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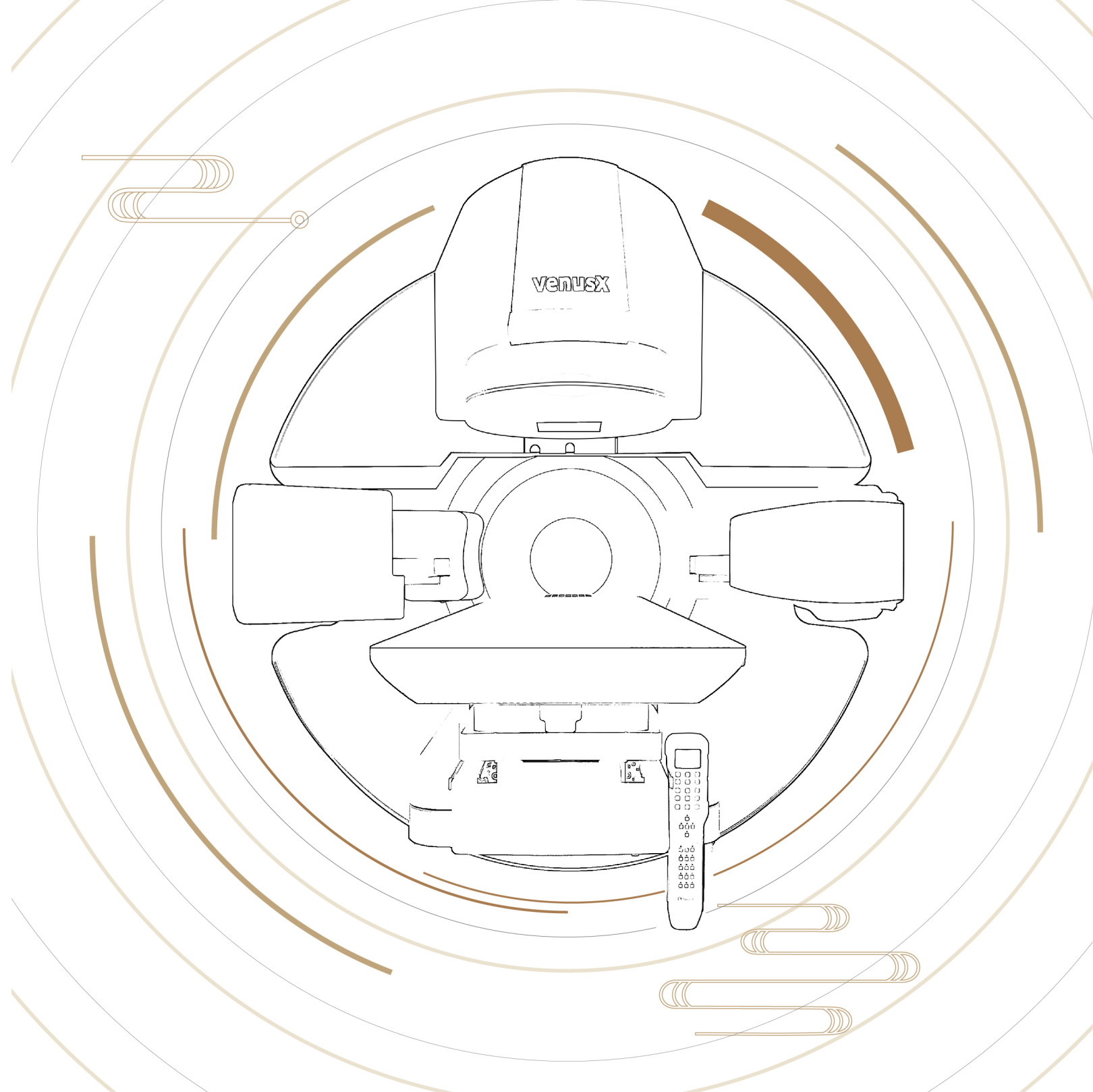
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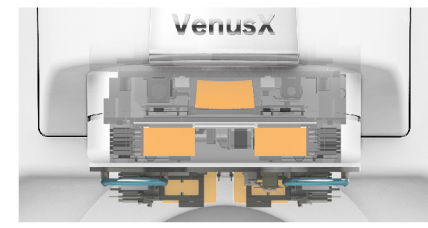


