MEDICAL DIRECTOR
Barry L. Engelstad, M.D.

Diagnostic Imaging
and Nuclear Medicine

Board Certification
American Board of
Radiology, Diagnostic
Radiology, 1981
American Board of Nuclear Medicine, 1982

Dr. Engelstad is the Chairperson and Co-Director of Nuclear Medicine, Diablo Valley Radiology Division. He has also served on the UC San Francisco faculty, including Nuclear Medicine Program Director and Radiology Department Vice-Chairman. Dr. Engelstad has published extensively, with over 72 publications to his credit.

Education
M.D.
University of California, San Francisco
1977

B.S.
Massachusetts Institute of Technology
1973

Professional Training
Residency, Radiology and Nuclear Medicine
Moffitt Hospital - UCSF
1980-1982

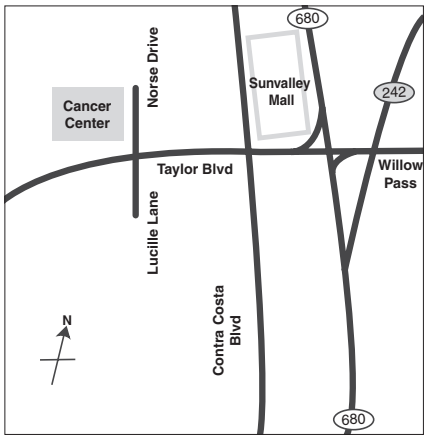
Residency, Radiology
Mallinckrodt Institute - Washington University
1978-1980

Internship, Internal Medicine
Barnes Hospital - Washington University
1977-1978

Driving North on I-680:
Take the Willow Pass Road Exit, turn left onto Willow Pass Road. Willow Pass Road turns into Taylor Blvd, proceed 0.7 miles. The Center is located on the right side at 400 Taylor Blvd, Suite 105 (Corner of Norse Drive and Taylor Blvd).

Driving South on I-680:
Take the Willow Pass Road Exit, turn right at Sunvalley Blvd/ Willow Pass Rd. Willow Pass Road turns into Taylor Blvd, proceed 0.7 miles. The Center is located on the right side at 400 Taylor Blvd, Suite 105 (Corner of Norse Drive and Taylor Blvd).

Driving East on Highway 24:
Highway 24 East toward Walnut Creek. Take the Pleasant Hill Road North Exit, go 1.9 miles. Veer onto Taylor Blvd, go 3.6 miles. The Center is located on the left side at 400 Taylor Blvd, Suite 105 (Corner of Norse Drive and Taylor Blvd).



California Cancer and Research Institute
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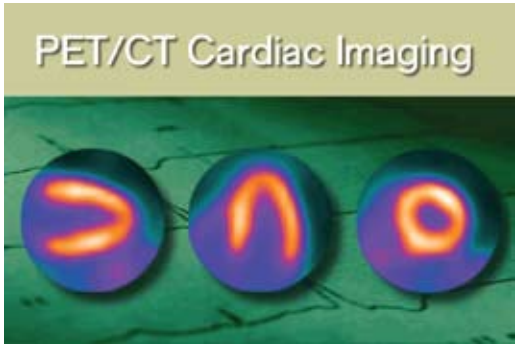

a patient's guide

Our reputation includes excellence in patient care, imaging and interpretations.
Radiologic interpretations are provided to your physician within 24-48 hours.

What is a Cardiac PET study?

Cardiac PET (Positron Emission Tomography) Perfusion is one of the newest, most advanced imaging technologies available for heart imaging. The study has two basic purposes:

1. To evaluate the health of the coronary arteries (vessels that supply the heart with blood). If the arteries have narrowed or become blocked, the heart receives a limited amount of oxygen. This is called Coronary Artery Disease.
2. To evaluate cardiac muscle following a heart attack. If a heart attack has occurred, a portion of cardiac muscle may be weakened or cease functioning.

   Cardiac PET Perfusion may avoid the need for additional procedures, such as cardiac catheterization.

How does Cardiac PET Perfusion differ from other imaging studies available?

Clinical studies have shown that Cardiac PET Perfusion Scans are the most accurate testing available in the detection of Coronary Artery Disease. There are a variety of tests available; ECG (Electrocardiogram), Stress Testing and SPECT (Single Photon Emission Computed Tomography). Cardiac PET Perfusion had the highest accuracy rate available for cardiac imaging, and is easily tolerated by patients.

Who should have a Cardiac PET Perfusion Scan?

This study benefits a variety of patients including those with limited mobility, diabetes, large breasts that may interfere with cardiac imaging, inability to complete a treadmill exam, etc.

Only a doctor can decide if Cardiac PET Perfusion is right for you.

How long does the study take?

Approximately 45 minutes. During the study, the patient's blood pressure and heart are monitored continuously, while the patient receives a small amount of radioactive tracer introduced through an intravenous catheter in the arm. As the patient lies on the imaging bed, cardiac imaging takes place. The images are captured at rest and while under pharmacologic stress. The scanned images capture a change in blood flow and provide pinpoint accuracy.

Can I eat and take my medication prior to my appointment?

Please discuss your medication needs with your physician and CITC prior to your appointment. 24 hours prior to your appointment, please do not eat or drink any caffeinated products; coffee, tea, cola and choclate (including decaf-feinated tea or coffee). No food or beverage for 6 hours prior to your appointment, you may only have water.

If you are asthmatic, please let us know prior to your appointment.

Do I need to wear special clothing?

Please wear clothing that can easily be removed. You will be provided with a gown to allow for EKG leads.

Can my husband/wife come with me?

Due to patient consideration and the nature of Cardiac PET, we ask that your family remain in our waiting room. This will insure that your study be done accurately and uninterrupted.

For additional information, consult with your physician or www.calimaging.com.

Certified provider for
Cardiac PET/CT Imaging by the
American College of Radiology

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