



Made for Health



NUTAS E10

Non-invasive Ultrasound Tumor Ablation System

Non-invasive Ultrasound Tumor Ablation System (NUTAS) — A Revolutionary Approach for Tumor Treatment

● Non-invasive tumor treatment

NUTAS utilizes high intensity focused ultrasound for in situ tumor ablation without surgery, causing no bleeding, no harm to the surrounding tissues, and no dysfunctions of limbs and organs.

● Tumor treatment of no toxic/side effects

NUTAS uses no chemotherapeutic agents and induces no radiation damage. It stimulates the immune system of patients, enhances the immunity of body, and reduces tumor recurrence and metastasis rates.

● Safe tumor treatment

NUTAS has Type-B ultrasound images guide and monitor the whole treatment process in real time. The high-precision Motion Control Unit completes tumor positioning rapidly and accurately. The ultrasound emission unit controls the emission intensity precisely to guarantee no damage to normal tissues during tumor ablation process.

● High efficiency tumor treatment

Only one time treatment by NUTAS can result in coagulative necrosis of tumor tissues. iSun™, the 3D treatment planning software, integrates tumor tomography recognition and 3D reconstruction technologies, and provides comprehensive treatment information in 3 dimensions, which assist to complete routine treatment rapidly and accurately. It also offers real time assessment of treatment effect.

● Effective tumor treatment

Clinical trial results indicate that the complete response (CR) rate of NUTAS treatment is considerably higher than that of radiotherapy and chemotherapy. The curative effect is definite. The safe treatment without side effects obviously improves patients' clinical symptoms and quality of life.



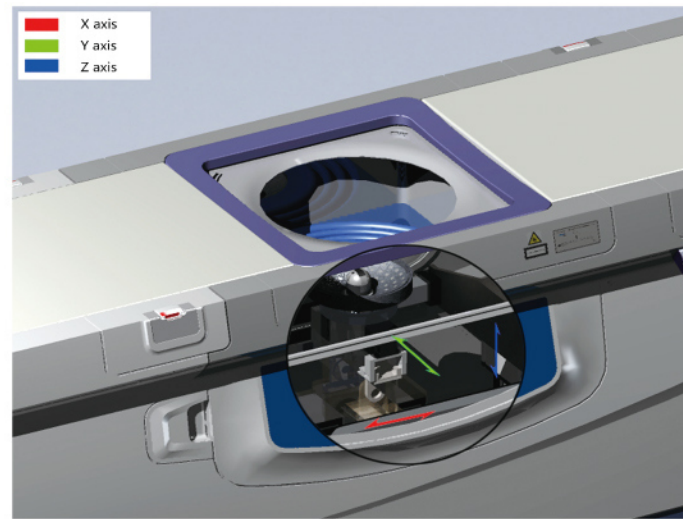
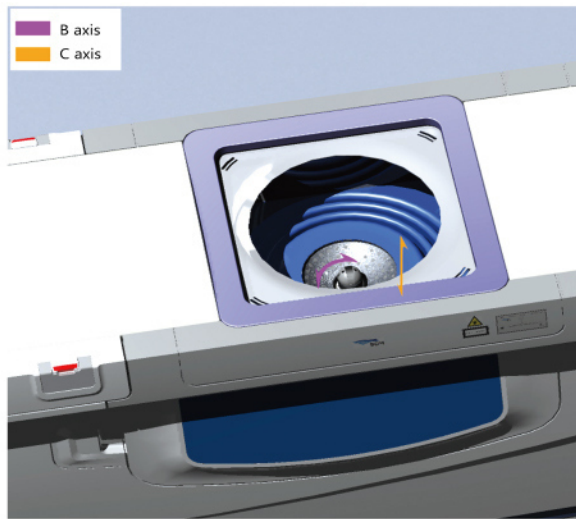
The extremely humanized structure with soft tone creates a relaxed treatment atmosphere.



NUTAS E10 presents a revolutionary approach for tumor treatment. Accurate dose control, stylized operation interface, and super-wide-angle Console Unit with full screen touch and shortcut key operation modes bring impressive user experience to both patients and medical personnel.

