



KENTUCKY CARDIOLOGY

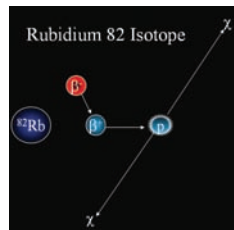
Treating You Today with Tomorrow's Standards

Kentucky Cardiology is proud to be the first cardiology group in the greater Lexington area to incorporate the very best of stress imaging.

Introducing STRESS PET (Positron Emission Tomography)

This form of stress test represents an important milestone in nuclear cardiology. Here are some important facts –

This test with Rubidium is **more accurate** than any other form of stress imaging including echo, thallium or cardiolyte.



This test is close to 100% accurate on normal coronaries which means less false positives. This translates to a significant reduction in unnecessary referrals for cardiac catheterization. Therefore – it is more **cost effective**.

* 100 times **less radiation** dose to your patient as compared with thallium or cardiolyte.

Here is a comparison of average patient dosimetry for stress nuclear studies:

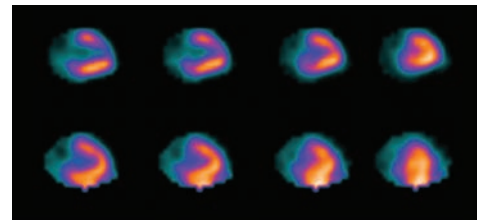
PET	80 mrem
Thallium	3200 mrem
Cardiolyte	1500 mrem

Dedicated Cardiac PET is **easy to perform** and is a faster study for patients – 45 minutes as compared to 3 hours for a SPECT

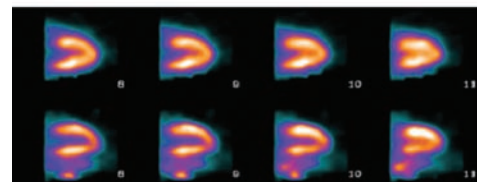
Not impacted by Tech99 shortages experienced globally since Rubidium is generated on site

PET Images Eliminated Attenuation Artifacts that Lead to Unnecessary Cardiac Catheterization

SPECT images



PET images



PET is Significantly More Accurate than SPECT

- SPECT over 32% referred for coronary angiography
- PET only 10% referred for coronary angiography
- PET imaging lead to a cost savings of 30 – 40%

