



TIME MEDICAL
SYSTEMS



PICA
whole body MRI system

WE SEE WE CARE



Time Medical

Time Medical is a leading innovative Med-Tech company. The Company has developed advanced medical imaging systems and service solutions for emerging global healthcare needs. Time Medical has disruptive technologies, particularly high-temperature superconductor (HTS) which can replace liquid helium. The Company is leading the development of dedicated MRI systems for specialized diagnosis needs for Neonatal, Women's Health, and Elderly Care.



3A imaging for all

To develop **3A (Advanced, Accessible, Affordable)** medical imaging solution to serve the world's 4 billion population without access to diagnosis services.



3B imaging for more

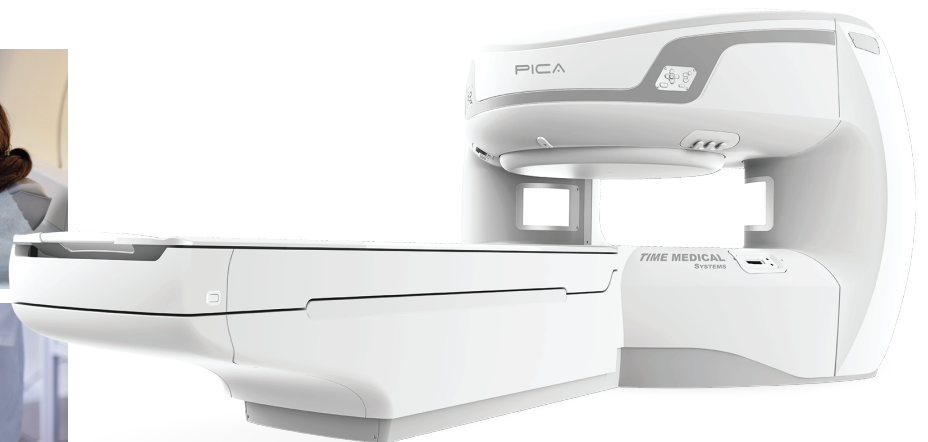
To develop new innovative technology and products in dedicated **3B** imaging services (**Baby, Breast and Brain**) for child care, women care, neuro image, as well as veterinary imaging.



PICA WHOLE BODY MRI SYSTEM

PICA is the **company's flagship product** which has an open architecture with advanced hardware platform and cutting-edge clinical applications, assuring patient comfort, fast acquisition times, and excellent image quality

PICA is widely recognized as one of the most cost-effective, high performance whole body MRI systems in the market. **PICA is most suitable for examining claustrophobic patients, children, elderly, and overweight patients** with restricted mobility.



PICA WHOLE BODY MRI SYSTEM



Optimized protocol for Brain in 20 minutes



Open MRI comes with the double-pole magnet design which offers maximum comfort for all patients.



Strongest Gradients at 33mT/m & Slew Rate of 90 T/m/s. PICA is unmatched by any system below 1.5T



Permanent magnet. No liquid helium required which is difficult to source and expensive thus, resulting to low maintenance cost



Not sensitive to electricity fluctuation and vibration. Ideal for geographically challenged areas



Quick response time with no downtime



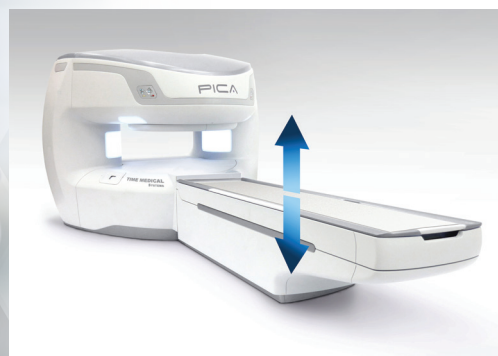
Widest Range of Clinical Applications including: ce-MRA, DIXON Fat & Water Separation, DWI & ADC map.



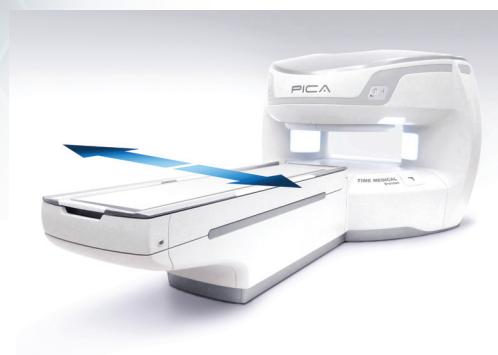
PROVIDA drives users-friendly clinical workflows during patient set-up, scanning and data management.



