

# MX8

## Musculoskeletal Ultrasound System



# Elevating MSK Ultrasound

The MX8 MSK Ultrasound System is a specialty-focused, portable system designed with musculoskeletal (MSK) imaging in mind. With a weight and thickness of just 6.6 lbs and 1.7 inches, respectively, the MX8 MSK System is one of the lightest and thinnest laptop systems in the industry. It offers a customizable touchscreen and an intuitive user experience to help ensure reliable and efficient diagnosis and needle guidance during the most challenging exams.

Powered by Mindray's revolutionary ZONE Sonography® Technology+ (ZST+), the MX8 MSK System boasts advanced ultrasound capabilities that provide a harmonic balance of resolution and tissue uniformity. The system improves reproducibility, optimizes productivity, and increases consistency for all end-users with an extensive suite of artificial intelligence (AI)-enhanced technologies specialized for MSK exams and procedures.

## Empower Your Workflow With Advanced Features

### **iVocal Voice Control**

Based on artificial intelligence voice recognition technology, second-generation iVocal allows for a hands-free scanning experience, ideal for a sole operator or sterile environments.

### **iWorks Protocols**

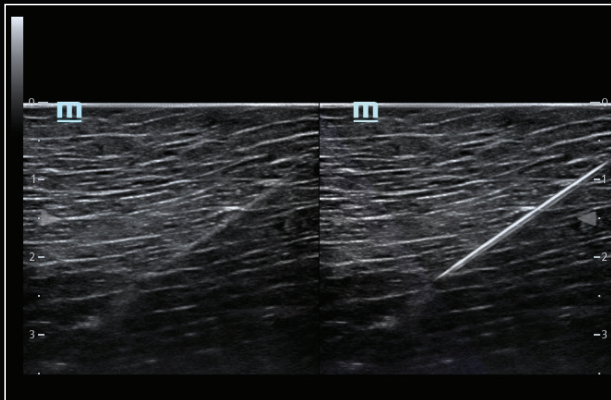
Offering a range of workflow protocols for MSK-specific applications, including wrist, shoulder, hip, knee, elbow, and ankle. iWorks™ Protocols help clinicians standardize exams and reduce exam time.

### **Wide Range of Transducers**

The MX8 MSK Ultrasound System offers a comprehensive portfolio of transducers for both superficial and deep tissue imaging ranging from 5-1MHz low frequency transducer to 20-5MHz ultra-high frequency transducers. The L12-3RCs linear transducer offers three programmable buttons, making it an excellent solution for MSK applications.

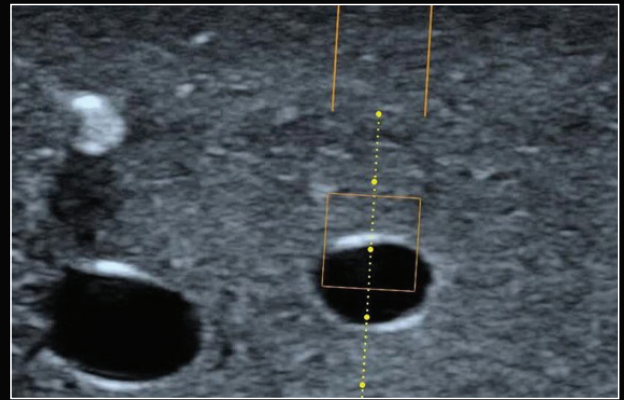


# Advanced Needle Visualization Tools



## iNeedle+

Our second-generation iNeedle+™ technology automatically detects needle angle and improve visibility on both linear and convex transducers during interventional procedures.

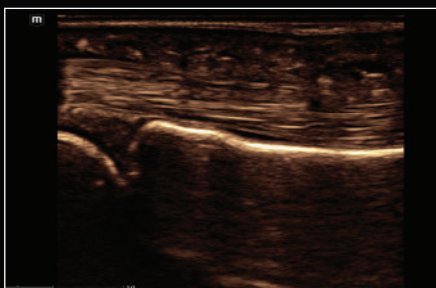


## eSpatial Navi™

4D magnetic needle navigation technology, eSpatial Navi™, delivers enhanced needle visualization and location during in-plane or out-of-plane procedures for improved physician confidence and patient safety during interventional procedures.

\* Compatible with L11-3VNs transducer

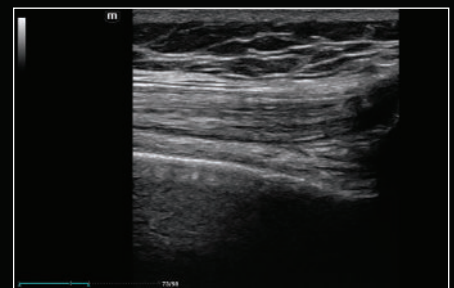
## Clinical Gallery



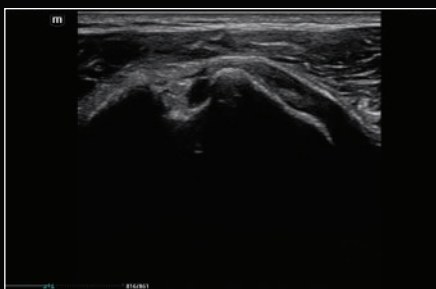
Flexor Tendon



Median Nerve



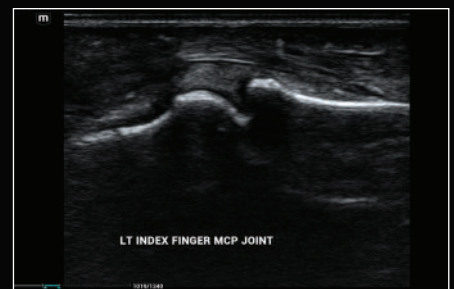
Patellar Tendon



Bicipital Groove



Femoral Head and Hip



Finger Joint



# Designed For Your Environment

## Featuring:

1. 15.6" LED monitor
2. Built-in battery that provides 90 minutes of continuous scan time in B-mode
3. Optional U-bank battery companion that supports up to 4 hours of continuous scanning
4. Advanced MSK AI-enhanced technologies and automation tools

## Peace of Mind Protection

The Industry's Best Investment Protection

### Living Technology

Living Technology™ is a continually evolving software-based approach to providing our customers with easily upgradeable enhancements made possible by our core imaging technologies. These upgrades secure product investment protection by ensuring that Mindray Ultrasound Systems remain at the cutting-edge of imaging performance throughout their entire life cycle.

### Standard warranty\* includes:

#### Five-years of coverage for:

- Main system and parts, and technical phone support Monday–Friday, 8 am–8 pm ET (excluding U.S. holidays)
- Standard transducers (normal wear and failure)
- Software performance updates with Living Technology

#### One-year of coverage for:

- Specialty transducers including, but not limited to TEE transducers

\* Warranties for systems purchased from Mindray authorized agents can vary.



### Mindray North America

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