

Xpress3.Cardiac™

Delivering the Advantages of 3-Minute Myocardial Perfusion SPECT and High Image Quality

Based on exclusive WBR™
(**Wide-Beam Reconstruction**)
technology from UltraSPECT®,
Xpress3.Cardiac delivers
excellent image quality with
undiminished diagnostic certainty at
one-quarter of the scan time.

The image resolution is equivalent to
that of full-time filtered back-projection
(FBP) imaging. Moreover, no post-
processing filtering is applied,
eliminating any artificial image
enhancement effects.

3-Minute scanning provides
unsurpassed patient throughput,
increasing your department's
productivity by up to 100%, and
greatly boosting the cost-effectiveness
of your current NM equipment.

The ultra-short scan times also result in
improved patient comfort and
tolerance, virtually eliminating patient
motion artifacts.

Xpress3.Cardiac readily connects
to most cameras and workstations.
Robust, reliable and fully automatic,
with a single processing protocol
for all patients, it is totally
transparent to clinical work-flow.

Xpress3.Cardiac

**High-quality, 3-minute
NM cardiac imaging:**

You owe it to your practice...

You owe it to your patients...

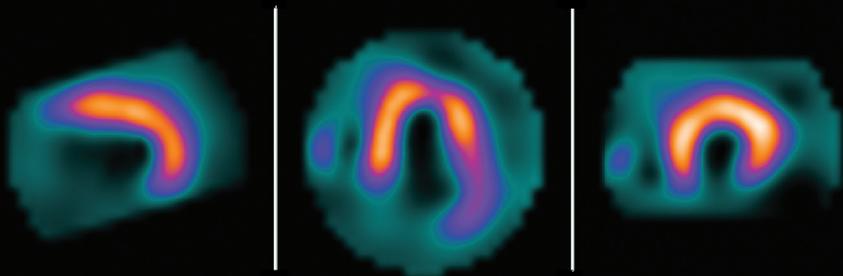
You owe it to yourself.

Tc-99m Tetrofosmin Single-day Rest/Stress Myocardial Perfusion Study

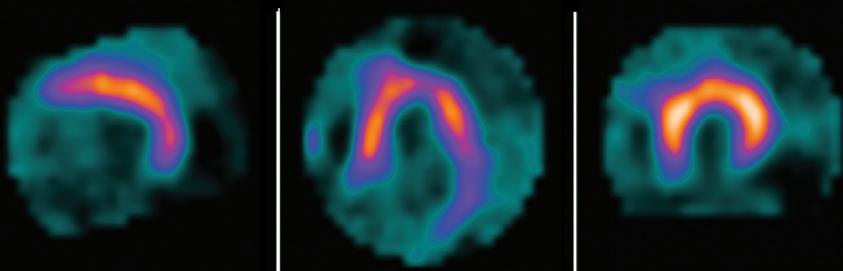
Dosage: 9.8 mCi Rest; 30.4 mCi Stress.

Bruce treadmill stress test to 100% MPHR.

**WBR Images of Quarter-Time Study
Scan times: 4.5 min. Rest; 3.0 min. Stress.**



**FBP Images of Full-Time Study
Scan times: 15 min. Rest; 12 min. Stress.**



65-year-old male, 6', 185 lbs., 42" chest circumference.

History of inferior wall myocardial infarction.

Stress/rest images demonstrate marked, extensive inferior wall perfusion abnormality. Otherwise, normal perfusion in remainder of LV myocardium. Gated stress/rest images show mild LV dilation, with moderate decrease in LVEF.

WBR offers excellent image quality: homogeneous tracer distribution throughout the normally perfused myocardium; superior definition of endocardial and epicardial borders and of LV cavity. See processed studies, reverse side.

Images courtesy of Atlanta Heart Specialists LLC, Tucker, GA.

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UltraSPECT
Wide-Beam Molecular Imaging

Shaping the future of Nuclear Imaging

Xpress3.Cardiac
3-Minute Myocardial
Perfusion SPECT:
Seeing Is Believing!

Quarter-time study,
 WBR stress/rest images.

Full-time study,
 FBP stress/rest images.

Xpress3.Cardiac
High-quality, 3-minute
NM cardiac imaging:
You owe it to your practice...
You owe it to your patients...
You owe it to yourself.