PICA WHOLE BODY MRI SYSTEM



UP/DOWN Travelling distance 200mm



LEFT/RIGHT Travelling distance ± 120 mm



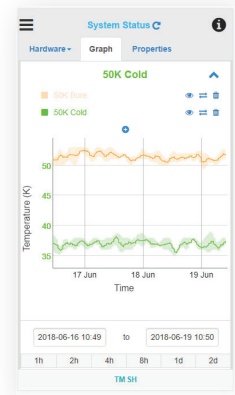
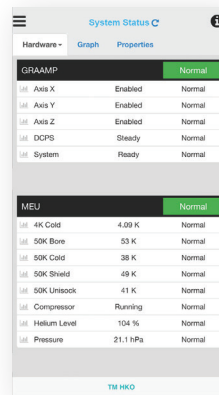
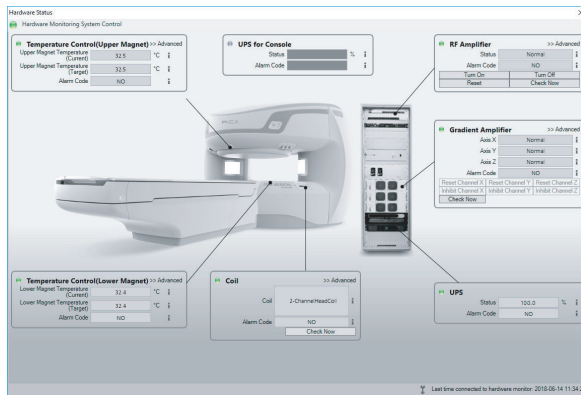
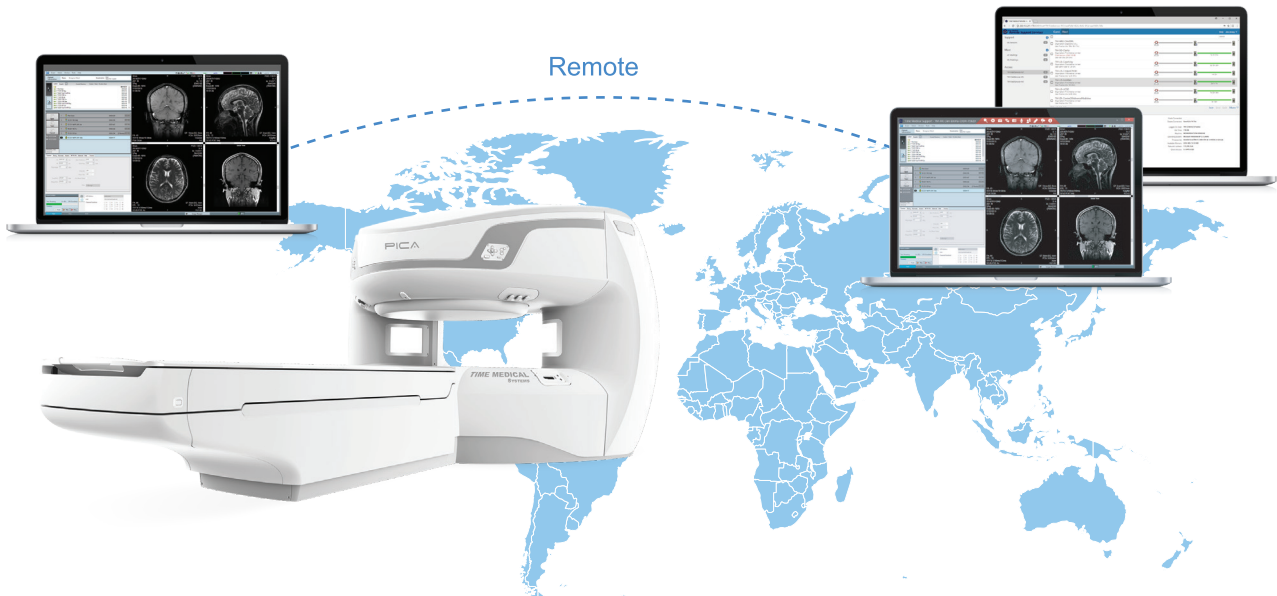
IN/OUT Travelling distance 2000mm

The **PICA** has satisfied the ACR **Accreditation requirements** of 4 MRI modules: **Head, Spine, Body and MSK.**

This accreditation serves as the approval for financial reimbursement for patient scans by the US Government MEDICARE program and many private insurance companies in the US.

