

Mission: The simplest remote reading system possible.

On-the-move Gerald M. Pohost, MD joins Westside Imaging. Technologist Arno Conley makes it possible.

The Situation

Expanding practice. Multiple sites. Lots of travel.

In 2009, Westside Imaging welcomed distinguished cardiologist Gerry Pohost, M.D. as their primary reading physician and to expand their diagnostic offering. He reads at multiple sites in the growing Westside system.

Dr. Pohost is a mission-driven physician on the move, too. His current cardio-pursuits often take him to China, where he helps set up diagnostic centers to detect CV disease.

The Challenge

Data integrity as good as direct transfer

Arno Conley is Westside's chief technologist. His job, among many others, is to equip Dr. Pohost with the tools and technology he needs.

"We have a Philips Pegasys. SPECT and PET. The PET is acquired from a different station. It's important to know we're getting a system that can handle data transfer from these systems seamlessly. It's difficult to find a system to read old Pegasys files and convert them."

The Solution

"This was by far the easiest solution."

Arno and Westside implemented the Syntermed Live remote reading package in early 2010.

"The transfer is smooth and easy."

States Arno: "It pulls the data not just accurately but quickly. It doesn't produce extraneous files, and handles about every DICOM file I throw at it. I don't have to think twice about the integrity of the data."

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What is Syntermed Live?

Syntermed Live is a web-enabled system for remote review and archiving of nuclear cardiology studies generated by the Emory Toolbox.



Over 1,000 studies are processed a week with the Syntermed Live system, by the growing number of nuclear cardiology labs improving productivity and workflow through remote reading.

- Easy, secure, interpretation of studies from any PC or Mac -- at home, satellite office, anywhere with access to the Internet
- This is not PACS. It's moving, interactive, full-function remote reading.
- No clunky LAN or remote login VPN network required. Just ordinary high-speed Internet.
- Low-cost, simple to implement, easy to learn
- Secure, high quality images – interpretation as accurate and precise as your nuclear lab

(How does Syntermed Live work?)

See next page.)

"I have so much to do. This has been a godsend."

- Gerald M. Pohost, MD, Westside Imaging

Solution (cont'd)

"The Install was really easy."

Arno Conley: "The integration of Emory Toolbox within the Syntermed package has allowed us a really smooth transition. Our Pegasys uses a lot of different data -- wall motion, ejection fraction, static images -- Syntermed handles all of this really well."

"The ease of use is enormously helpful."

Dr. Pohost: "The Syntermed system provides me the opportunity to read from almost anywhere, which is really important."

"It's intuitive. It's not something you have to spend much time being taught how to use."

"It displays parameters very well. The archiving ability is really straightforward. I can go back to compare previous studies with ease."

"It saves time. The ease of use is enormously helpful. There's nothing more reliable than Syntermed."

Results

"We can have Dr. Pohost... I can sleep."

Dr. Pohost - "We'll be adding Syntermed Live to all the hospitals at which I work. I feel very confident and comfortable with it. I think it has a glowing future."

Arno - "Prior to this (there would be times when) a study couldn't be opened for whatever reason. Now I can reliably process these studies and get them pushed over to a remote site without difficulty. That's my most important issue -- that it's sent to Syntermed Live and it's viewable by Dr. Pohost wherever he is. I can sleep."

How does Syntermed Live work?

Once a nuclear study is processed, you just click Save to do an automatic Toolbox Upload. All of the images and diagnostic information from Emory Toolbox™ are automatically uploaded to the Syntermed Live server, and the studies are ready to be interpreted by the reading physician.



There are 2 simple ways to read a study *Live*.

Live with Toolbox

- The 3Mb review file is uploaded to the server.
- The reading physician logs on and downloads the review file to PC or laptop.
- The physician opens the review file with the Toolbox Viewer, which allows full Toolbox capability.

Live with Browser

- Toolbox software is not required on reading physician's PC/Laptop.
- The reading physician opens the patient study on an Internet browser, which provides ample capability to make an interpretation, including rotating raw data for quality control, un-gated and gated slices, polar maps, ejection fraction and more.