

ADVANCED
INNOVATIVE
MULTIDISCIPLINARY
CARDIAC
TECHNOLOGIES

— *and a* —

DISTINGUISHED
COLLABORATIVE
APPROACH *for*
OPTIMAL
OUTCOMES.

HEART & VASCULAR CENTER



VALLEY VIEW

HYBRID
CARDIOVASCULAR
SERVICES

Diagnostic
& Interventional
Cardiology

Diagnostic
& Interventional
Electrophysiology

Endovascular
Surgical Services

Hybrid Cath Lab

*Our top
priority
is you
and
your
heart.*



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HEART & VASCULAR CENTER

 VALLEY VIEW

Heart and Vascular: An Overview

The Heart & Vascular Center at Valley View is home to a distinguished group of cardiologists and cardiovascular surgeons who diagnose and treat heart and vascular diseases, including many rare and complex disorders. A multidisciplinary expert team is trained to care for many diverse conditions. Valley View offers you the widest range of treatments and the most advanced cardiac technologies on the Colorado's Western Slope. But more than that, you will find people who care about you. Our top priority is you and your heart. We are here to listen, guide and provide personalized heart care – the way it should be.

At Valley View, our world-renowned cardiologists and thoracic surgeons embrace a collaborative approach for optimal outcomes. Dr. Frank Laws, Medical Director of the Heart & Vascular Center, and his heart team are exploring new approaches to better treat patients through the development and refinement of new technologies. From innovative robotic assistance for cardiac interventions to Siemens first US adult low-dose bi-plane fluoroscopy system, just to name a few.



Why Valley View?

Our mission

To be the leader for excellence in personalized care and healing.

Our values

Respect, accountability, trust and teamwork guide our mission every day and help us create excellence in a healthy, healing environment. Each of those values is part of our patient-centered approach to care.

At Valley View, each staff member, physician and volunteer has taken the mission of patient-centered care to heart. Decisions are made with the primary consideration of doing what's right for the patient and their families, creating a collaborative partnership between caregivers and patients.

Our vision is to be the destination of choice for all who aspire to heal and be healed.



Services

Treatment of Heart Arrhythmias/Cardiac Device Monitoring

- Pacemaker implants
- Implantable cardiac device monitoring
- Implantable cardiac defibrillator device implants
- Biventricular pacemaker/defibrillator implants
- Diagnostic electrophysiology study
- Advanced radiofrequency (RF) ablation
- Cryoablation
- Epicardial ablation
- Laser ablation

Treatment of Coronary Artery Disease

- Diagnostic heart catheterization
- Percutaneous coronary intervention
- Robotic percutaneous coronary intervention
- Intra-aortic balloon pump
- Percutaneous left ventricular assist device (Impella®)

Valley View offers you a wide range of treatments and the most advanced cardiac technologies on the Western Slope.

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Treatment of Thoracic Disorders

- Comprehensive thoracic surgical evaluations
- Minimally invasive resection of lung nodules
- Minimally invasive resection of cancers
- Mediastinoscopy
- Thoracic sympathectomies
- Treatment of hyperhidrosis
- Pericardial windows
- Video assisted thoracoscopic surgery (VATS)
- Endobronchial ultrasound (EBUS)

Treatment of Peripheral Artery and Venous Diseases

- Peripheral vascular diagnostic and intervention
- Percutaneous repair of abdominal aortic aneurysm
- Carotid endarterectomy
- Carotid stenting
- Sclerotherapy
- Inferior vena cava filter implantation and removal
- Varicose vein endo-venous laser treatment

Hybrid Cardiovascular Procedures

- Convergent and Convergent Plus approach for treatment of atrial fibrillation
- Ligation of left atrial appendage (Lariat®)
- Left atrial appendage occlusion
- Percutaneous valve repair

Cutting Edge Technology Advancements and Commitment to Care

Siemens® Bi-plane Hybrid Electrophysiology Lab

The Heart & Vascular Center at Valley View is excited to announce the expansion of its electrophysiology program to include the most sophisticated equipment available in the field today. The Siemens bi-plane hybrid lab is the second demonstration lab of its kind in the United States. This gives patients on Colorado's Western Slope a cardiac program on the leading edge of research and innovation. This high-tech and patient-centric program provides physicians with superior quality imaging while minimizing radiation exposure. Our advanced technology coupled with the expertise of Dr. Frank Laws and his cardiac team provides a level of care traditionally found only at major university hospital settings. With the addition of the hybrid EP lab, Valley View is now the destination for comprehensive heart care.

