A new feature in the Health Professions Library is a video magnifier, the ClearView 300. This machine provides high magnification for readers with macular degeneration or other low vision conditions. It is easy to use. You simply place your reading material on the viewing table and see it projected onto a screen, magnified to a size that is right for you. Letters and pictures are very sharply defined on the screen. It has automatic focusing as well as the capability for selecting line-by-line viewing. The video magnifier is located on the computer kiosk in front of the Reference Desk. Please encourage its use by anyone with a low vision condition as well as by anyone who wants to magnify small print or pictures.

WE ENCOURAGE YOU TO REFER TO THE FOLLOWING JOURNALS ON A MONTHLY BASIS: Monthly Prescribing Reference, which has a regular section on eye medications, and Medical Malpractice Verdicts, Settlements and Experts, which contains a section on cases dealing with vision problems.

Two of our fine work/study students, Ricardo Mangione and Juan Carrillo, have selected the following articles from non-vision journals to help you keep abreast of developments in the optometric field.

In ACP Journal Club, January/February:
“Review: Photodynamic therapy for age-related macular degeneration,” p. 11.

In AJHP American Journal of Health-System Pharmacy, June 15, p. 1080:
“Two new ophthalmic solutions enter glaucoma market”

In Allergy and Asthma Proceedings, March/April, p. 81:
“Immunoglobulins in tears and sera in patients with atopic dermatitis”

In American Journal of Epidemiology, May 1, p. 875:
“Prospective study of cataract extraction and risk of coronary heart disease in women”

In American Journal of Hematology, July, p. 163:
“Value of duplex and color Doppler ultrasonography in the evaluation of orbital vascular flow and resistance in sickle cell disease”
In *Annals of Allergy, Asthma & Immunology*, June, p. 641:
“Olopatadine ophthalmic solution adjunctive to loratadine compared with loratadine alone in patients with active seasonal allergic conjunctivitis symptoms”

In *Brain, a Journal of Neurology*, June, p. 1228:
“Pattern electroretinograms after cerebral hemispherectomy”

In *Cell*, April 6:
“Reinventing a common strategy for patterning the eye,” p. 9.
“Pax6 is required for multipotent state of retinal progenitor cells,” p. 43.

In *Cephalalgia, an International Journal of Headache*, March:
“Ophthalmoplegic migraine: a recurrent demyelinating neuropathy?” p. 84.
“SUNCT syndrome or trigeminal neuralgia with lacrimation and conjunctival injection?” p. 151.

In *Clinical Neurophysiology*, June, p. 965:
“Parkinson’s disease changes the balance of onset and offset visual responses: an evoked potential study”

In *Cosmetics & Toiletries*, June:
“Pigmentation, swelling and wrinkling in the eye area,” p. 41.

In *Developmental Dynamics*, June, p. 146:
“Becoming glial in the neural retina”

In *Journal of Clinical Pathology*, June, p. 417:
“ACP best practice no 164. Necropsy techniques in ophthalmic pathology”

In *Journal of Neuroscience*, June 15:
“p27\(^{kip1}\) and p57\(^{kip2}\) regulate proliferation in distinct retinal progenitor cell populations,” p. 4259.
“Oriented axon projections in primary visual cortex of the monkey,” p. 4416.
“Hierarchical processing of horizontal disparity information in the visual forebrain of behaving owls,” p. 4514.
In *Journal of Neuroscience*, July 1:
“Caspase-activated Dnase/DNA fragmentation factor 40 mediates apoptotic DNA fragmentation in transient cerebral ischemia and in neuronal cultures,” p. 4678.

In *Journal of Rheumatology*, June, p. 1218:
“Rheumatologists’ attitudes toward routine screening for hydroxychloroquine retinopathy”

In *Mayo Clinic Proceedings*, June, p. 593:
“Incidence of physician-diagnoses primary Sjögren Syndrome in residents of Olmsted County, Minnesota”

In *Nature Neuroscience*, May:
“Learning to see: experience and attention in primary visual cortex,” p. 519.
“Speed skills: measuring the visual speed analyzing properties of primate MT neurons,” p. 526.

In *Nature Neuroscience*, June:
“Characterization of an ocular photopigment capable of driving papillary constriction in mice,” p. 621.
“The superior colliculus encodes gaze commands in retinal coordinates,” p. 627.
“Neural correlates of change detection and change blindness,” p. 645.
“The dissociation of color from form and function knowledge,” p. 662.

In *Neuron*, April:
“Extrasynaptic release of dopamine in a retinal neuron: activity dependence and transmitter modulation,” p. 211
“Prediction of orientation selectivity from receptive field architecture in simple cells of cat visual cortex,” p. 263.
“Sleep enhances plasticity in the developing visual cortex,” p. 275.

In *Pediatric Neurology*, March, p. 232:
“Ocular dominance in anterior visual cortex in a child demonstrated by the use of fMRI”
In Perception & Psychophysics, February:
“What are the units of visual short-term memory, objects or spatial locations?” p. 253.
“How to produce an absent-advantage in visual search,” p. 258.

SPECIAL ISSUES OF VISION JOURNALS:

In Current Opinion in Ophthalmology, June 2001:
“Retina and vitreous disorders.” Selected review articles are:
“Manifestations of the shaken baby syndrome;
Laser therapy for retinopathy of prematurity;
Cataract surgery in diabetes;
Viral causes of the acute retinal necrosis syndrome;
Photodynamic therapy update;
Natural history of choroidal neovascularization in high myopia;
Ocular paintball injuries.”

In International Ophthalmology Clinics, Spring 2001:
“Presbyopia.” Selected review articles are:
“Aging of the human crystalline lens and presbyopia;
Mechanism of accommodation;
The psyche of presbyopia;
The correction of presbyopia;
Bifocal contact lenses in presbyopia;
Monovision achieved with excimer laser refractive surgery;
Correction of presbyopia with the excimer laser;
Clear lens extraction with multifocal lens implantation;
The surgical reversal of presbyopia: A new procedure to restore accommodation;
Anterior ciliary sclerotomy with silicone expansion plug implantation:
Effect on presbyopia and intraocular pressure.”
RECENT AUDIO-DIGEST OPHTHALMOLOGY TITLES:

Volume 39 (10), May 21:
“Optic nerve topics:
   Anterior ischemic optic neuropathy;
   Leber’s hereditary optic neuropathy;
   Neuroretinitis and other atypical optic neuropathies.”

Volume 39 (11), June 7:
“Issues in neuro-ophthalmology:
   Eviseration and enucleation;
   Blepharospasm;
   Managing Graves’-related optic neuropathy.”

Please publicize this newsletter to your students. Like the alphabetical and subject lists of our journals, Optometric Library Highlights can also be accessed from our library homepage local lists and publications section, and print copies are available on the counter to the right of the circulation desk.

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