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**GENESIS**  
Medical Imaging, Inc.

## **New Technology Developed for Arc Detection**

The Research and Development team at Genesis Medical Imaging has announced the completion of the GMI Arc Detection Module. BETA and field testing was recently completed of each individual unit to ensure functionality and validation. Service engineers will now carry these monitors to assist in CT high voltage system diagnosis.

The GMI Arc Detection Module does not invasively connect to the power of the CT Scanner but mounts independently to the gantry and operates off of its self contained rechargeable batteries. Using innovative technology, the module is able to create independent logs for the tube, anode, and cathode, thus giving more specific data to appropriately diagnose the high voltage malfunction. The logs are downloadable to a PC for analysis on-site.

Bill Brach, lead developer states, "This Arc Detection Module will save our engineers and customers' time and potentially cost savings as we can quickly and specifically diagnose the problem unlike conventional diagnostic techniques. Presently, our experience has been that tanks and or tubes are unnecessarily replaced increasing downtime and cost."

Genesis Medical Imaging is the largest independent service organization that offers a total solution to CT and MRI needs, including nationwide service contracts, mobiles, refurbished CT & MRI equipment, Cryorefrigeration and Magnet services.

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**If you'd like more information on this topic, or to schedule an interview, please call Craig Palmquist at 847-961-5802 or email at [cpalmquist@genesismedicalimaging.com](mailto:cpalmquist@genesismedicalimaging.com)**