Electronic publishing is becoming more of a reality each day as publishers offer their journals online as well as in print format. In addition, many journals which were previously available only through subscription are now available electronically at no charge. Check the electronic journal list on our website at <http://www.nova.edu/cwis/hpdlibrary> and click on Electronic Journals. We are constantly updating this list and making full text journals available through our online library catalog (NovaCat) as well as through our databases, including OVID and EBSCOmed/RX-WEB. Currently there are over 600 titles available in this list.

WE REMIND 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.

Our wonderful volunteer, Rita Rottersman, has selected the following articles from non-vision journals to help you keep abreast of developments in the optometric field.

In American Journal of Anesthesiology, January/February, p. 35:
“A comparison of oral transmucosal fentanyl citrate, and intravenous fentanyl citrate for perioperative sedation/analgesia for cataract surgery”

In American Journal of Human Genetics, February:
“A spectrum of FOXC1 mutations suggests gene dosage as a mechanism for developmental defects of the anterior chamber of the eye,” p. 364.

In American Journal of Human Genetics, March, p. 778:
“A new locus for autosomal dominant familial exudative vitreoretinopathy maps to chromosome 11p12-13”

In American Journal of Surgical Pathology, February, p. 212:
“Bilateral diffuse uveal melanocytic proliferation associated with extraocular cancers: review of a process particularly associated with gynecologic cancers”

In American Surgeon, February, p. 196:
“Monet’s cataract surgery”

In BioDrugs, March, p. 25:
“Potential new therapeutic options in Behçet’s syndrome”

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In BJA International Journal of Anaesthesia, February, p. 203:
“Psychomotor recovery in very old patients after total intravenous or balanced anaesthesia for cataract surgery”

In BJR, January, p. 24:
“MRI and clinical differences between optic pathway tumours in children with and without neurofibromatosis”

In Brain, February, p. 413:
“Adaptive changes of saccadic eye-head coordination resulting from altered head posture in torticollis spasmodicus”

In Cephalalgia, An International Journal of Headache, November, p. 804:
“Visual, long-latency auditory and brainstem auditory evoked potentials in migraine: relation to pattern size, stimulus intensity, sound and light discomfort thresholds and pre-attack state”

In Cleveland Clinic Journal of Medicine, February, p. 97:
“What is the risk of complications from cataract surgery in patients taking anticoagulants?”

In Clinical Neurophysiology, February:
“Impaired visual function in glaucoma,” p. 344.

In Current Opinion in Neurology, February, p. 5:
“Ocular motor disorders”

In Diabetes, February, p. 444:
“Cyclic stretch and hypertension induce retinal expression of vascular endothelial growth factor and vascular endothelial growth factor receptor-2: potential mechanisms for exacerbation of diabetic retinopathy by hypertension”

In Diabetes Care, March:
“Screening for diabetic retinopathy,” p. 419.
“Corneal advanced glycation end products increase in patients with proliferative diabetic retinopathy,” p. 479.
"Prevalence and significance of retinopathy in subjects with type 1 diabetes of less than 5 years' duration screened for the Diabetes Control and Complications Trial," p. 522.

In Diabetes/Metabolism, January-February:
"Cataract development in diabetic sand rats treated with α-lipoic acid and its γ-linolenic acid conjugate," p. 44.

In Drugs, Vol. 61, No. 2, p. 175:
"Comparative review of topical ophthalmic antibacterial preparations"

In European Journal of Immunology, February, p. 563:
"Identification of human antitumor cytotoxic T lymphocytes epitopes of recoverin, a cancer-associated retinopathy antigen, possibly related with a better prognosis in a paraneoplastic syndrome"

In Journal of Clinical Epidemiology, February, p. 166:
"Risk factors for open-angle glaucoma: a case–control study"

In Journal of Clinical Oncology, March 1, p. 1570:
"Unusual sites of malignancy. Case 2: Orbital lymphoma"

In Journal of Neurology, Neurosurgery & Psychiatry, March, p. 382:
"Scleroderma 'en coup de sabre': pathological evidence of intracerebral inflammation"

In Journal of Neurophysiology, February:
Vertical divergence and counterroll eye movements evoked by whole-body position steps about the roll axis of the head in humans," p. 671.
"Binocular contributions to optic flow processing in the fly visual system," p. 724.
"Interaction of the frontal eye field and superior colliculus for saccade generation," p. 804.

In Journal of Neurophysiology, March:
"Visual influences on the development and recovery of the vestibuloocular reflex in the chicken," p. 1119.
“Spontaneous and stimulus-evoked intrinsic optical signals in primary auditory cortex of the cat,” p. 1283.

In Journal of Neuroscience, February 15:
“Basic helix-loop-helix gene hesr2 promotes gliogenesis in mouse retina,” p. 1265.
“BMP4 mediates apoptotic cell death in the developing chick eye,” p. 1292.

