

D-SPECT™ Myocardial Perfusion Imaging

**A Revolution In...
Accuracy
Speed
Comfort
Radiation Safety**



NOW AVAILABLE FOR YOUR PATIENTS AT
HEART & VASCULAR CARE

D-SPECT™ Technology: More Advanced, Less Time.

Conventional SPECT imaging has long been a valuable tool for the diagnosis of coronary artery disease and other cardiac conditions, but it has its limitations.

- ◆ It is unable to produce diagnostic images for obese patients or for women with very large breasts.
- ◆ Patients must lie completely still on their backs with their hands over their heads—an uncomfortable position for many patients.
- ◆ Patients are exposed to high doses of radiation. Lengthy acquisition times (12-20 minutes per image) mean the test can take as long as four hours to complete. Many patients have difficulty arranging the time for the procedure.

Now, your patients in need of cardiac imaging have access to D-SPECT™ myocardial perfusion imaging, a revolutionary diagnostic tool.

Heart & Vascular Care, led by Charanjit Singh Khurana, MD, has the only D-SPECT™ camera in northern Virginia. Only a handful of medical facilities in the United States offer this transformational technology.

THE ADVANTAGES OF D-SPECT™ ARE CLEAR

- ◆ Ability to scan patients up to 550 lbs. Open chair design offers markedly improved patient comfort. Your patients can sit up during the entire procedure.
- ◆ 10X sensitivity provides sharper, more accurate images.

- ◆ Significantly reduced radiation exposure.
- ◆ Much faster acquisition and patient throughput. With D-SPECT™, the entire test can be completed in as little as 40 minutes.

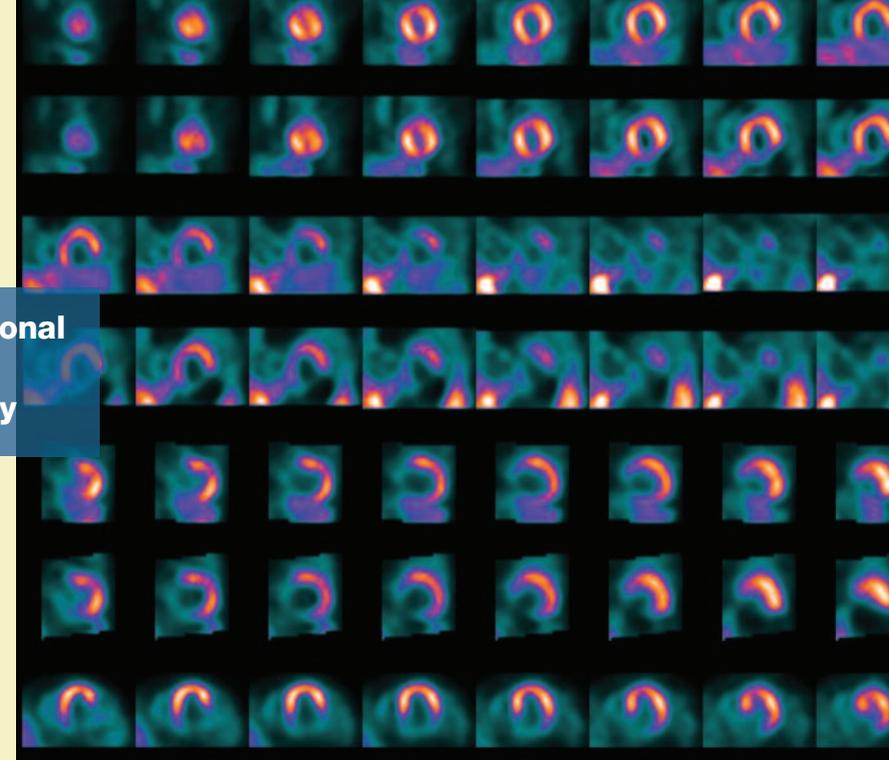
Your patients' time is valuable to them. Conventional SPECT technology requires at least a half-day away from work or other obligations. With D-SPECT™, they can receive the most advanced nuclear stress test in the same time frame as a typical office visit.

