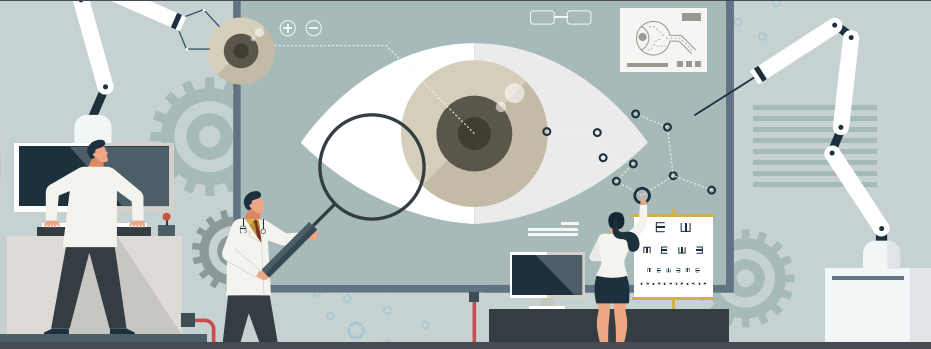


FOCUS ON VALUE



Improper ergonomics and long surgery days may lead to ophthalmologists experiencing high rates of musculoskeletal pain¹⁻³



17% report hand or wrist pain¹



52-80% report back or neck pain^{2,3}



15% report being limited in their work due to pain³

Limited adjustability of surgical equipment is a risk factor for musculoskeletal stress⁴

Equipment

Risk of Injury

Handpiece



Repetitive motion with a bent wrist can lead to hand and wrist pain, and carpal tunnel syndrome⁴

Foot Pedal



Angling the thighs toward the floor while sitting can place stress on the lower back⁴

Monitor



Tilting the head can place stress on the neck and shoulders⁴

VERITAS™ is the next-generation phacoemulsification system with a surgeon-centered ergonomic design and ease of use

The VERITAS™ Vision System delivers industry first swivel phaco handpiece that is ergonomically designed for surgeon comfort



The VERITAS™ Swivel Handpiece with up to 220° rotation for ease of maneuvering and surgeon comfort, **resulting in less fatigue^{5,6,*}**



Soft, flexible, light-weight Advanced Tubing System for **ease of handling** and **maneuverability^{7,*}**

4.7 out of 5



Overall surgeon rating of satisfaction for the VERITAS™ Swivel Handpiece^{8,†}

VERITAS™ ergonomic features enhance user experience



Foot pedal with 11° of total treadle travel and reduced switch actuation force[‡] for **comfortable phaco procedures^{5,9,*}**



19" touch monitor with 15° of tilt and 80° of side-to-side rotation for **ease of viewing⁷**



Metal foot loop for **ease of equipment repositioning⁷**



Enhanced user interface for **ease of access** to menus and case information⁵

*Human Factors Investigation was completed by 13 surgeons conducting two simulated cataract surgeries using the VERITAS™ Vision System. Results: 85% or 11/13 responded 'experience no hand fatigue after using swivel handpiece'; 100% or 13/13 responded 'swivel handpiece and advanced tubing allowed for comfortable phaco procedures'; 100% or 13/13 responded 'foot feels fresh (not fatigued) after using foot pedal'.
†The mean rating from two surgeons after completing 50 cataract surgeries using the VERITAS™ Vision System. A Likert scale of 1 to 5 was used (1–unsatisfied, 2–somewhat unsatisfied, 3–neither satisfied nor unsatisfied, 4–satisfied, and 5–very satisfied).
‡Results from right and left switch actuation force measured compared to competitor foot pedal metrics. The treadle angle was also reduced by more than 50% at rest and by 1° when fully pressed compared to the Advanced Linear Pedal (ALP).

Ergonomics has gained increasing recognition as an integral component of career longevity in ophthalmology¹⁰

Improved ergonomics may increase surgical volumes

Musculoskeletal pain from improper ergonomics can lead to reduced productivity



45%
of surgeons
experience
**hand pain while
operating**^{11,*†}



~43%
of surgeons
take breaks due
to pain during
surgery^{11,*†}



24% of
ophthalmologists
report chronic back
pain **reduces their
practice time**^{12,*‡}



35%
of injured
surgeons
**perform fewer
procedures**^{13,*§}

*Results from subjective questionnaires completed by surgeons and/or ophthalmologists with varying years of surgical experience; †n = 77; ‡n = 651; §n = 260.

