

ForeSite® OR

Surgical Table Monitoring

ForeSite® OR is a continuous skin-monitoring system used by clinicians to improve patient positioning safety in the operating room and reduce the risk of pressure-related surgical complications.

Without monitoring, patients immobilized during prolonged surgical procedures can experience pressure injuries to skin and nerves. These injuries can cause serious complications requiring extended hospital stays. Proactive positioning and monitoring are the keys to prevention.



KEY BENEFITS

INTELLIGENT OR SURFACE

- An integrated sensing layer within a proprietary multi-layer construction redistributes peak pressures and provides support where pressures build up.
- Uses AI-powered algorithms that inform advanced prevention strategies to maintain healthy skin and prevent neuropathy.

POSITION PATIENTS WITH CONFIDENCE

- Individualize care throughout procedures using visual risk information.
- ForeSite OR's real-time pressure images guide clinicians in positioning to avoid elevated pressures that cause skin and nerve damage.

PERIOPERATIVE PATIENT SAFETY

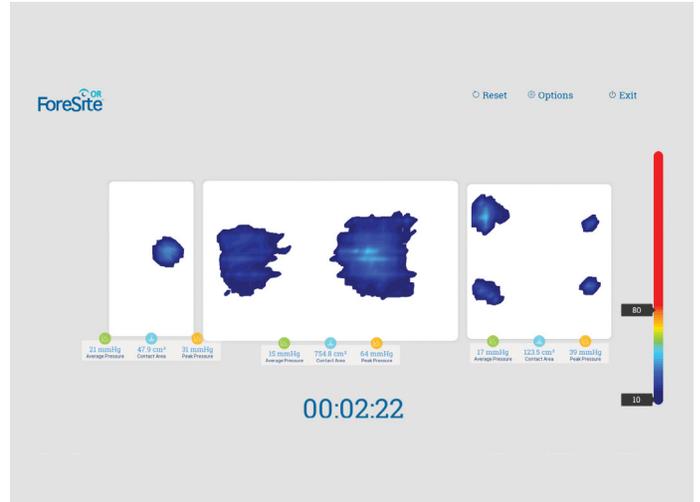
- Inform care beyond surgical procedures and post-operative care by identifying areas of concern using intelligent surface data.
- Improve wound management in acute care for continuous skin monitoring on hospital beds.

DATA-DRIVEN CLINICAL INSIGHTS

- Capture and store surface pressure data throughout procedures to support ongoing patient care.
- Analyze pressure trends to evaluate positioning effectiveness and improve protocols over time.
- Support clinical research and quality improvement initiatives with high-resolution, reliable data.



SPECIFICATIONS



SURGICAL TABLE CUSHIONS				
	SENSELS	SPATIAL RESOLUTION	SENSING AREA	CALIBRATION RANGE
LX100.17.31.02 (HEAD)	527	12.7 mm (0.5")	25.7 cm x 49.2 cm (10.1" x 19.4")	5-200 mmHg (0.1-3.9 psi)
LX100.29.31.02 (TORSO)	899		46 cm x 49.2 cm (18.1" x 19.4")	
LX100.31.61.02 (LEGS)	1,891		96.8 cm x 49.2 cm (38.1" x 19.4")	

OUR PLATFORM INTELLIGENT DYNAMIC SENSING

The platform behind our continuous skin-monitoring products, Intelligent Dynamic Sensing, enables precise measurements and delivers highly detailed visualizations and smart data with AI-powered analysis — resulting in optimized performance, comfort, and safety.



Maximum performance sensing



Real-time data measurement and highest-quality visualizations



AI-powered data analysis and optimization

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Demonstration