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The robot adds a level of precision that some hope will make it the new standard of care.

Robotic Percutaneous Coronary Intervention (PCI)

Corindus Vascular Robotics, Inc., is a global technology leader in robotic-assisted vascular interventions. The company's CorPath® System is the first FDA-cleared medical device bringing robotic-assisted precision to radial, coronary and peripheral procedures. Valley View Hospital was the eighth hospital in the nation to use Corindus® technology and remains one of only fourteen nationwide. Valley View is the only place on Colorado's Western Slope where patients and doctors can reap the benefits of robotic angioplasty.

During the procedure, the interventional cardiologist sits at a radiation workstation to advance stents and guidewires with millimeter-to-millimeter precision. The robot adds a level of exactitude that makes it the new standard of care for vascular interventions. Dr. Frank Laws explains that using the Corindus® PCI robot results in less radiation exposure to patient and physician with less risk for complications.



Treatment of Atrial Fibrillation

Cryoablation and laser ablations for the Treatment of Atrial Fibrillation

Cryoablation, is a specific electrophysiology treatment used for patients who have a type of heart arrhythmia called atrial fibrillation. This minimally invasive procedure has the potential to reduce risk and minimize patient discomfort.

Recent studies found cryoablation to be significantly more effective in treating atrial fibrillation than treatment with medication. Patients treated with cryoablation also had fewer repeat ablations, cardioversions, or re-hospitalizations.

Laser ablation is the newest ablation technique to be approved by the FDA. It can accommodate the different anatomy of the pulmonary veins and can ablate larger pulmonary veins in a more consistent pattern. It offers better visualization of the exact area of ablation for a more precise targeted area. Valley View Hospital will be the first hospital to offer this procedure in the state of Colorado.



THORACIC TREATMENT AND SURGERY

The Cardiothoracic Surgery Program at the Heart & Vascular Center provides critical support to a patient when chest, lung and esophageal conditions require expert attention. Leading this program are well trained cardiothoracic surgeons who specialize in minimally invasive approaches for treating patients. We are the most comprehensive atrial fibrillation program in the state of Colorado. We offer radiofrequency ablation, cryoablation, the convergent approach, the convergent plus approach and laser ablation. Our patients appreciate the long-term health benefits these procedures deliver without the traditional months of recovery time.



The convergent approach involves both an electrophysiologist and a cardiothoracic surgeon.

The Convergent Approach

The convergent approach provides an answer for patients who have had a low success rate with medication treatment. It is effective for most atrial fibrillation patients who have intermittent arrhythmia and a structurally normal heart. Normally, patients with chronic atrial fibrillation and associated structural heart changes do not respond as well to standard treatments. The convergent approach involves both an electrophysiologist and a cardiothoracic surgeon.

The convergent approach provides minimal patient discomfort, a shorter hospital stay and quicker recovery time while combining the best techniques from a medical team in one procedure.

The convergent plus procedure offers patients with persistent and long-standing persistent atrial fibrillation a more complete ablation lesion set, resulting in an even greater success rate.



The Medical and Surgical Expert Team

The Heart & Vascular Center at Valley View offers a healthcare experience rarely found in today's fast paced world.

By creating a dynamic specialty team, the patient benefits from outstanding expertise from a variety of fields all in one place. This is the foundation of our patient delivery. Our cardiologists no longer hand off cases to our cardiac surgeons. Instead, our medical and surgical experts collaborate in planning the treatment and follow-up care for patients.

Personalized Individual Healthcare | Our patients are treated with exceptional care and extraordinary teamwork to ensure they have everything they need for an optimal patient experience. Having world class physicians lead the patient care team means they have everything they need in a single place — focused on just them. Their care is discussed among not only the immediate team, but with a complete collaboration to ensure they are not just getting one opinion. They are receiving a comprehensive fully committed team effort in one place. All of their appointments are scheduled in synchronization to their healthcare needs. We take pride in making sure they are personally registered in the Heart & Vascular Center and are fully aware of every step of the process. Our entire team at Valley View is committed to work together for the patient.

Cutting Edge Technology | Valley View is proud to introduce our two new hybrid cardiac catheterization rooms that feature brilliant imaging with reduced radiation exposure with Siemen's Luminos dRF. During procedures this allows the physicians to limit your radiation exposure without compromising the image quality.



