EN

LUNA 3D

Discover the New More in SGRT

Precise patient setup

LAP´s new LUNA 3D camera-based patient monitoring enables precise patient positioning for every treatment fraction. With high-resolution cameras capturing detailed patient data, you can confidently deliver advanced treatment techniques like SRS and DIBH with ease and precision.

Continuous motion monitoring

Powered by parallel GPU computing, LUNA 3D offers continuous, real-time monitoring of patient motion with low latency. Say goodbye to treatment uncertainties caused by intra-fraction patient motion and mitigate the risk of damaging healthy tissues and Organs at Risk (OAR).

Seamless documentation

LUNA 3D´s comprehensive reporting tools and SGRT data interface provide seamless documentation of patient positioning and motion throughout the treatment fractions. Now, you can easily trace potential reasons for treatment results, reduce liability risks, and increase patient safety along the treatment process.

Simply Precise

The New More in power of efficiency and technology

Streamlined workflow and easy deployment

LUNA 3D offers a browser-based user interface for easy deployment on multiple screens and streamlined workflows. Workflow support is also designed to be as friction-free as possible with features like a virtual laser for fast and easy patient setup as well as flexible and secure access to data for preparation and reporting from other devices within the network.

Patient engagement with coaching screen

For treatments involving breath-hold techniques, LUNA 3D´s patient coaching screen helps engage and guide patients, facilitates precise dose delivery and patient cooperation.

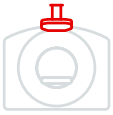
Ergonomic setup with large field of view

LUNA 3D supports ergonomic patient setup, minimizing contorted movements of therapists and enabling initial patient setup in a comfortable couch position.

GPU-powered calculations and multiple regions of interest

LUNA 3D utilizes high-resolution stereoscopic CMOS camera technology with GPU-powered calculations for high accuracy and low latency. Multiple regions of interest (ROIs) enables the focus on different surface regions during setup and treatment.

Configurations



1 camera pod system for patient motion recording during CT-SIM

3 camera pod system for reliable patient positioning and monitoring for treatment at C-arm LINACs with rotating gantry

4 camera pod system for reliable patient positioning and motion monitoring at bore-type LINACs

Contact us!

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