VenusX

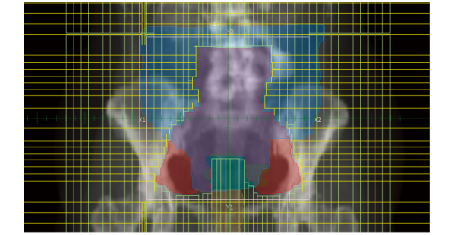
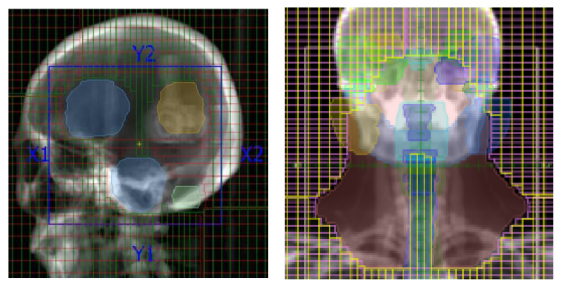
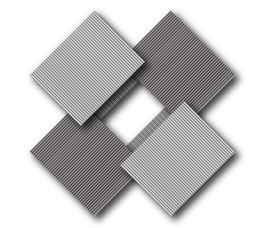




venusx



Orthogonal Triple - Layer MLC



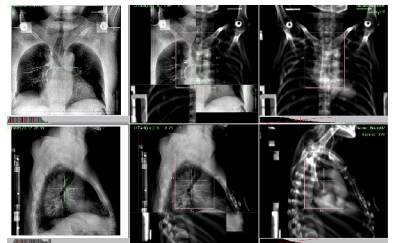
Enhances the conformality significantly

Independent Dual Ring kV CBCT IGRT
kV/MV mixed reconstruction

Intelligent 6D couch

Efficient Positioning

The AI based kV/MV mixed construction and registration algorithm improves the patient localization significantly.



