







## **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 MRI (Super MR). The Company is leading the development of dedicated MRI systems for specialized diagnosis needs for neonatal, women's health, and elderly care.



#### **IMAGING for ALL:**

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



#### **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.

# **Company Profile**



With the disruptive technology, Time Medical has developed innovative and state-of-the-art medical imaging products for Baby, Breast, and Brain diagnosis including the world's first Neonatal MR, the Al-based Breast MR, as well as ultra-high field Brain MR. Time Medical has also created unique Mobile Medical Imaging Systems (MMIS) with AI and big technologies to provide (Advanced, Accessible, and Affordable) diagnosis services to developing countries

Time Medical introduced the High Temperature Superconductor (HTS) technology and product to the Director of National Institutes of Health, Dr. Francis S. Collins during the Coalition for Imaging and Bioengineering Research (CIBR) Medical Imaging Technology Show in Congress.





Time Medical introduces the 3A (Advanced, Accessible, and Affordable) mobile diagnostic service to World Health Organization Director-General Dr. Tedros.

## **Innovative Products - Baby**





# Award in International Exhibition of Inventions of Geneva

Time Medical has participated in the world leading IP convention. Time Medical exhibited with the World's First Neonatal MRI System - NEONA and won the Prix de l'Etat de Genève award which is the highest award among the medical class.

# NEONA, the first superconductive neonatal MRI in the world

Compared with regular MRI, NEONA is a much safer diagnostic system for neonates with a substantial reduction of RF power Specific Absorption Rate (SAR) and as well as acoustic noise

With the Neonate tailor-made system, software and pulse sequence, NEONA provides the fast and precision neonate imaging service. The system is more compact and lighter, it can be easily installed inside/nearby the Neonatal Intensive Care Unit (NICU), reducing the risk in transporting the prenature neonates in hospital.



#### **Innovative Products**



EMMA - The 1.5T Whole Body MRI System which has been approved by US FDA, comes with zero boil-off superconducting magnet which does not require regular refill of liquid helium.

The wide range of clinical applications allows professionals to perform all types of scans (ranging from knee, spine, ankle, vascular, head, shoulder, abdomen, wrist etc.) to patients from routine pulse sequences to advanced clinical diagnosis.

The integration of our Prodiva Platform allows simple workflow with consistent great image quality resulting in higher patient throughput and productivity. We care about the customer experience during the scanning process - our EMMA features feet-first entry, noise-reduction and optimal protocol to provide a shorter, quieter and more comfortable scanning experience.

#### **Innovative Products - Brain**



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 RF coils that greatly improves system performance.

# **Advanced, Accessible, Affordable - Products**



PICA is the company's flagship product which has an open architecture with advanced hardware platform and leading 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. Additionally, PICA is also suitable for examining children, elderly or overweight patients with restricted mobility, or claustrophobia patients.

## Advanced, Accessible, Affordable - Products



The 1.5T MICA Whole Body MRI System comes with zero boil-off superconducting magnet which does not require regular refill of liquid helium. The wide range of clinical applications allows professionals to perform all types of scans to patients from routine pulse sequences to advanced clinical diagnosis. The integration of Prodiva platform allows simple workflow with consistent great image quality resulting in higher patient throughput and productivity.

Disclaimer: MICA MRI system has not yet obtained FDA 510(k) premarketing notification clearance from FDA. Not available for commercial sale within the US. Time Medical reserves the right to change the dimension and appearance. (Product availability in other markets is subject to local regulatory approval.)

#### Advanced, Accessible, Affordable - Products





MMIS offers advantages from both techniques: imaging the fast. convenient and affordable preliminary health screening with DR; high soft tissue contrast resolution, freedom of slices at arbitrary orientations, free from specific radiation ionizing and techniques on fat and water imaging with MRI, resulting in a wide range of clinical applications.

Combined with the remote diagnosis feature, the MMIS can serve duties such as providing mobile imaging services in community. The MMIS will be the best solution for annual diagnosis imaging screening for all populations.





The Mobile DR System is used for fast screening during the COVID-19 outbreak.

MMIS-X provides imaging aid and on-site health screening in rural areas.

# **Veterinary Products**



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.





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