Remote Support Services

- Provide real-time remote software support through internet from authorized doctors and support personnel
- Provide real-time remote monitoring of system of hardware status from anywhere in the world
- Provide insight for preventive maintenance avoiding any major breakdown
- Efficient service turnaround time when service engineers can view hardware status from the service centers prior to the visit



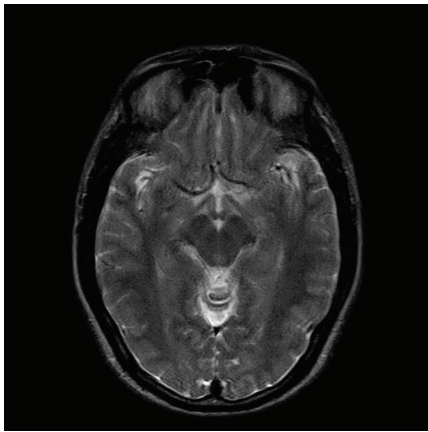
Cloud Teleradiology Platform & Picture Archiving and Communication System (PACS)

- Images are sent to the Cloud for secured storage and review
- Web-based interface allowing diagnosis and reporting by doctors and experts anywhere and anytime without boundary
- Intelligent deep learning engine provides first-pass diagnostic assistance immediately upon arrival of images (WIP)

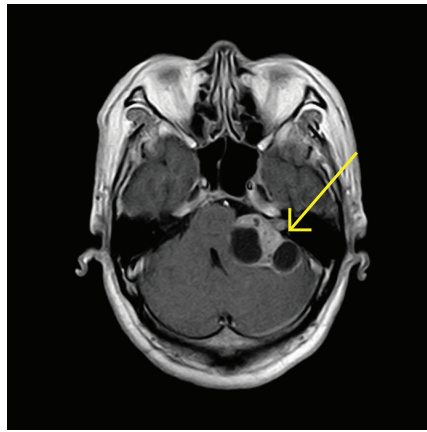


NEURO IMAGING

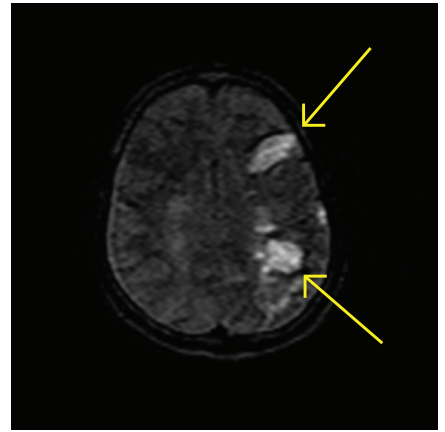
The Neuro Suite provides optimized scanning protocols with high resolution and SNR image quality for diagnosis.