0°MV/90°kV image mixed construction

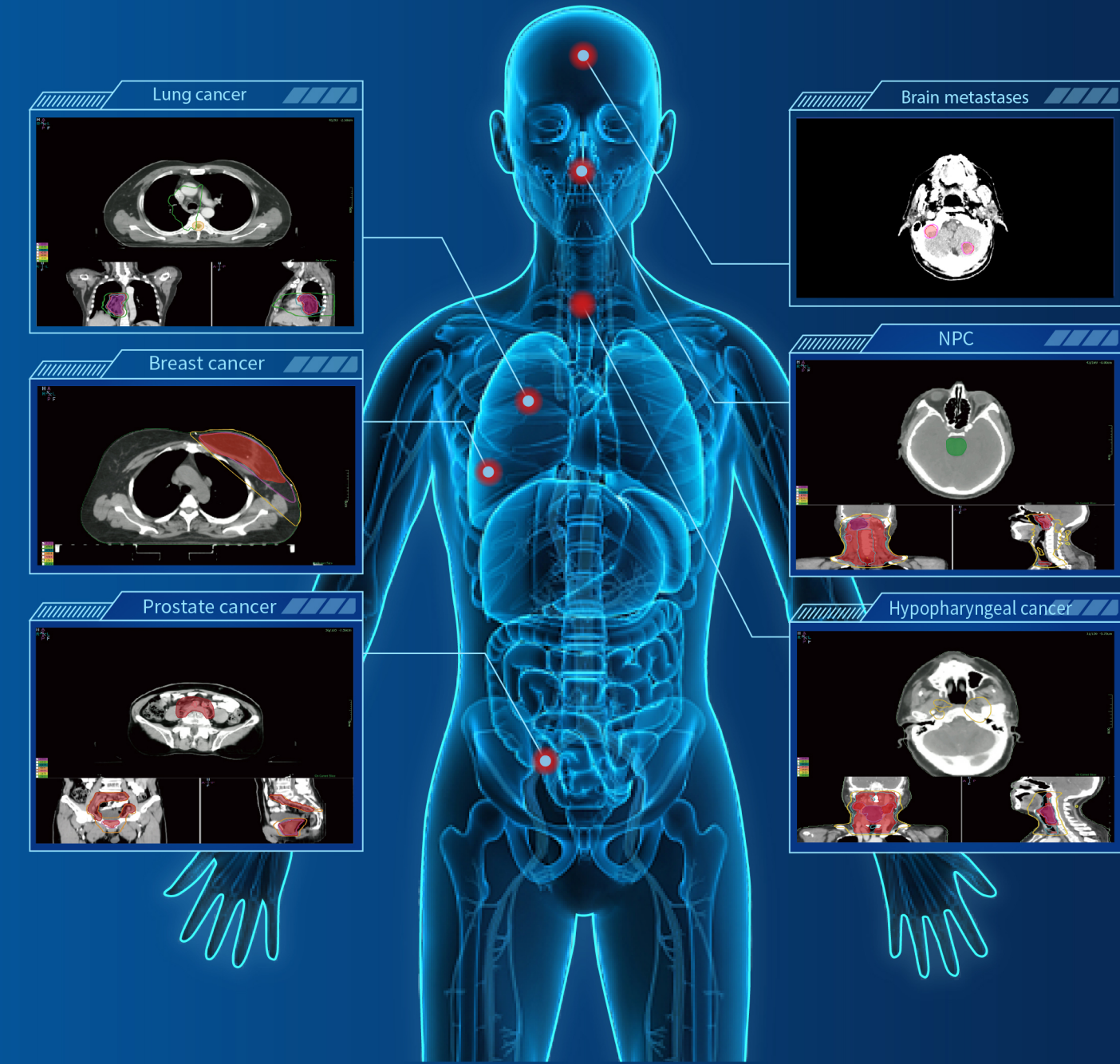


VenusX Intelligent Medical Linear Accelerator

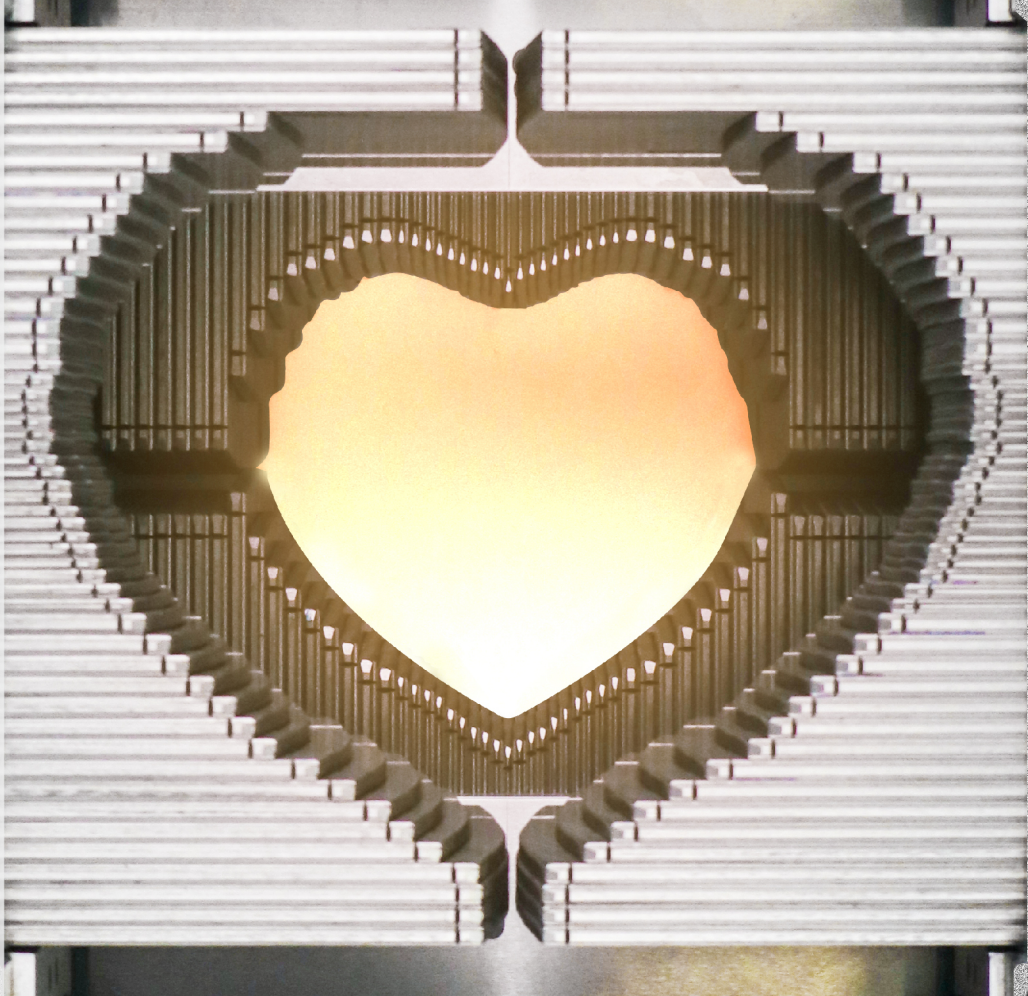
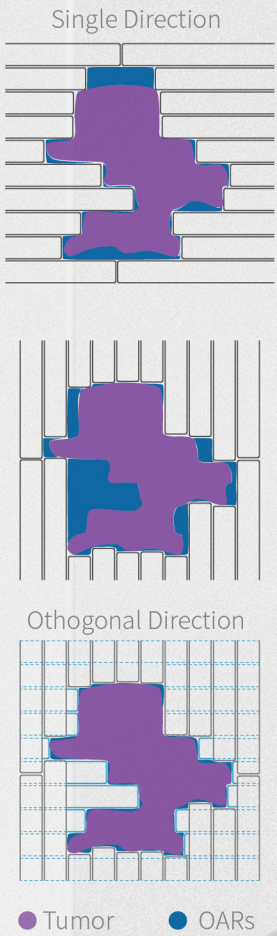
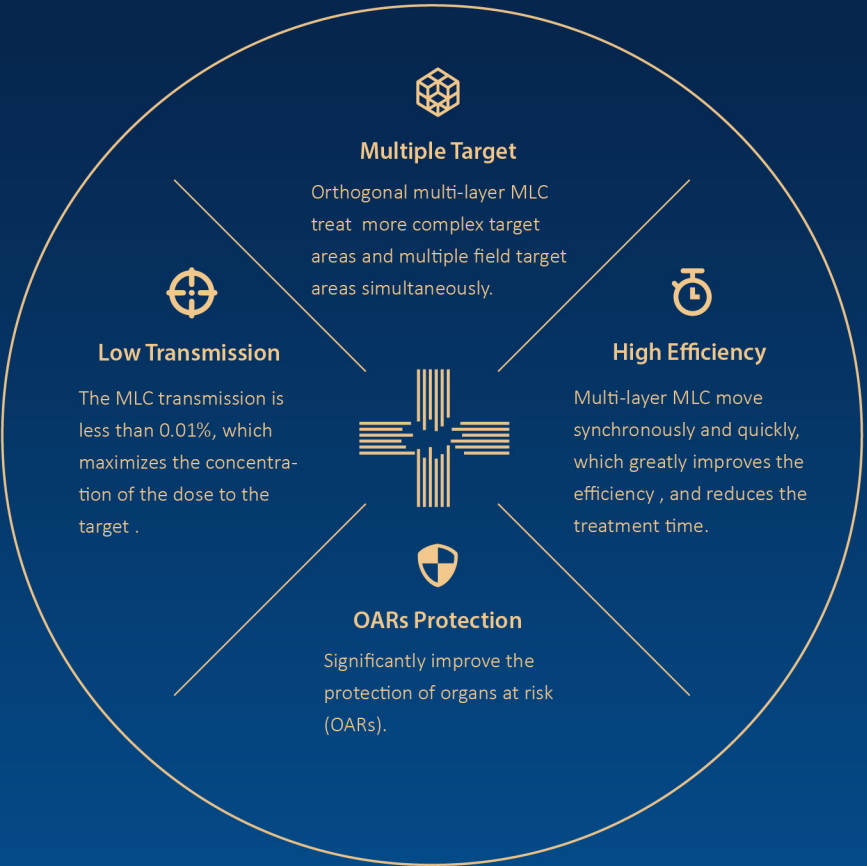
The VenusX equipped with the state-of-art orthogonal multi-layer MLC collimator, AI based dual-ring CBCT IGRT system, and online verification QA/QC system, makes the patient radiation treatment more efficient, precise, and easy.