3D Printing Technology | Heart modeling brings benefits to both the specialty team and patients alike. This 3D printing enables our hybrid physicians to create patient-specific models for procedural planning. Over time we feel that this will allow a reduction in procedural complications during cases and minimize duplicative services. Better communication leads to a deeper understanding of what will happen during the intervention; thus providing an added layer of patient safety through team efficiency.

Dr. Laws embarked upon a year-long sabbatical with training in clinical Interventional Electrophysiology to better provide care for patients with cardiac arrhythmias.



Frank Laws, MD, FACC

Electrophysiologist & Interventional Cardiologist

Frank A. Laws, MD, is one of the few physicians in the United States who specializes in both Interventional Cardiology and Electrophysiology. As a 'Hybrid' physician, Dr. Laws offers patients with both cardiac arrhythmias and obstructive coronary artery disease the most comprehensive care on the Western Slope of Colorado. Dr. Laws completed his Cardiology Fellowship and his sub-specialty fellowship in interventional cardiology at the University of Texas-Houston Medical School. In 2001, while at the University of Texas, he received special commendation from the University of Texas Board of Regents for being the first American College of Cardiology (ACC) Merck Cardiology Research Fellow. As an assistant professor, in clinical internal medicine at the University of South Carolina, he began an interventional cardiology program at the WJB Dorn VA Medical Center in Columbia, SC. While at WJB Dorn he helped to pioneer a cardiac program without cardiovascular surgical backup. Dr. Laws was recruited in 2006 to Valley View to develop the Heart and Vascular program including the Heart Catheterization lab. Most recently, Dr. Laws embarked upon a secondary year-long fellowship in 2014 at a training program with the Tufts University School of Medicine to provide better care for patients with cardiac arrhythmias. His additional education has raised the level of expertise so that Valley View is now able to offer advanced cardiac services.



Marcus Howell, MD, FACC

Interventional Cardiologist

Marcus Howell, MD, specializes in the treatment of cardiac and peripheral vascular disorders including: carotid artery disease, aortic aneurysms and lower extremity arterial disease. As a board-certified interventional cardiologist, Dr. Howell treats a variety of cardiovascular disorders including coronary artery disease, congestive heart failure, valvular heart disease and arrhythmias. Dr. Howell received his medical degree at Georgetown University and then spent six years on active duty with the U.S. Navy as an internal medicine physician. He then pursued a cardiology fellowship at the Texas Heart Institute in Houston including specialty training in interventional cardiology and vascular medicine. He has spent 16 years practicing cardiology in Western Colorado, both locally and in Grand Junction. He looks forward to offering advance treatment for cardiac and peripheral vascular disease with the use of the new hybrid cath lab.

Dr. Howell brings his expertise in the treatment of heart attacks, coronary disease and peripheral vascular disease to Valley View.

Dr. Khan greatly enjoys finding solutions with his patients to return them to optimal health.



Qaisar Khan, MD, FACC, FSCAI

Interventional Cardiologist

Dr. Khan specializes in complex coronary stents, pacemakers, defibrillators, peripheral arterial and venous disease, clots and vein ablation procedures. He was drawn to a career in medicine, and specifically heart care, after seeing heart disease first-hand within his own family, when his father had heart stents inserted. Dr. Khan is board-certified in interventional cardiology, endovascular medicine, nuclear cardiology and echocardiography. He brings a deep understanding of the human heart and the vascular system with him to Valley View, and greatly enjoys finding solutions with his patients to return them to optimal health.



Michael Rubinstein, MD, FACC

Clinical Cardiologist

With more than 25 years practicing cardiology in Baltimore, MD, Dr. Rubinstein brings a high level of experience in quality patient care to Valley View. While in Baltimore, he served as director of cardiac prevention at Union Memorial Hospital and Chief of Cardiology at Bon Secours Hospital. Since 2008, Dr. Rubinstein has provided personalized care to patients in the Roaring Fork Valley. He specializes in the diagnosis and treatment of heart disease and has a special interest in the early detection of coronary artery disease and the prevention of heart attack. Dr. Rubinstein is most interested in practicing collaborative care with patients – explaining clinical situations in clear terms and encouraging ongoing communication to develop a relationship with patients, helping them maximize their heart health, and maintain a healthy lifestyle.

Dr. Rubinstein is most interested in practicing collaborative care with patients.





