



Comprehensive Cardiac Operating Suite

Fact Sheet

SUMMARY

With the creation of a new Comprehensive Cardiac Operating Suite, advanced imaging and navigation technology will **minimize** invasive surgical procedures and **drive** patient-focused care. An integrated multidisciplinary heart team will provide treatment of **complex** cardiovascular diseases.



PROJECT DESCRIPTION

The Dominican Hospital Foundation is working on a new project to improve Dignity Health Dominican Hospital's surgical capacity for our patients, their families, and our providers. The new Comprehensive Cardiac Operating Suite is a space where interventional radiologists, cardiologists, and cardiovascular surgeons can work side-by-side in the same room, at the same time.

Dominican Hospital's cardiac program offers comprehensive heart-care, including prevention programs, diagnostic technology, and cutting-edge treatment. In addition to coronary bypass surgery, the cardiac surgery program offers open-heart surgery, valve and aortic repairs, aneurysm procedures, and minimally invasive techniques such as Trans catheter Aortic Valve Replacement (TAVR).

When the need arises, access to emergency services and advanced cardiac services is critical to saving lives. Dominican Hospital is the only receiving Emergency Room for cardiac emergencies throughout Santa Cruz County.

BENEFITS TO PATIENTS

- Deliver faster and improved heart care
- Availability of high-tech imaging and diagnostic equipment
- Shortened procedure times
- Reduced hospital stays
- Reduced infection risks
- Faster recovery with fewer follow-up procedures
- Greater procedure scheduling flexibility
- The most advanced technology and equipment in the world



“Dominican Hospital’s heart and vascular program delivers unsurpassed cardiac care to our patients, right here in our community,” said Dominican Hospital President, Nanette Mickiewicz, MD. “The Society of Thoracic Surgeons is considered one of the highest standards to evaluate cardiac surgery programs, and this recognition underscores the excellence of our surgical team.”

ONE OF THE MOST ADVANCED OPERATING SUITES IN THE MONTEREY BAY AREA.

Located at Dominican Hospital, the Comprehensive Cardiac Operating Suite brings equipment, technology and collaboration together to allow surgeons to perform newly developed, minimally invasive procedures. More importantly, it will allow for multiple procedures without transferring the patient to a second operating room.

Patients who have open-heart surgeries generally stay in the hospital for about four days, but with the new Suite, their hospital stay may be reduced to one or two days. As a result, patients may have less pain and a decreased risk of infection.

“Dominican Hospital’s cardiac program is the most decorated in the Monterey Bay area, and treats the most complex cases,” said Bilal Shafi, MD, cardiothoracic surgeon. “We deliver a comprehensive approach to care that leads to the best outcomes for our patients.”

The new space embraces the latest multidisciplinary model of care, using cutting-edge techniques to combine separate fields of cardiac care expertise. This suite will incorporate the existing cath-lab with a new operating room for patients needing minimally invasive procedures, as well as open heart surgeries.

STATEMENT BY CARDIOTHORACIC SURGEON DR. BILAL SHAFI



“Medicine is advancing rapidly. We have gone from making large open incisions to much smaller incisions, particularly in cardiac and vascular surgery. But to be able to do that, we need imaging technology, tools, and capabilities that we do not have in traditional operating rooms. I think, this is the single most important investment any hospital can make for a community, because it expands the number of approaches and less invasive procedures that we’re able to offer our patients,” says Dr. Bilal Shafi.

“The ability to see the Suite in a virtual reality form allows us to plan for what we need and how we’re going to proceed forward. The suite is going to extend beyond just cardiac or heart related procedures. It’s going to incorporate vascular surgical procedures where we’re reestablishing blood flow to extremities and limbs. It’s going to provide services for stroke intervention and interventional radiology. This is going to be the future, and this is what’s going to define our future, and we don’t want to be left behind.”

RECENT AWARDS



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- **Named Among the Top 10% in the Nation for Cardiac Surgery**
- **Named Among the Top 10% in the Nation for Coronary Interventional Procedures**



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Five-Star Recipient for Coronary Bypass Surgery



Five-Star Recipient for Coronary Interventional Procedures, 3 Years in a Row (2014-2016)



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