



Symbow Medical Care for Your Health and We Lit the Hope of Your Life

Symbow Medical Technology Co., Ltd. (Symbow Medical) is a high-tech joint venture founded by a group of scholars from the USA. With more than 10 years' experience in the medical device industry, Symbow Medical is providing high quality technologies and products to the world.

The company focuses on the technology development and industrialization of innovative medical devices in the fields of tumor early diagnosis and minimally invasive precise-treatment. Symbow Medical have successfully developed and introduced to the market of innovative products including a novel breast imaging System (OPTIMUS), MRI and CT guided minimally invasive therapy platforms using optical and electromagnetic tracking techniques, and the OPTIPET dual-modality molecular imaging system in the past few years. The company owns numerous international patents and has dozens of peer-reviewed research publications on the proprietary technologies and products. Symbow Medical's technologies have been awarded many technology innovation awards and have been granted lots of national fund supports.

Symbow Medical's innovation comes from its own team as well as world-wide collaboration, including world renowned institutions such as Harvard Medical School, Johns Hopkins University Medical School, University of Connecticut, the USA National Center for Image-Guided Therapy, Chinese Academy of Sciences, Tsinghua University, PLA General Hospital, Peking Union Medical College Hospital, Tianjin Tumor Hospital, Sun Yat-sen University Cancer Hospital, and many more. With the strength of its own talents and support of others, Symbow Medical aims at providing the latest and best medical solutions, comprehensive clinical support and advanced research opportunities for its customers.

Symbow Medical commits itself to the mission of the industrialization of innovative medical technologies. The vision of the company is to make outstanding technologies and superior quality products available to people in every corner of the world. Symbow Medical, a brand with a vision that aims to change the world.



Dual Modality Breast Imager with DOT and Ultrasound



- *Early diagnosis: OPTIMUS can detect angiogenesis in the early stage of the cancer growth using optical diffusion technology. It can detect breast ductal carcinoma and invasive carcinoma of 5mm-1cm in diameters*
- *Dual modality diagnosis: Providing both morphological and quantified functional information of the breast*
- *Non invasive detection: Repeatable within a short period of time without any damage*

Megrez® Navigation System



Megrez® CT-Compatible Navigation System

- *Specifically tailored for percutaneous interventional therapy*
- *Compatible to CT systems of all manufacturers*
- *Enable more interventional treatment approaches*
- *Increase patient treatment demands*
- *Improve treatment efficacy and safety*



- *Highly accurate targeting-Tailored for MRI-guided navigation supporting interactive real-time targeting*
- *Safe and efficient procedure guaranteed by accurate targeting and continuous MRI treatment monitoring*
- *Fully compatible with MRI system, allowing for minimally invasive therapy without any radiation harm and with the best soft tissue contrasts*
- *System closely integrated with various minimally invasive treatment devices and modalities*



Megrez® MRI-Compatible Navigation System



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NEWS

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Symbow Medical Presented at the 9th International Symposium on Interventional MRI

The 9th International Symposium on Interventional MRI, hosted by Harvard Medical School and Brigham & Women's Hospital, Johns Hopkins University, and University of Leipzig, was held at Joseph B. Martin Conference at Harvard Medical School on September 22nd and 23rd, 2012.

During the biennial meeting, more than 250 scientists and physicians from all over the world came to Harvard to exchange their latest research results in the MRI-guided therapy field, and many companies also shared with researchers of their new products. Symbow Medical also presented its novel MRI-compatible Megrez[®] navigation system. Dr. Lei Zhao of Symbow Medical gave an oral presentation on his research using open MRI guided navigation suite for cancer ablation treatment. The audience showed a great interest in Dr. Zhao's talk and gave very positive feedbacks.

All conference attendees visited the state-of-

the-art AMIGO (Advanced Multimodality Image Guided Operating) suite in Harvard Medical School and Brigham & Women's Hospital. Staff in AMIGO gave a detailed explanation of the unique features and clinical advantages of Symbow Medical's Megrez[®] navigation system in AMIGO. Megrez[®] is the only system that is true MRI compatible. With the help of Megrez[®], Harvard doctors can perform minimally invasive therapy procedures such as biopsy and DBS implant inside or right by the 3T scanner in the MRI room. Such setup allows real-time or more frequent MRI scans to update the spatial relationship of the anatomy and surgical tools in order to provide more efficient, more accurate and safer surgical guidance. Megrez[®] works with the PET/CT system in AMIGO for combined anatomic and functional imaging guided interventions. The introduction of Megrez[®] navigation to the AMIGO suite allows broader clinical applications for Harvard physician.



Dr. Lei Zhao of Symbow Medical is giving a talk on his research using open MRI guided navigation suite for cancer ablation treatment.



Harvard staff is demonstrating the PET/CT guided therapy procedure with the assistant of Megrez[®] Navigation System.