

UNIVERSITY OF MICHIGAN HEALTH-WEST

Transforming patient care with the eUnity Diagnostic Viewer.

How a “Most Wired” nonprofit health system uses Mach7’s zero-footprint viewer to put imaging at the fingertips of patients and providers alike.

Innovation that changes care.

University of Michigan Health-West (UMHW) is a nonprofit multispecialty medical provider, part of the state's top-ranked health system.

UMHW serves more than 250,000 patients annually across 30 locations, including a 208-bed teaching hospital in Wyoming, Michigan. It is recognized for its contributions to academia, technological innovation, and leadership in the use of cutting-edge technology.

For over a decade, the College of Healthcare Information Management Executives (CHIME) has included UMHW on its exclusive "Most Wired" list — an organization that adopts and deploys IT to improve patient safety and health outcomes across the industry.

A facet of the 21st Century Cures Act, signed into law in 2016, mandates that patients have timely access to their health information — including diagnostic results. UMHW needed a solution capable of delivering images and results in real time.

250K+

patients served annually

30

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208

bed teaching hospital in Wyoming, MI



We like to say that we use innovation to change care, and our care changes lives. Our patients are our number one priority, so when choosing healthcare IT partners, we only partner with those companies and solutions that we believe will be in the best interests of our patients.

Erik Anderson — Regional Team Lead, Clinical Applications, UM Health-West & Sparrow Health System

Imaging at your fingertips.

UMHW uses Mach7's eUnity Diagnostic Viewer for patient-facing applications such as its patient portal, "MyChart." eUnity is a zero-footprint Universal Diagnostic Viewer and advanced visualization platform designed to integrate seamlessly into modern healthcare infrastructure.

By image-enabling the patient portal, patients can easily view their medical images and reports — empowering them to take an active role in their healthcare journey. The HTML5-based viewer promotes seamless integration with existing IT systems like EMRs, PACS, and VNAs, ensuring imaging data is available to all authorized users regardless of location or device.



Patient engagement

Delivers images and results in real time so patients become more informed and involved in their care decisions.



Provider collaboration

Primary care, specialists, and surgeons access comprehensive imaging records from any device, anywhere.



Continuity of care

In a downtime scenario, eUnity acts as a reliable backup so diagnostic imaging continues uninterrupted.



Because the 21st Century Cures Act requires diagnostic results to be readily available and immediately shared with the patient, we required a solution capable of delivering images and results in real time. We use eUnity to drive this workflow and deliver on this promise.

Erik Anderson — Regional Team Lead, Clinical Applications

The window into imaging for everyone.

eUnity connects providers and patients across the full range of clinical moments — from an unexpected injury to a joyous first ultrasound.

At UMHW, the patient's experience is at the heart of everything — from enabling patients to access and share their images easily to supporting complex surgical procedures. eUnity is an integral part of the patient care continuum, especially in complex cases requiring multidisciplinary consultations.

For emergency situations, eUnity's role as a downtime backup is invaluable — timely access to imaging can make a significant difference in patient outcomes.

eUnity allows us to connect providers and patients in multiple workflows and situations. Whether it is a case of an unexpected injury, like a broken ankle, or a joyous moment like viewing a first ultrasound, eUnity provides the tools we need to make these experiences as smooth and impactful as possible.

Casey Bartman

Systems Analyst II & PACS Administrator, UMHW

ACCESS & CONTROL

“When I broke my tibia plateau, I was able to download the DICOM files of my injury and even create a 3D print of my leg. This level of access and control over one's health information is powerful, and it's all possible because of eUnity.”

Casey Bartman — Systems Analyst II & PACS Administrator, UMHW

Technology that transforms patient care.

UMHW's partnership with Mach7 exemplifies how technology can be utilized to effectively transform patient care — from empowering patients with access to their health information to enhancing collaboration among providers.

eUnity plays a pivotal role in UMHW's mission to deliver exceptional care. The health system will continue to build on its strategy to deploy and utilize innovative solutions like eUnity to improve health outcomes and enhance the overall patient experience.



eUnity is imaging at your fingertips. It's the window into imaging for both the provider and the patient. It is intuitive and gives our providers the ability to find the information they want, move around quickly in the application, and share images with their patients. This capability is crucial in ensuring that our patients feel connected to their care and confident in the decisions made.

Erik Anderson — Regional Team Lead, Clinical Applications



LET'S TALK

Put imaging at everyone's fingertips.

See how Mach7's eUnity Diagnostic Viewer can image-enable your portal, connect your providers, and keep care moving — even during downtime.

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FROM PIXEL TO POINT OF CARE.

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