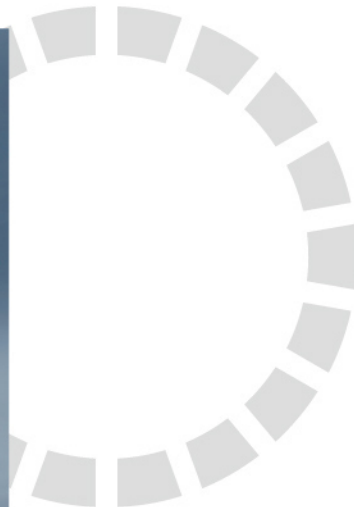
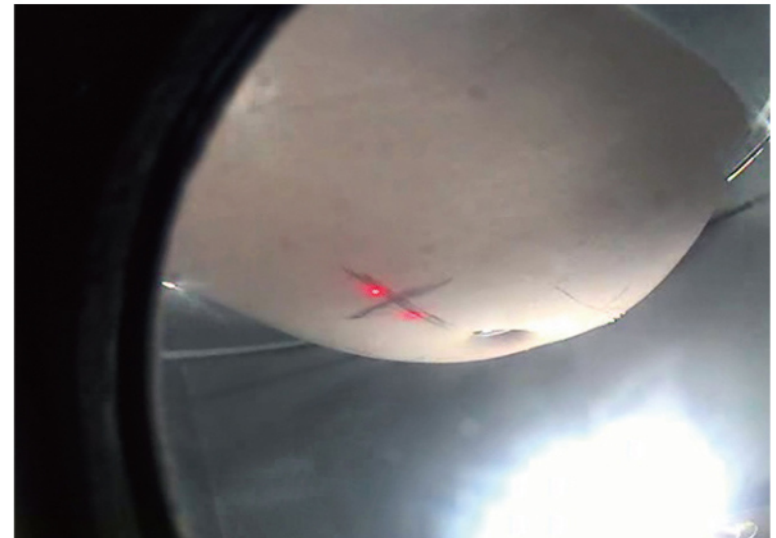
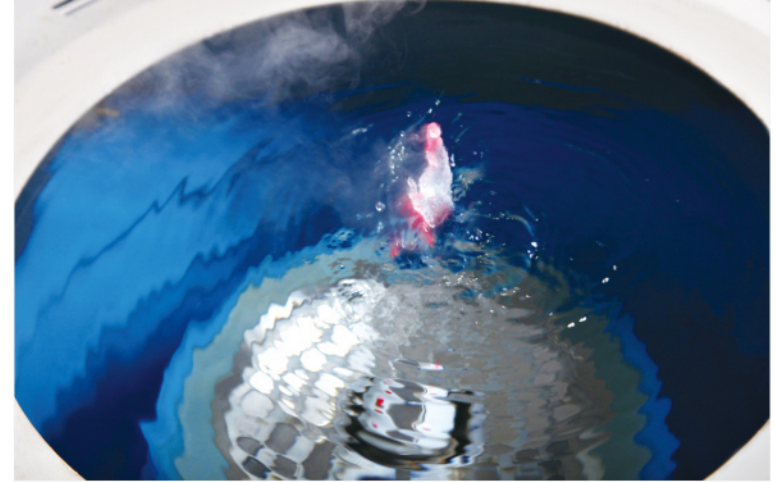
High-Precision Motion Control Unit of 5 Degrees of Freedom

NUTAS E10 applies robot system of multiple Degrees of Freedom (DOF) and Micro-Controller Unit (MCU) to control the movement of focused ultrasound transducer in horizontal, vertical and rotating directions, and the rotation, ascending and descending of Type-B ultrasound probe in multiple dimensions, which makes tumor treatment rapid, flexible and accurate.



Tumor Positioning Unit

The innovatively designed Laser Aided Positioning Device and system-connected Color Doppler Ultrasound Diagnostic Instrument of NUTAS E10 help you to complete target region positioning accurately and rapidly.



With the underwater camera, the Laser Aided Positioning Device completes target region positioning accurately and rapidly, so that doctors can concentrate on treatment scheme confirmation.

The system-connected Color Doppler Ultrasound Diagnostic Instrument adopts high density beam forming technology to generate extraordinary fine resolution clinical images, which helps you to complete tumor positioning fast and precisely.

Multiple Operation Modes

The super-wide-angle Console Unit is equipped with high resolution medical displays. Matching the full screen touch and shortcut key operation modes, it brings unprecedented operation experience.

Equipped with high resolution medical displays, the super-wide-angle Console Unit displays more comprehensive treatment information at the same time. The unique design of main and auxiliary operation areas enable medical personnel to complete treatment more efficiently.

The humanized function module partitions with shortcut key operation mode and the unique design of enable keys with light indicators promote the flexibility of system operation without worry of misoperation.



The convenient Nurse Workstation offers practical functions of target region positioning assistance, medium water parameters adjustment and treatment state monitoring, etc, which assist nurses to control treatment progress.

As system controlled auxiliary operation platform, the Nurse Workstation with touch screen and shortcut key operation modes assistedly monitors and quickly adjusts the target region positioning, therapeutic dose and medium water parameters, which ensure a safer and more reliable treatment process.



Nurse Workstation



Changjiangyuan Technology Development Co., Ltd.

Changjiangyuan Technology has been devoted to the research and development of Non-invasive Ultrasound Tumor Ablation System (NUTAS) for 13 years. The core of the cause is everlasting care to human beings from the company staff. Changjiangyuan Technology has always been sticking to the commitment of "Made for Health", making every effort to supply highly sophisticated products for the community, disseminating health concepts, and serving unswervingly for improving the quality of human health.



Our Mission:

Supply reliable products, provide high quality after-sales services and become long-term partner with clients.



Our Goal:

Become the pioneer and leader in the field of ultrasonic treatment technology globally.



Our Commitment:

We provide high-efficiency clinical tumor treatment schemes to become your most reliable partner.
We offer professional technical support and a full range of services to bring the performance of NUTAS into full play.
We provide practical operation training to make you a master of NUTAS technology and operation.



Anfragen von Kliniken und Vertriebsfirmen bitte an

ICP International China Projects GmbH
Lammelrath@chinaprojects.info