



Advanced Care Expansion

IMPROVING AND SAVING LIVES

Keeping our community together and close to home



Simi Valley
Foundation



Mission

Living God's love by inspiring health, wholeness and hope.

Vision

We will transform the health experience of our communities by improving health, enhancing interactions, and making care more accessible.

Introduction and summary

As a leader and influencer in our community, you know that the impact of disease and illness hurts our community and our families. Each year thousands of our community members struggle with accessing health care services they desperately need.

Health challenges such as heart disease, stroke and cancer are leading concerns. Adventist Health Simi Valley Foundation is seeking one million dollars to help fund a technologically advanced cath lab to address these critical community needs. This new cath lab will help provide vital services including electrophysiology, interventional neurology, interventional radiology and peripheral vascular interventions. Each of these services are not currently available in Simi Valley and Moorpark.

By helping to fund the advanced care cath lab you are personally keeping our community closer to home, healthier and safer. The services made possible by the second cath lab are advanced but not uncommon. In fact, the need for these services is quickly growing and every person living in our community will either need the services or will have someone they know and love who needs them. By giving to this capital campaign, you are investing in a brighter future for our community.



Where we are now

Our current interventional cath lab enables physicians to both diagnose heart issues with angiography and perform interventional procedures such as angioplasty (opening a blocked artery) and stent placement (which helps to keep the artery open in the long term). Physicians can also do other basic procedures in the cath lab, such as inserting pacemakers and performing fistulagrams, which helps vascular surgeons verify the accurate placement of catheters—for certain types of dialysis patients, for example.

Because of the cath lab, Adventist Health Simi Valley was able to become a **STEMI Receiving Center**, designated by Ventura County Emergency Medical Services. After initial evaluation in the hospital's Emergency Department, most STEMI patients are transported to the cardiac cath lab to open their blocked artery.

Since opening the cath lab in 2015, **AHSV has treated 1300 patients** with specialized cath lab care. That means 1300 families did not have to leave town to get the exact care needed.

According to research, the number of patients seeking **outpatient electrophysiology** procedures in Adventist Health Simi Valley's market is projected to **increase by 25.8% in the next five years** and **46.8% in the next 10 years**.

The number of patients looking for help with **outpatient peripheral vascular procedures** are predicted to **increase by 21.9% in the next five years** and **40.4% in 10 years**.



Community health needs

Our 2016 Community Health Needs Assessment (CHNA) found these significant health concerns in Simi Valley and Moorpark and they are ranked in order of priority:

1. Access to health care services
2. Cancer care
3. Cardiovascular disease
4. Diabetes
5. Mental health
6. Metabolic health (obesity)
7. Prevention (screenings, earlier care, vaccines)
8. Substance abuse



How the new advanced care cath lab will help

Access—Addressing our top concern, access to health care services, is essential to helping us address the other top seven issues. Access to care involves several components including having advanced equipment to attract and retain physician specialists to address key needs.

Heart/Stroke—Cardiovascular disease is the number one cause of death in the United States and is the second leading cause of death in Ventura County. Stroke is often correlated with heart disease and is included in our priority list. Stroke is the number one cause of adult disability in the United States and continues to increase.

Diabetes/Obesity—Diabetes and metabolic disorders are growing rapidly across the country and in our community. Diabetes is the number one causal factor for heart

disease. With the rapid escalation of diabetes, we will see an increase in heart disease patients. Diabetes also is a leading factor in vascular diseases which reduce circulation to the limbs and can cause loss of mobility and life.

Prevention—Prevention includes the ability to accurately diagnose and do preemptive care before a crisis occurs.

Substance abuse—Sadly, substance abuse is also on the rise in our community. Substance abuse often results in cardiac events that need treatment in a cath lab.

Cancer—Cancer is the leading cause of death in Ventura County. Interventional radiology can become part of a cancer program, helping to diagnose and treat tumors in less invasive and more effective ways.

Vision for the future

Our new cath lab will provide **four** vital services which will meet the needs of the majority of residents in Simi Valley and Moorpark.

1 **Interventional neurology** is a proactive and advanced way to get ahead of a stroke. In the same way that the hospital's STEMI program uses the cath lab to stop heart attacks in progress, interventional neurology will help to stop strokes using catheter-based technology to dissolve or extract blood clots in the vessels of the brain and place stents to keep vessels open. Just as "time is muscle" in the timely treatment of heart attacks, "time is brain tissue" for stroke. Adventist Health Simi Valley's ability to address stroke in this way will save lives and provide better outcomes. AHSV, a primary stroke center, has been awarded a Gold award from the AHA & ASA for our excellent outcomes. The next step is to become a "comprehensive stroke center". This cannot happen without the next cath lab.

2 **Electrophysiology** addresses issues with the rhythm of the heart. Arrhythmia's are the most under-diagnosed and untreated heart condition in our community. Diagnosis and early interventional procedures can prevent future cardiac arrests and strokes. Procedures include arrhythmia mapping (which helps to identify the source of heart rhythm problems) and ablation therapy (which eliminates the source of the arrhythmia). Because electrophysiology procedures can take up to eight hours, we are unable to provide them. As a result, all current electrophysiology patients from Simi Valley and Moorpark must seek care at other hospitals, typically 20 – 50 miles away.

3 **Peripheral vascular** procedures, such as restoring blood flow to the legs or placing stents across aneurysms, can help people with diabetes and heart disease prevent the loss of limbs or function. Patients suffering from hardening of the arteries, who have atherosclerosis or have blockages from plaque will benefit from these proactive treatments that can reduce their risk of stroke, heart attack and loss of limbs.

