



# GUAM MEMORIAL HOSPITAL AUTHORITY

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### For Immediate Release

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## GMHA Expands Advanced Imaging and Cardiac Care Capabilities with New Medical Technologies

(Tamuning, Guam; March 24, 2026)— The Guam Memorial Hospital Authority (GMHA) continues to strengthen its clinical capabilities with the introduction of several advanced medical technologies that enhance diagnostic imaging and cardiovascular care for the people of Guam. These additions include Intravascular Ultrasound (IVUS), Shockwave Intravascular Lithotripsy (IVL), and the CARESTREAM DRX-Excel Plus Digital Radiography and Fluoroscopy System.

Together, these technologies represent a significant step forward in GMHA’s ability to diagnose and treat complex cardiovascular conditions while improving imaging capabilities across multiple medical specialties.

Intravascular Ultrasound (IVUS) provides physicians with highly detailed images from inside the blood vessels during cardiac procedures. Using a miniature ultrasound probe mounted on a catheter, IVUS allows cardiologists to visualize plaque buildup, measure vessel size, and guide the precise placement of stents. This advanced imaging improves the accuracy of treatment decisions and helps optimize patient outcomes.

Shockwave Intravascular Lithotripsy (IVL) is an innovative technology designed to treat heavily calcified coronary artery disease. The system delivers controlled sonic pressure waves to break up hardened calcium within the artery walls, allowing the vessel to expand and enabling physicians to safely place stents. This technology can significantly improve treatment options for patients with complex coronary blockages.

In addition to advances in cardiac care, GMHA’s Radiology Department has also installed the CARESTREAM DRX-Excel Plus Digital Radiography and Fluoroscopy System, funded through Public Law 36-107. This combined digital X-ray and fluoroscopy platform allows clinicians to perform both standard radiographic imaging and real-time fluoroscopic examinations in a single room.

Fluoroscopy provides continuous, real-time imaging that enables physicians to observe motion within the body during diagnostic studies and interventional procedures. The system supports a wide range of services, including gastrointestinal studies, orthopedic evaluations, trauma imaging, and image-guided procedures.

“These technologies represent an important investment in the future of healthcare on Guam,” said Dr. Joleen M. Aguon, GMHA Interim Hospital Administrator and CEO. “By expanding our diagnostic imaging and cardiovascular treatment capabilities, we are improving access to advanced care and helping ensure that more patients can receive the services they need right here at home.”





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The addition of these technologies strengthens GMHA's ongoing efforts to modernize equipment, enhance clinical services, and expand access to specialized care for Guam and the broader Micronesian region.

GMHA remains committed to advancing healthcare services and improving patient outcomes through strategic investments in medical technology and clinical expertise.

For more updates on initiatives and services, follow GMHA on Facebook and Instagram at @GMHA\_1946.

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