- Energy: 6MV FFF
- Dose Rate: 1000cGy/min
- Field Size: 40cm*40cm
- Multileaf Collimator: Orthogonal Multi-Layer MLC
- Minimum Leaf Width: 2mm
- IGRT Mode: Mixed MV, kV, CBCT
- QA: One-Key Auto QA
- Treatment Mode: CRT/IMRT/IGRT/VMAT/SRS/SBRT
- Image Pixel Size: 0.1mm

Comprehensive Patient Treatment



Orthogonal Multi-Layer MLC



Providing Superior Products for Cancer Treatment

The Advanced Orthogonal Multi-Layer MLC, improved the tumor coverage conformity and reduced the MLC leakage.

Volumetric Modulated Arc Therapy



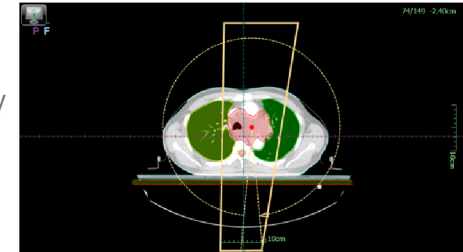
High Efficiency Volumetric Modulated Arc Therapy

Tumor Type: Small-Cell Lung Carcinoma

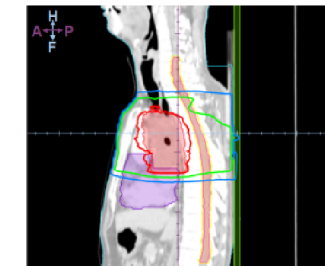
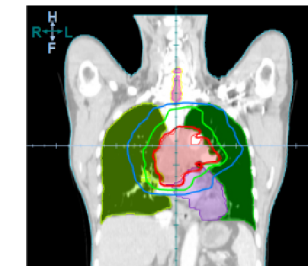
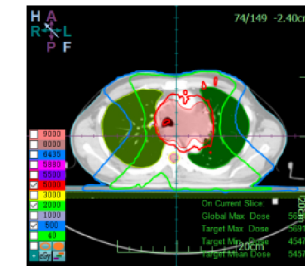
Prescription Dose: $200\text{cGy} \times 25\text{f} = 5000\text{cGy}$, $D_{95} \geq 5000\text{cGy}$

OARs: Esophagus: $D_{\text{max}} < 5200\text{cGy}$, Lung: $V_{20} < 25\%$

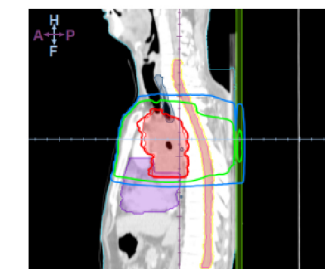
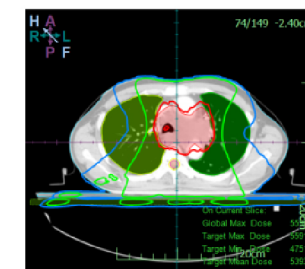
Heart: $V_{30} < 30\%$, Spinal Cord: $D_{\text{max}} < 4500\text{cGy}$