Improvements in ergonomics can lead to improved surgeon well-being and provide an opportunity for facilities to serve more patients

Gained productivity for each operating room may result in:



2.5 more
surgeries **per week***



13% increase in
annual surgical volume*



125 more patients
served **per year***

*Assumes 1 hour of gained productivity per week for one operating room (OR), an average duration of patient cataract surgery is 24 minutes per OR,¹⁴ and a surgical volume of 1,000 surgeries/year per OR.

The VERITAS™ Vision System delivers surgeon-centered ergonomics for comfort and ease of use

References and Important Safety Information

REFERENCES:

1. Kitzmann AS, Fethke NB, Baratz KH, Zimmerman MB, Hackbarth DJ et al. (2012) A survey study of musculoskeletal disorders among eye care physicians compared with family medicine physicians. *Ophthalmology* 119 (2): 213-220. 2. Honavar SG (2017) Head up, heels down, posture perfect: Ergonomics for an ophthalmologist. *Indian J Ophthalmol* 65 (8): 647-650. 3. Dhimitri KC, McGwin G, Jr, McNeal SF, Lee P, Morse PA et al. (2005) Symptoms of musculoskeletal disorders in ophthalmologists. *Am J Ophthalmol* 139 (1):179-181. 4. Roach L (2009) Ergonomics, part two: Seven risk factors and seven solutions. Available at: <https://www.aao.org/eyenet/article/ergonomics-part-two-seven-risk-factors-seven-solut>. American Academy of Ophthalmology EyeNet® Magazine September 2009 45-46. 5. Johnson & Johnson Vision (2020) VERITAS™ Vision System Assessment. Summative study surgeon assessments REF2021OTH4054. 6. Johnson & Johnson Vision (2020) VERITAS™ Handpiece Mechanical Technical Report TR9045. 7. Johnson & Johnson Vision (2020) VERITAS™ Vision System operators manual. Z370584 Rev. D. REF2020OTH4894. 8. Johnson & Johnson Vision (2021) VERITAS™ Vision System: Clinical investigation of the next generation phaco system. DOF2021OTH4002. 9. Johnson & Johnson Vision (2020) VERITAS™ Vision System: Ergonomics of foot pedal REF2020OTH5124. 10. Betsch D, Gjerde H, Lewis D, Tresidder R, Gupta R (2020) Ergonomics in the operating room: it doesn't hurt to think about it, but it may hurt not to! *Can J Ophthalmol* 55(3S1): 17-21. 11. Soueid A, Oudit D, Thiagarajah S, Laitung G (2010) The pain of surgery: pain experienced by surgeons while operating. *Int J Surg* 8 (2): 118-120. 12. Venkatesh R, Kumar S (2017) Back pain in ophthalmology: National survey of Indian ophthalmologists. *Indian J Ophthalmol* 65 (8): 678-682. 13. Davis WT, Fletcher SA, Guillamondegui OD (2014) Musculoskeletal occupational injury among surgeons: effects for patients, providers, and institutions. *J Surg Res* 189 (2): 207-212 e206. 14. Roberts HW, Ni MZ, O'Brart DP (2017) Financial modelling of femtosecond laser-assisted cataract surgery within the National Health Service using a 'hub and spoke' model for the delivery of high-volume cataract surgery. *BMJ Open* 7 (3): e013616.

SEE PRODUCT INSTRUCTIONS FOR USE FOR ALL IMPORTANT SAFETY INFORMATION

Indications and Important Safety Information for the Veritas™ Vision System

Rx Only

Indications for Use: The VERITAS™ Vision System is a modular ophthalmic microsurgical system that facilitates anterior segment (i.e., cataract) ophthalmic surgery. The modular design allows the users to configure the system to meet their surgical requirements.

Important Safety Information: Risks and complications of cataract surgery may include corneal burn. This device is only to be used by a trained licensed physician.

Attention: Reference the labeling for a complete listing of Indications and Important Safety Information.