerson C. *Fall 2006*)

Food and Drug Administration Approves AbioCor Artificial Heart for Permanent Use (Frazier, O.H. *Winter 2007*)

Symposium to Examine the Role of Inflammation in Atherosclerosis (Geng, Yong-Jian *Winter 2007*)

Symposium to Address Common Problems Faced by Physicians Who Treat Patients With Cardiac Arrhythmias (Massumi, Ali *Winter 2007*)

THI Website Honored (Hoge, Ken *Spring 2007*)

Smithsonian Displays the Liotta-Cooley Artificial Heart (Cooley, Denton A. *Spring 2007*)

Roberta C. Bogaev, MD, Named Director of Advanced Heart Failure and Cardiac Transplantation (Bogaev, Roberta C. *Summer 2007*)

Texas Heart Institute at St. Luke's Episcopal Hospital to Take Part in an NIH Stem Cell Study Consortium (Willerson, James T., Perin, Emerson C. *Summer 2007*)

THI Staff Member is Appointed Assistant Secretary of Defense for Health Affairs (Casscells III, S. Ward *Summer 2007*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Ranked Among the Nation's Top 10 Heart Centers (Cooley, Denton A. *Fall 2007*)

Texas Heart Institute at St. Luke's Episcopal Hospital Participates in Collaborative Thoracic Aortic Research (Coselli, Joseph S. *Fall 2007*)

Dr. Willerson Receives Katz Prize (Willerson, James T. *Winter 2008*)

Felt Plug Simplifies LVAD Explanation (Frazier, OH, Cohn, WE *Winter 2008*)

THI Surgeons Featured in The Mysterious Human Heart (Cooley, Denton A., Frazier, O.H. *Winter 2008*)

Michael E. DeBakey, MD, Honored at Denton A. Cooley Cardiovascular Surgical Society Meeting (Cooley, D.A. *Spring 2008*)

Texas Heart Institute Develops a New Risk Scoring Protocol (Elayda, MacArthur *Spring 2008*)

Erratum: Correction to "HeartMate II Left Ventricular Assist System Receives Approval for Commercial Use." Heart Watch, Winter 2008 Edition, page 2. (Frazier, O.H. *Spring 2008*)

HeartMate II LVAS Is Approved as a Bridge to Transplantation (Frazier, O.H. *Summer 2008*)

Denton A. Cooley, MD, Inducted Into Michael E. DeBakey International Surgical Society (Cooley, Denton A. *Summer 2008*)

Texas Heart Institute Awarded NIH Grant for New Artificial Heart (Frazier, O.H. *Summer 2008*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Ranked Among Nation's Top 10 Heart Centers (Cooley, Denton A. *Fall 2008*)

James T. Willerson, MD, Is Appointed President of THI (Willerson, James T. *Fall 2008*)

Michael E. DeBakey, MD, Dies at Age 99 (Cooley, Denton A. *Fall 2008*)

Edward T.H. Yeh, MD Named a McNair Scholar (Yeh, Edward T.H. *Winter 2009*)

Robert J. Schwartz, PhD, Brings His Expertise in Cardiac Regenerative Therapy to THI at SLEH (Schwartz, Robert J. *Spring 2009*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Honored for Clinical Excellence (Willerson, James T. *Spring 2009*)

Low Body Temperature May Predict Congestive Heart Failure Complications (Ahmed, Amany Aboshady, Ibrahim *Spring 2009*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Recognized for Superior Heart Care (*Summer 2009*)

Texas Heart Institute at St. Luke's Episcopal Hospital Strengthens Its Partnership With the University of Texas System (Willerson, James T. *Summer 2009*)

National "July Effect" Study Published (Bakaeen, Faisal *Fall 2009*)

Available Podcasts (Wilson, James T. *Fall 2009*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Ranked 5th Among the Nation's Top 10 Heart Centers (Willerson, James T. *Fall 2009*)

THI at SLEH Receives Grants for Cutting-Edge Research (Willerson, James T., Dixon, Richard A.F. *Winter 2010*)

Residents Perform Safe Aortic Valve Replacement in Octogenarians (Bakaeen, Faisal G. *Winter 2010*)

THI at St. Luke's Receives Grant for Combined Stem Cell and Heart Assist Device Therapy (Gregoric, Igor, Kar, Biswajit *Spring 2010*)

Denton A. Cooley Cardiovascular Surgical Society and Michael E. DeBakey International Surgical Society Hold Historic First Joint Meeting (*Spring 2010*)

Drs. Denton A. Cooley and James T. Willerson Receive Scientific Achievement Awards (*Summer 2010*)

Senior Research Scientist Joins THI at St. Luke's (*Summer 2010*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Ranked Among the Nation's Top 10 Heart Centers (Cooley, Denton A., Willerson, James T. *Fall 2010*)

Texas Heart Institute Establishes a Center for Women's Heart & Vascular Health (Coulter, Stephanie. *Winter 2011*)

New Research Program to Examine Houston Middle-School Students for Heart Conditions Associated With Sudden Cardiac Death (*Winter 2011*)

Former First Lady Laura Bush Received 2011 Denton A. Cooley Leadership Award (*Spring 2011*)

Texas Heart Institute at St. Luke's Episcopal Hospital Is Ranked Among the Nation's Top 10 Heart Centers for the 21st Consecutive Year (*Summer 2011*)

THI Physicians Investigating New Percutaneous Valve System in Nationwide Trial (*Summer 2011*)

THI's Center for Coronary Artery Anomalies and Its Kinder Outreach Program (Willerson, James T., Angelini, Paolo *Fall 2011*)

THI Establishes a Center for Heart Valve Disease (Carabello, Blase, Fish, R. David *Fall 2011*)

Denton A. Cooley, MD, Texas Heart Institute Founder, Publishes His Memoir (Cooley, Denton A. *Winter 2012*)

Texas Heart Institute Launches Its First App (Willerson, James T. *Winter 2012*)