

SDX System – Landing Page for ASTRO Convention Booth (American Society for Radiation Technology)

Welcome to our ASTRO 2020 booth!

SDX® Respiratory Gating System | by DYN'R Medical Systems

Meet us... we're here!

SDX is the most effective and precise way to achieve reproducible positioning for breast, lung and other thoracoabdominal lesions. The only voluntary breath-hold system to pair direct lung volume measurement with clear bio-visual feedback, SDX gives providers real-time internal information for the highest accuracy during imaging and treatment.

Eliminate the potential for errors that exist with reliance on external markers, spare nearby organs and safely deliver increased dosages.

CHALLENGE: MOVING TUMORS

Extremely accurate targeting is critical. Adverse effects are still common due to difficulty in sparing surrounding tissue.

Though camera systems are easy to use, their main strength is patient positioning prior to treatment. But to what extent is the movement of the thorax a true reflection of what's happening internally?

SOLUTION: SDX SYSTEM

SDX Respiratory Gating System is a unique spirometry-based motion management and gating system. A solution for IMRT, ARC, SBRT and Proton Therapy, SDX is ergonomic, portable, affordable and easy-to-use for therapists and patients.

SDX instantly and significantly improves the accuracy, safety and quality of radiation therapy for breast, lung, liver or any tumor affected by respiratory motion.

- **VISUAL GUIDANCE**
 - increases patient DIBH confidence and technique mastery.
- **EASILY PORTABLE**
 - between treatment rooms & C.T.
- **PINPOINT ACCURACY**
 - sparing nearby organs and allows for increased dosages.
- **EASY DAILY CALIBRATION**
 - in under one minute.

SDX: Moving tumors have met their match.

Ergonomic design and portability, synchronization options and intuitive software, make SDX quick to install and integrate into any practice or clinic.

In worldwide use for over 20 years, SDX is trusted by more than 200 centers in 16 countries, including 11 proton centers. Developed by DYN'R Medical Systems, an industry leader in spirometry and respiratory measurement for over 30 years.

SDX is an affordable, extremely effective solution for thoracoabdominal lesions. Real-time internal information ensures millimetric precision while sparing critical structures and healthy tissue. SDX is excellent as a stand-alone solution for imaging and treatment, or as a complement to camera systems to increase accuracy.

- Easy-to-use, intuitive software
- Ergonomic and portable
- Facilitates DIBH technique

With SDX, patients remain in complete control of their breath throughout treatment. A dedicated patient screen guides patient breath holds with simple visualizations and familiar, calming imagery. Many patients also find their active involvement to be an important motivating factor in successfully completing treatment cycles.

- Fosters engagement and motivation
- Reduces anxiety about DIBH
- Raises confidence in treatment safety