D-SPECT™ IMAGING IS A HIGHLY EFFECTIVE DIAGNOSTIC TOOL FOR

- ◆ patients with chest pain who have an intermediate or high probability of coronary artery disease,
- ◆ patients with known coronary artery disease to assess the functional significance of blockages,
- ◆ patients with known coronary artery disease who have had stents implanted to determine efficacy of the treatment, and
- ◆ asymptomatic individuals who are otherwise at high risk for coronary artery disease with multiple atherosclerotic risk factors.

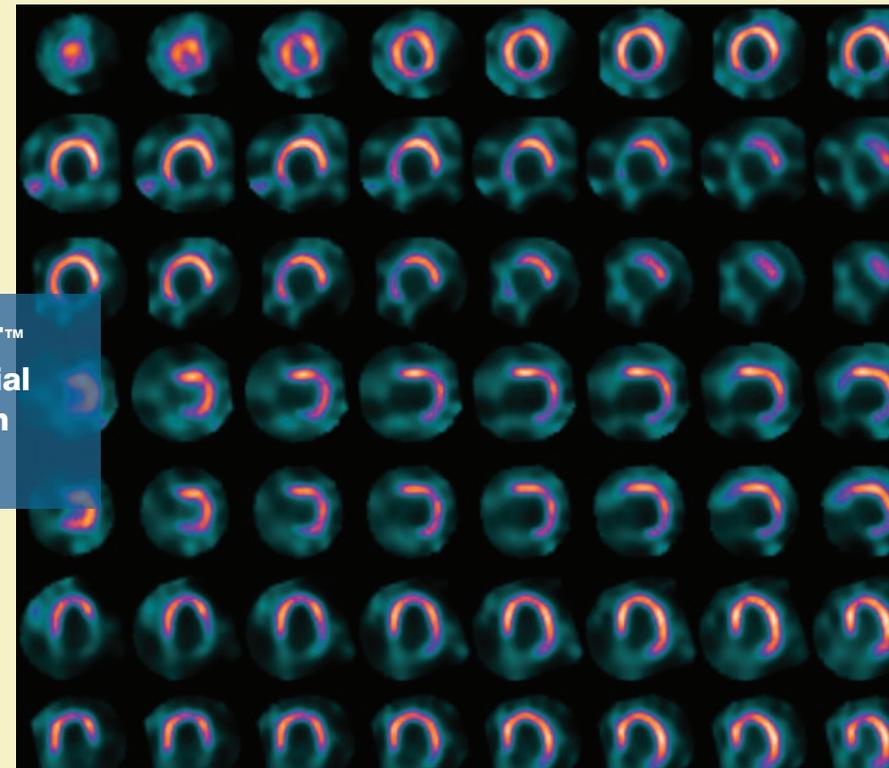
[Dr. Khurana is available to provide you with detailed information about the benefits of D-SPECT™ myocardial perfusion imaging. Call Heart & Vascular Care at 703.527.1400.](#)

Conventional SPECT Technology



D-SPECT™ offers much faster acquisition and patient throughput. The entire test can be completed in as little as 40 minutes.

D-SPECT™ Myocardial Perfusion Imaging



About Heart & Vascular Care

Heart & Vascular Care in Arlington, Virginia, led by Charanjit Singh Khurana, MD, is a full-practice cardiology service

- ◆ It provides state-of-the-art vascular diagnostic and therapeutic modalities.
- ◆ It's the only practice in Arlington offering coronary angiography via the radial approach.
- ◆ The practice's nuclear facilities are accredited by the American College of Radiology.

Dr. Khurana is board certified in nuclear cardiology and general and interventional cardiology. He serves as a Clinical Assistant Professor of Medicine at George Washington University Hospital. He also serves as director of the Cardiac Catheterization Laboratory at the Virginia Hospital Center.

Personalized care and attention are the hallmark of our practice. Your patients will see Dr. Khurana at every visit.

Heart & Vascular Care ◆ 703.527.1400



HEART & VASCULAR CARE

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