



CAREER-EXTENDING INNOVATION

Stress associated with the performance of surgery due to physical requirements can impact more than just the clinician. It can affect efficiency, team performance and even outcomes.

“High risk neck postures are present for 65% of case duration,”¹ making forward head posture the highest risk factor for injury. This leads to chronic pain and even career-ending conditions.

NeKSpine™, an innovative, lightweight exoskeleton is designed to promote free range of motion while providing prophylactic spinal care. By reducing stress on the cervical, thoracic and lumbar spine regions, NeKSpine™ supports optimal ergonomics and posture during repetitive, oftentimes awkward positions associated with surgical and dental procedures.

ENHANCE YOUR WORK LIFE TODAY FOR A BETTER TOMORROW



¹ Meltzer, A.J., et al. “Measuring Ergonomic Risk in Operating Surgeons by Wearable Technology.” JAMA Surgery, vol. 155, no. 5, p. 444-446. 2020.



- Provides postural support and passively creates postural awareness
- Lightweight and non-obtrusive
- Integrates seamlessly into your workflow



The NeKSpine™ Advantage

NeKSpine™ utilizes a lightweight vest, tuned carbon fiber support beam and tethered head frame designed to offload the stress and prevent “overuse” of the cervical spine region.

- Provides support in the lumbar, thoracic and cervical regions
- Rigid head frame efficiently and ergonomically facilitates the transfer of load
- MR Compatible
- Customizable fit and tension setting



CMI Quasar Warm & Cool LED Head Lamps available



Lightweight & fully adjustable



Fits under radiation vests and surgical gowns

NeKSpine™ is intended for use by qualified healthcare providers who should independently evaluate its suitability taking into consideration the environment of use as well as their own physical limitations. NeKSpine™ and NKS™ are trademarks of Composite Manufacturing Inc. | US and foreign patents pending.