

COMBATING CARDIAC DISEASE



Dr. Richard Shlofmitz, Catholic Health Chairman of Cardiovascular Services, performs minimally invasive Precision Angioplasty to unblock arteries.

No matter where you live on Long Island, St. Francis Heart Center is within easy reach

St. Francis Heart Center has been recognized as a national leader in cardiology more often than any hospital on Long Island. Our physicians are best in class in every sub-specialty pertaining to cardiology, including:

- **Interventional Cardiology** – Non-invasive remediation of blocked arteries
- **Electrophysiology** – Pioneers in the treatment of irregular heartbeats
- **Open Heart Surgery** – The largest surgical caseload in New York State and among the highest success rates
- **Congestive Heart Failure** – State-of-the-art disease management to reduce the frequency and duration of hospital visits
- **Structural Heart Repair** – Leaders in minimally invasive valve replacement, such as TAVR
- **Diagnostic Cardiology** – Experts in the use of sophisticated intravascular imaging to pinpoint the source of cardiac issues



Newell Robinson, MD, and George Petrossian, MD, are experts at transcatheter aortic valve replacement (TAVR), a minimally invasive procedure.

We use leading-edge technology, diagnostic imaging and restorative techniques to treat patients coping with all forms of heart disease. And we're leading the way in more and more non-invasive approaches to unblock arteries and replace failing heart valves, adding years to the lives of so many Long Islanders.

“ We were thrilled to be among the first centers in the United States to offer our patients on Long Island access to this potential therapy as part of this important study.

Dr. Shlofmitz



St. Francis Heart Center—Access to Superior Care Across Long Island

Now St. Francis Heart Center is available in both Nassau and Suffolk counties. Our evidence-based program of award-winning cardiovascular care is now at Good Samaritan Hospital in West Islip and Mercy Hospital in Rockville Centre. Later this year, we'll bring our expert cardiologists and support teams to St. Joseph Hospital in Bethpage.

When you hear Long Islanders speak about the outstanding cardiovascular expertise provided by St. Francis Heart Center, don't think of that as a singular location but rather as a comprehensive program available across our integrated Catholic Health system.

If you or your loved one is being cared for by St. Francis Heart Center, your heart's in the right place.





SPECIAL ADVERTISING SECTION

UNPARALLELED EXPERTISE IN TREATMENT AND PREVENTION OF HEART DISEASE

SONIC WAVES UNBLOCK ARTERIES

SPONSORED BY Catholic Health



DR. RICHARD A. SHLOFMITZ, MD
Chairman of Cardiovascular Services, Catholic Health

New research conducted at St. Francis Heart Center recently published in the **Journal of the American College of Cardiology (JACC)** shows that patients with an advanced form of coronary artery disease (CAD) can benefit from an investigational treatment using sonic pressure waves to break up hardened blockages in the heart. The novel therapy is known as intravascular lithotripsy (IVL). Similar to the therapy used to break up kidney stones, IVL is currently being reviewed by the U.S. FDA for potential pre-market approval in the United States under a “breakthrough” designation.

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as part of this important study,” said Richard Shlofmitz, MD, Chairman of Cardiovascular Services for Catholic Health. “Hardened calcium within the heart is becoming more common as people are living longer and is very challenging to treat. From the new research just published, we now know that sonic pressure waves can modify the calcium in a predictable and safe manner and potentially help patients avoid unnecessary complications of previous treatments. We’re very optimistic the FDA will authorize this treatment very soon so we can offer it to many more patients.”

“It’s called ‘precision angioplasty,’ and it’s changing the game for PCIs.

Dr. Shlofmitz

Precision angioplasty takes stent placement to the next level

The interventional cardiologists at St. Francis Heart Center have raised the bar for percutaneous coronary interventions (PCI), using the most current 3-D intravascular imaging for the exact placement of stents, customizing its length and diameter to the exact millimeter. This technology greatly enhances outcomes by reducing the recurrence of restenosis, the re-narrowing of the cleared site.

“Until recent years, interventional cardiologists used 2-D imaging to guide them in the placement of coronary stents,” said Dr. Shlofmitz. “That meant the physician, no matter how experienced, was eye-balling the best placement and length of each stent. Now, with 3-D intravascular imaging, the guesswork goes away.”



Dennis Anderson (ctr) received emergency treatment by St. Francis physicians based at Good Samaritan Hospital, undergoing a complex, lifesaving procedure to replace a ruptured aorta.

Because St. Francis Heart Center is part of Catholic Health, their physicians are able to perform the same quality of PCIs in its sister hospitals, Good Samaritan Hospital in West Islip and Mercy Hospital in Rockville Centre. Later this year, the program will expand to St. Joseph Hospital in Bethpage.



The Shockwaves device uses sonic pressure waves to break up hardened blockages in the heart.



Left to right: Ezra Deutsch, MD; Christopher LaMendola, MD; Paul J. Lee, MD; Co-Directors of The St. Francis Heart Valve Center at Good Samaritan Hospital.



“Everyone at St. Francis is so compassionate. They’re all angels with wings as far as I am concerned,” said Jeff Stern, who needed an urgent procedure to correct atrial fibrillation, performed by Joseph Levine, MD, Director of the Arrhythmia and Pacemaker Center at St. Francis Heart Center.



St. Francis Hospital has been recognized for nursing excellence 4 times in a row by Magnet.



HEART BYPASS SURGERY



AORTIC VALVE SURGERY



HEART FAILURE



TRANSCATHETER VALVE REPLACEMENT



**When we see Long Island, before all else, we see you—
every unique, astounding one of you.**

Because it's your rich and vibrant lives that breathe life into our island. So, at every Catholic Health hospital, practice, and care facility, we're able to provide the highest quality, most innovative care for your body because our culture cherishes your humanity.

For more information, visit [LongLiveLongIsland.org](https://www.LongLiveLongIsland.org)