6 Field Sliding Window IMRT



OtARC Volumetric Modulated Arc Therapy

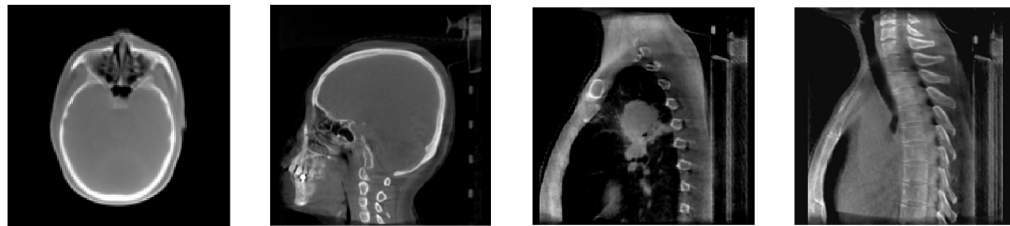


OtARC volumetric modulated arc therapy is based on the orthogonal double-Layer MLC, and the treatment time is shorter than the Sliding Window IMRT.

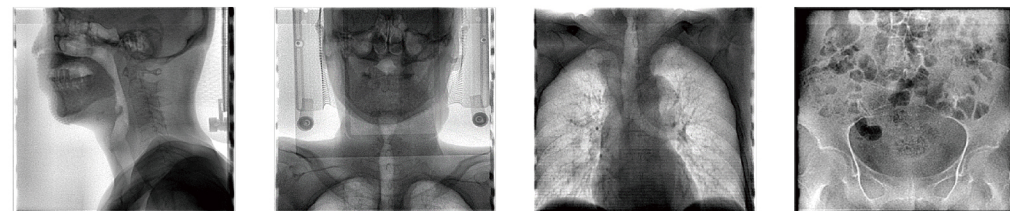
Intelligent IGRT System

- MV high resolution image guidance system with better bone mark.
- Independent Dual ring kV CBCT image guidance, clear sight of soft tissue.
- MV EPID and kV CBCT AI automatic image guidance algorithm. allow faster image guidance and automatic positioning.