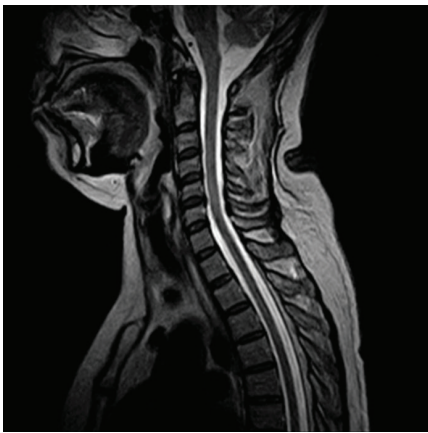
T2 FSE 512 matrix



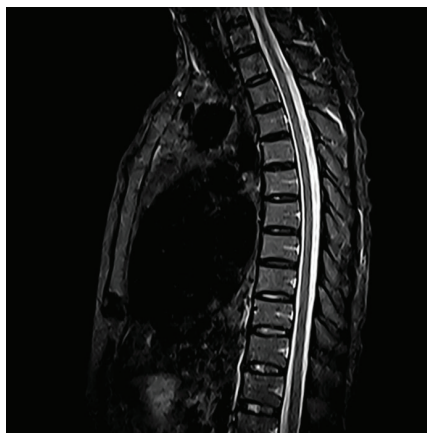
T1 SE Contrast Enhanced



DWI



T2 FSE



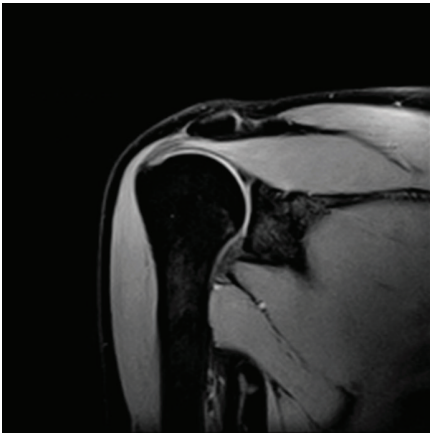
IR FSE



T1 SE Contrast Enhanced

MSK IMAGING

The Ortho Suite provides a wide variety of optimized protocols for extremities imaging.



T1 GRE 3 Pt Dixon



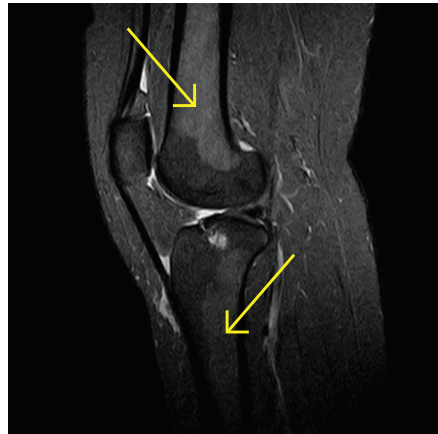
T1 SE 3 Pt Dixon



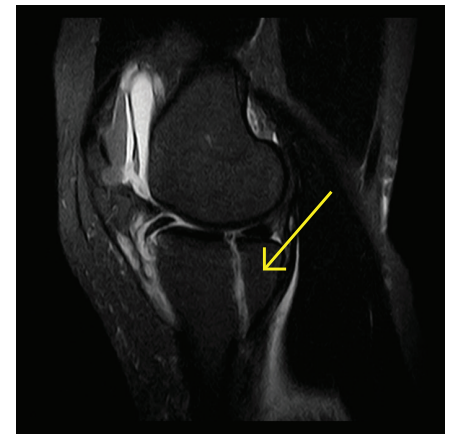
T1 SE



IR FSE



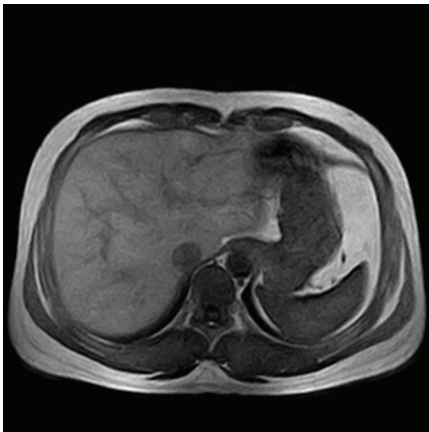
PD STIR



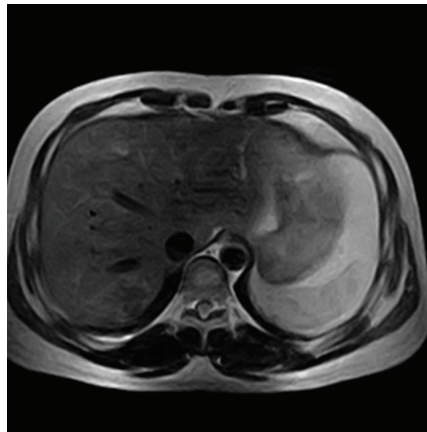
IR FSE

BODY IMAGING

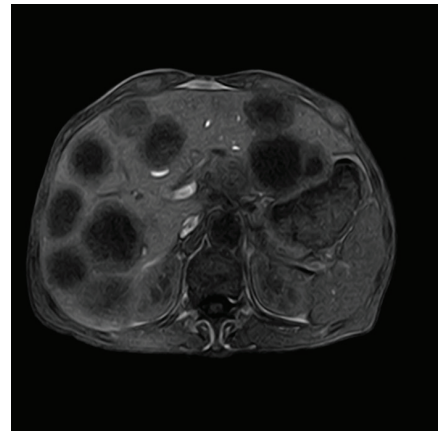
The Body Suite is specialized for clinical body examinations.



