

**ClearVision™**  
Cardiac Imaging  
Dual Detector SPECT System



### Introducing ClearVision™

- Delivering major advancements in nuclear cardiology SPECT system quality
- New image quality standard for the most demanding clinical cases
- Resolve™ inverse fanbeam collimation and reconstruction
- New generation acquisition design inspired by multi-slice CT scanners
- Pure open system design for improved patient comfort
- 500 pound patient weight capacity
- Ultra compact 3' x 6' system footprint
- Field upgradable from single to dual detectors



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GVI has a 25 year history of nuclear and CT product innovations beginning with Technicare in the 70's and 80's and SMV/Sopha in the 80's and 90's. Combined with our imaging expertise, we have an excellent reputation for customer service and support.



Delivering major advancements in  
nuclear cardiology SPECT system quality

## Introducing ClearVision™

ClearVision is a dedicated nuclear cardiology dual detector SPECT imaging system providing superior at-depth resolution and significantly higher signal-to-noise ratio than SPECT systems using the traditional parallel or diverging collimator acquisition method. The result is a new image quality standard for improved diagnostic confidence for your most demanding cases without increased acquisition time.

The reason is our industry leading Resolve™ technology, (patent pending), that incorporates inverse fanbeam (IFB) collimation and iterative fanbeam reconstruction with our proprietary all digital detectors. Our advanced Resolve approach brings a precision CT equivalent data collection and reconstruction method to nuclear imaging.

Another major ClearVision feature is the pure open system design. The patient is imaged in an upright (seated) position using a rotating chair assembly which has been optimized for both acquisition accuracy and patient comfort even for larger patients. This method offers substantial benefits including easy on and off access, comfortable seating in a natural position to reduce motion, and a 500 lb weight capacity. In addition with upright imaging the diaphragm drops improving separation between the heart and gut.

With an ultra compact 3' x 6' system footprint ClearVision can be logically installed in any 8' x 8' room and is ideal for any environment where space is at a premium.

ClearVision is also available in a single detector configuration and has been designed for easy, cost-effective field upgrade to dual detectors.