kV CBCT Positioning Image

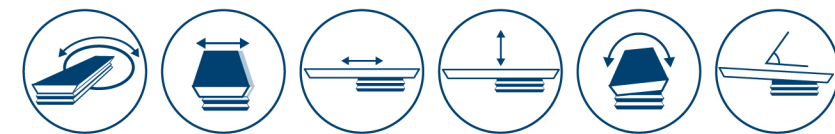


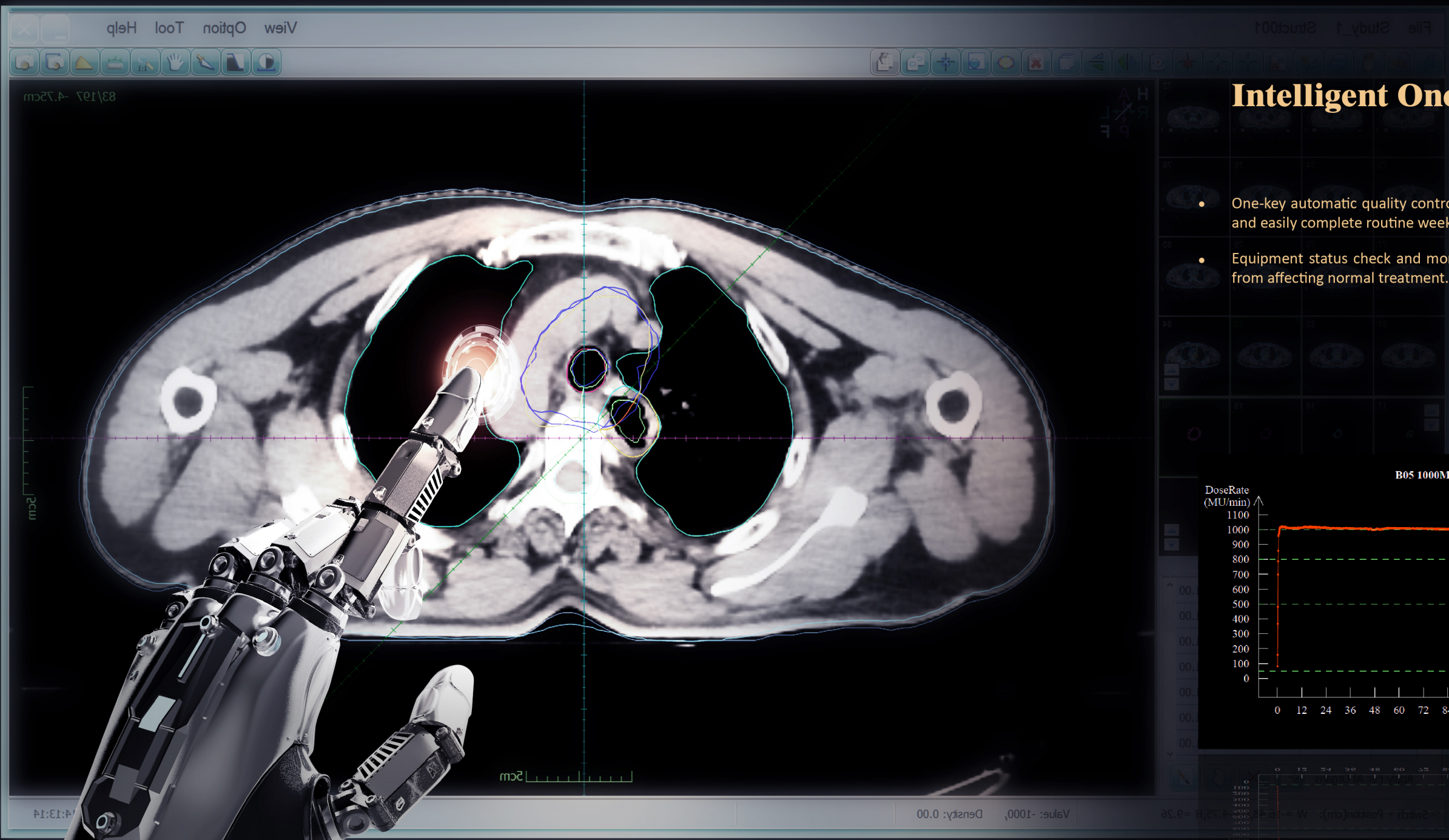
MV EPID Positioning Image



**Intelligent 6D
Treatment Couch**

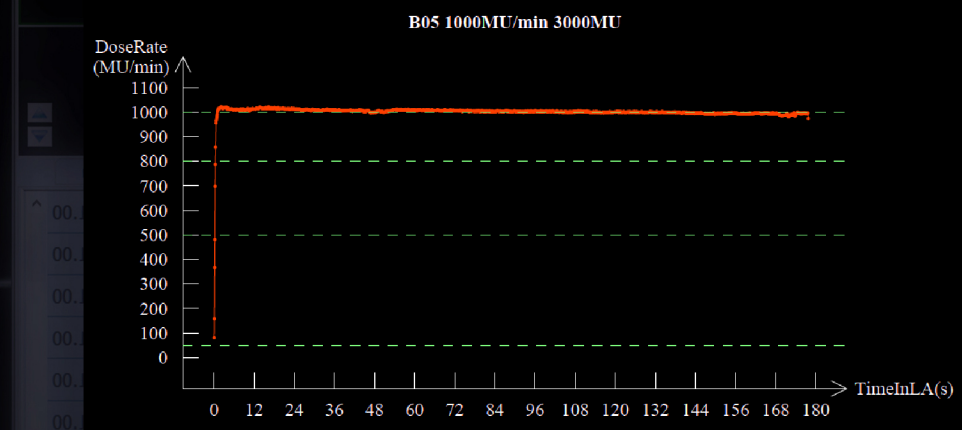
Providing Superior Products for Cancer Treatment





Intelligent One-key QA

- One-key automatic quality control system can help medical staff quickly and easily complete routine weekly, monthly, and annual QA procedures.
- Equipment status check and monitoring can prevent equipment failure from affecting normal treatment.



Providing Superior Products for Cancer Treatment



LinaTech was founded in Silicon Valley 20 years ago, we have been focused on bringing superior technology to cancer treatment. Our products include the state-of-the-art Treatment Planning System (TPS), Multiple Leaf Collimator (MLC), Image Viewing IGRT System (IVS), and Medical Linear Accelerator (VenusX), and have been used by 800 clinical users and millions patients worldwide.