Ergonomics Facts for Microscope Users

TrueVision 3D Surgical
114 E Haley Street
Santa Barbara CA 93101
Phone 805-963-9700
Email: info@truevisionsys.com
www.truevisionsys.com
Using a microscope is bad for your health

- Age 50, 67% suffer injury, 71% by age 55
- Overall 80% will suffer some health problems
- Nearly 40% are back injuries

“It is an occupational hazard for ophthalmic surgeons to have neck and back problems. The number of ophthalmologists who have had neck surgery is significant.” Eric D. Donnenfeld, M.D., F.A.A.O., F.A.C.S. Ophthalmology Times – September 2008
Ergonomic Freedom with TrueVision

Prevents neck, shoulder, and back strain associated with looking into a microscope

- Comfortably position yourself and staff
- Freedom to move while operating
- Operate “heads up”

“Using TrueVision is a liberating experience.”  Mark Packer, MD, FACS

“The system [TrueVision] will have huge interest from my colleagues with cervical-spine problems. It will lengthen their career by a decade.”
Christopher D Riemann, MD, Ophthalmology Times – September 2008
Robert J. Weinstock, M.D.
The Eye Institute of West Florida, Largo, FL

“I am not constrained by the microscope. Being in a more natural and comfortable position keeps me from potential back injury which is ultimately better for the patient.”

- 3D HD visualization of the surgical field from an ergonomic “heads up” surgeon position.
- Personal experience of over 2000 cases operating directly from a 3D HD video display.
Reference

- ACES Ergonomic Survey, Jay McDonald, MD 1995 and 1996

- Imaging system takes OR microscope to the next level. Webb J, Ophthalmology Times 2008 Sep; 16.