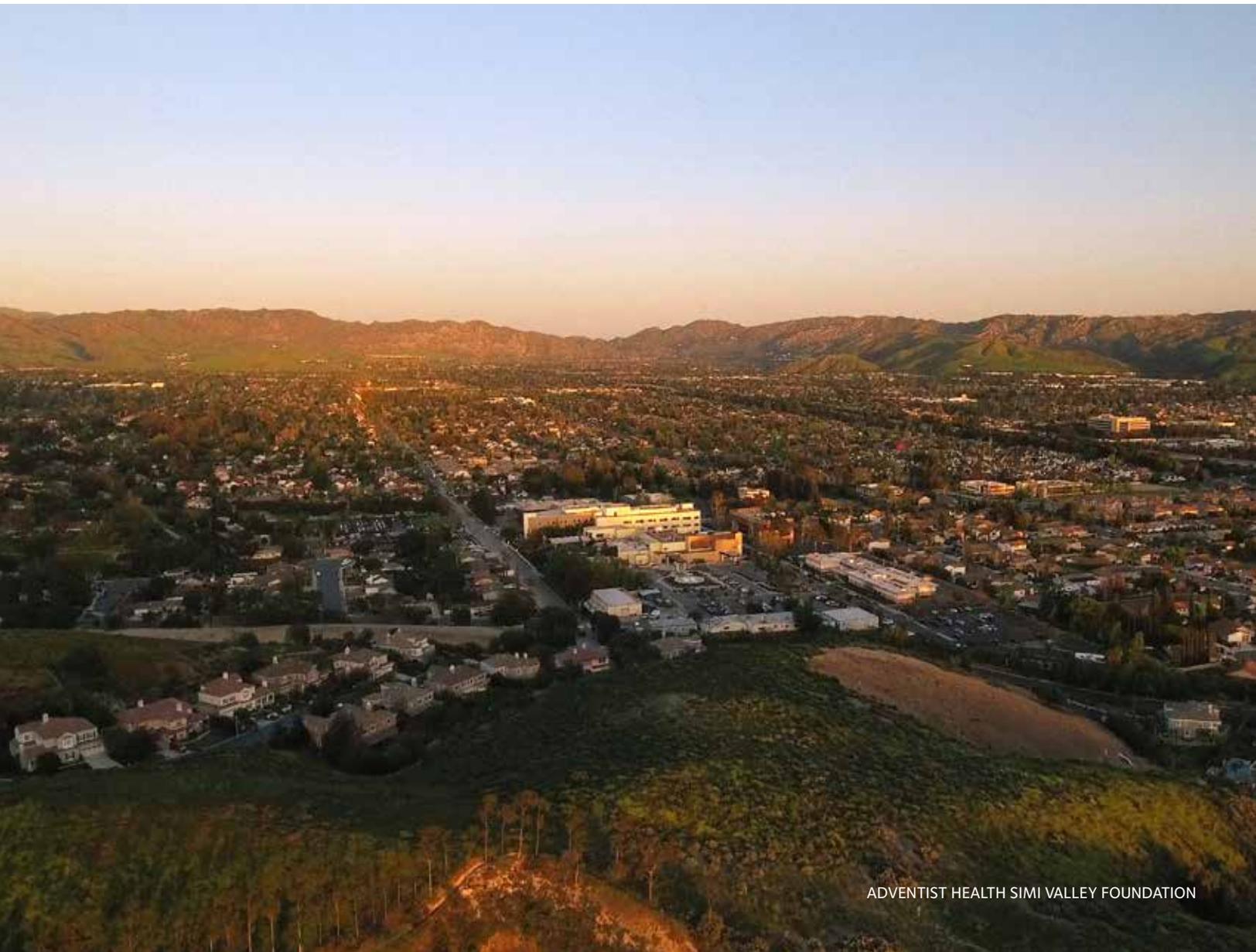
4 **Interventional radiology** provides minimally invasive solutions to health issues that normally require open surgery and longer recoveries. IR can help patients with a wide variety of health concerns including GI health, cancer diagnosis, biopsies, urological care and more. IR is a growing area that is helping providers and patients navigate and resolve complex health issues in modern and efficient ways.

About the new cath lab

The advanced cath lab will feature a bi-plane table which will enable images of patients' internal anatomy to be captured from two different planes—or angles—simultaneously. Bi-plane imaging will be a particular advantage in the interventional neurology program for stroke patients.

We will have specialized equipment for electrophysiology procedures (including a 3D mapping system, an EP mapping system and a 3D echo system), as well as a 3D workstation for interventional neurology and equipment for peripheral vascular and interventional radiology procedures.

The advanced cath lab is slated to open during the fourth quarter of 2018, although licensing and other county and state processes may have a significant influence on the opening date.





The lifesaving and health-restoring potential of an advanced care cath lab is a natural next step toward the hospital's ongoing mission and vision to serve the people of our community.

A call for support from our community

As a not-for-profit hospital, Adventist Health Simi Valley relies on the support of our community. We are blessed by people who value the benefits of having advanced health care services available close to home and show their support with financial gifts.

The Adventist Health Simi Valley Foundation is seeking one million dollars to bring the lifesaving and health-restoring technology of the community's advanced care cath lab to fruition. We will be reaching out to individuals, groups and businesses within our community to help us reach this goal.

For more information, please contact the foundation at **805-955-6670**.



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