Julianne Doherty, PA-C, CLS

Lipid Management Specialist

Julianne has provided advanced lipid management at Valley View for the past 13 years and received her Clinical Lipid Specialist certification in 2009. Whether it's helping patients to work around some of the side effects of statins, using alternative dosing regimens, or finding creative ways to make medications work, Julianne assists patients on a case-by-case basis to offer individualized treatment options. In addition, there is ample time set aside to discuss dietary and lifestyle modification coaching and counseling to meet patients where they are in their health journey.



Christina Maenle, FNP-C

Certified Nurse Practitioner

Christina Maenle is a nationally certified nurse practitioner, bilingual in English and Spanish. She came to the Heart & Vascular Center at Valley View in 2017 from the University of Kansas Hospital after five years of inpatient experience at the Center for Advanced Heart Care in Kansas City. Christina has a Bachelor's of Science in biology from Rockhurst (Jesuit) University and completed her Bachelor of Science in Nursing in 2005 and Master of Science in Nursing in 2008 at Research College of Nursing. She has additional education and training in nutrition and holistic therapies, working with patients to integrate their personal health care beliefs with evidence-based western medical care.



Leslie Bean, ANP

Advanced Nurse Practitioner

Born and raised on the Western Slope, Leslie's expertise in endocrinology and cardiology comes from years of experience as an advanced nurse practitioner in both Colorado and Utah. Leslie specializes in risk factor management of coronary artery disease and arrhythmia management. Leslie sees patients in our Grand Junction clinic.

Cardiovascular Innovation & Research Institute (CIRI)

Dr. Laws' dynamic vision to create a nucleus for innovation outside of a large metropolitan or university setting fostered the launch of the first cardiac research program at Valley View. Generous donations allowed for the inception of CIRI. Joining the team in 2014, Kim M. Williams, MPH, made the connection to extend the process of patient registration by populating national registries and tracking long-term patient outcomes. Thus NEXUS Registry was born.

Valley View NEXUS Registry, The Whole is Greater than the Parts

The Valley View NEXUS outcomes registry bridges national data to our local clinical data. As a team we identify quality metrics then marry this data to our NEXUS outcomes registry. This allows the information from CIRI to report performance measures that have clearly defined goals and aims. The creation and use of the NEXUS registry enables our researchers to track outcomes to determine if symptoms have been managed and if interventions are linked to improved patient outcomes.

National Cardiovascular Data Registry (NCDR)

Our research team voluntarily participates in the national registries listed below. The registry works by taking multiple data points, which are tracked during cardiac procedures to ensure evidence-based care. The benchmarked data is an important tool used to help the Heart & Vascular Center understand where their performance falls in comparison to others hospitals of similar size and scope.

CathPCI Registry®

PINNACLE Registry®

ICD Registry™

AFib Ablation Registry™

LAAO Registry™

ACTION Registry®

GWG™

(Get With the Guidelines)

Independent Initiated Research

CIRI is embarking on future research through independent investigative initiated protocols. For example, Dr. Laws is piloting the use of 3D technology to map the heart's anatomy and identify each person's anatomical nuances and individual characteristics. 3D printing enables our hybrid physicians to create patient-specific models for procedural planning. Over time this will allow CIRI to demonstrate a reduction in procedural complications during cases and minimize duplicate services.

Convenient Locations to Best Serve You

Glenwood Springs:
970.384.7290

Grand Junction:
970.384.7737

One call provides you with answers to your questions, consultations, scheduling, new patients and cardiology referrals, for each of the Valley View locations.

Locations across the region provide the following services:

Cardiology Consultations

Electrophysiology Consultations

Cardiothoracic Consultations

Peripheral Vascular Consultations

Peripheral Vascular Imaging

Echocardiography

VVH.ORG

BATTLEMENT MESA

Grand River Clinic West
201 Sippelle Drive
Battlement Mesa, CO 81635

EAGLE

Eagle Valley Care Center
377 Sylvan Lake Road
Eagle, CO 81631

MEEKER

Pioneer Medical Center
345 Cleveland Street
Meeker, CO 81641

RANGELY

Rangely Community Medical Health and Wellness Center
225 Eagle Crest Drive
Rangely, CO 81648

RIFLE

Grand River Medical Center
501 Airport Road
Rifle, CO 81650

WILLITS

Willits Care Center
711 East Valley Road
Basalt, CO 81621

GRAND JUNCTION

607 25 Road, Suite 101
Grand Junction, CO 81505