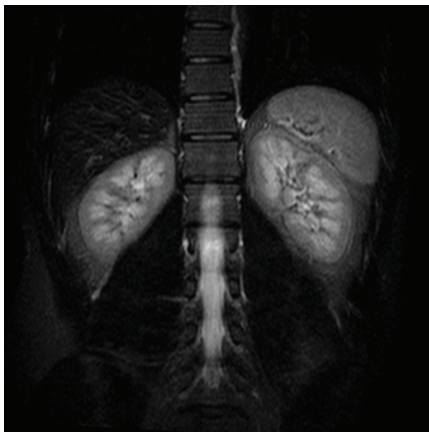
T1 GRE Breathhold



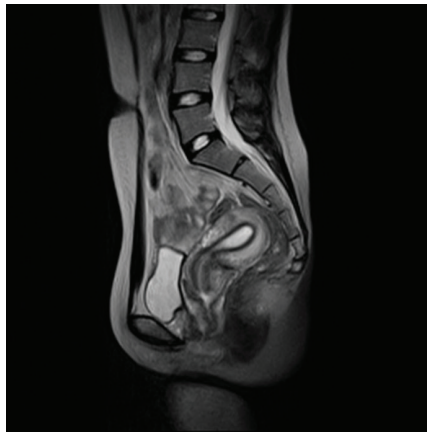
T2 FSE Respiratory Gating



T1 GRE Breathhold



IR FSE Respiratory Gating



T2 FSE



T2 FSE

NEONA

neonatal MRI system

The first superconductive neonatal MRI in the world approved and registered with US FDA. NEONA is a much safer diagnostic system for babies with a substantial reduction of RF power Specific Absorption Rate (SAR) and acoustic noise. The system is more compact and lighter, it can be easily installed in the same areas the Neonatal Intensive Care Unit (NICU), reducing the risk in transporting premature babies in the hospital.

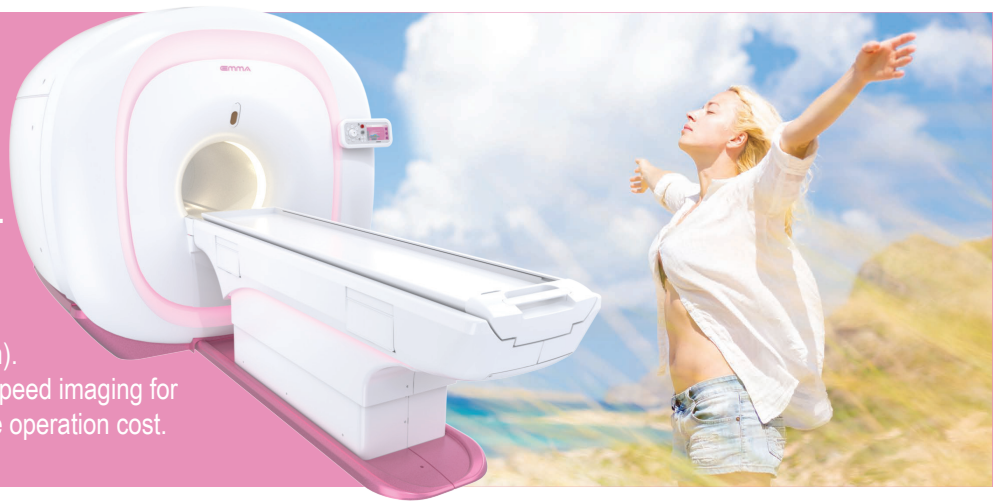


EMMA

whole body MRI system

A 1.5 Tesla whole body MRI machine.

In addition to basic scans like brain, cardiac, liver, abdominal organs, pelvis, blood vessels, joints and bones, EMMA has a special optimal breast scanning feature. EMMA's breast MRI feature is the safest and most effective examination for breast cancer diagnosis and has sensitivity of over 80% (compared with 64% from mammogram). EMMA delivers higher image quality, faster speed imaging for better applications performance at affordable operation cost.



PANION

veterinary MRI system

Time Medical developed advanced software for small animal scans as well as specialized RF coils for optimal image acquisition. Time Medical is the leading company to provide advanced imaging services to the veterinary market which can help Vet hospitals with precise diagnoses and optimized treatment plans.



NOVA

7T NOVA Preclinical MRI System

NOVA is a 7 - 9.4T preclinical MRI system using the world's leading-edge magnet and console technologies configured to meet requirements and demands in preclinical studies. NOVA employs the superconducting shims to precisely correct for several orders of field inhomogeneity and superior image quality can be obtained. Time Medical provides innovative high-temperature superconductor (HTS) coils that greatly improves system performance.



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