In Journal of Neuroscience, March 1:
“Endogenous serotonin contributes to a developmental decrease in long-term potentiation in the rat visual cortex,” p. 1532.
“Chronic NMDA receptor blockade from birth increases the sprouting capacity of ipsilateral retinocollicular axons without disrupting their early segregation,” p. 1557.
“Specific roles of NMDA and AMPA receptors in direction-selective and spatial phase-selective responses in visual cortex,” p. 1710.

In Journal of Pediatrics, March, p. 441:
“Ophthalmic drops causing coma in an infant”

In Journal of Pharmaceutical and Biomedical Analysis, February, p. 667:
“Determination of assay and impurities of gamma irradiated chloramphenicol in eye ointment”

In Laboratory Investigation, January, p. 95:
“Fas-induced apoptosis is a rare event in Sjögren’s Syndrome”

In Lancet, March 3, p. 688:
“Defective cellular trafficking of lacrimal gland aquaporin-5 in Sjögren’s syndrome”

In Molecular & Cellular Biology, March, p. 2154:
“Interaction with protein phosphatase 1 is essential for bifocal function during the morphogenesis of the Drosophilia compound eye”

In Nature Neuroscience, February:
“Cyclic AMP-dependent protein kinase mediates ocular dominance shifts in cat visual cortex,” p. 159.
“Computation of directional selectivity in the retina occurs presynaptic to the ganglion cell,” p. 176.
“Optic flow is used to control human walking,” p. 213.

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In Neurosurgery, February, p. 328:  
"Effect of carotid endarterectomy on chronic ocular ischemic syndrome due to internal carotid artery stenosis"

In Pediatric Neurology, January, p. 44:  
"Visual-evoked potentials in the assessment of optic gliomas"

In Proceedings of the National Academy of Sciences, February 13:  
"Inhibition of the visual cycled in vivo by 13-cis retinoic acid protects from light damage and provides a mechanism for night blindness in isotretinoin therapy," p. 1835.  
"Local and global attention are mapped retinotopically in human occipital cortex," p. 2077.  
"Sleep modifies retinal ganglion cell responses in the normal rat," p. 2083.

In Proceedings of the National Academy of Sciences, February 27:  
"Spontaneous retinopathy in HLA-A29 transgenic mice," p. 2572.  
"Coinciding early activation of the human primary visual cortex and anteromedial cuneus," p. 2776.

In Southern Medical Journal, January, p. 22:  
"Information about age-related macular degeneration on the internet"

In Trends in Neurosciences, February, p. 113:  
"Changes in visual perception at the time of saccades"

SPECIAL ISSUES OF VISION JOURNALS:

In Focal Points, March:  
"Atopic and vernal keratoconjunctivitis," Section 1.  
"Congenital ptosis," Section 2.  
"Ocular anesthesia," Section 3.
In *Progress in Retinal and Eye Research*, Volume 20 (2), March:

"Development of retinal ganglion cell structure and function;
Oxygen distribution and consumption within the retina in vascularised
and avascular retinas and in animal models of retinal disease;
Endothelium-dependent vasoactive modulation in the ophthalmic
circulation;
Risk factors for age-related macular degeneration."

**RECENT AUDIO-DIGEST OPHTHALMOLOGY TITLES:**

**Volume 39 (4), February 21:**

"Advances in cataract and refractive surgery:
Retinal complications of refractive surgery;
Cataract surgery plus;
Refractive surgery - the cutting edge;
Avoiding and handling complications of cataract surgery."

**Volume 39 (5), March 7:**

"Retinal and orbital tumors:
Tumors of the pigment epithelium;
Tumors of the sensory retina;
Orbital tumors of childhood;
Orbital tumors of adulthood;
Case presentation."

**RECENT Video Journal of Ophthalmology RECEIPT:** (These videotapes are kept on reserve behind the circulation desk.)

**Volume 16 (3), 2000:**

"Phacoemulsification: ten tips for a successful conversion to topical anesthesia;
Incorporation of the ‘Phaco Flip’ technique: six strategies;
A technique for manual flap lifting in LASIK retreatment;
A demonstration of two staining agents to facilitate visualization in white cataracts;
Prototype Toric IOL with laser-adjusted power in vivo;
How ultrasound power modulations impact visual recovery;
Refractive surgery: ten fundamental steps to building a practice;
ASCRS Award-winning film: Tips and tricks I have learned in the past year,
by Luther L. Fry, MD."

more . . .
SPECIAL NOTE: Here's a website that may interest you, as it contains a wealth of computer vision (CV) resources. The site is maintained by Bob Fisher, Lecturer in the Division of Informatics at the University of Edinburgh. CV Online [www.dai.ed.ac.uk/CVonline/] is intended for academic staff in the field of computer vision and provides a wealth of links to papers, bibliographies, research pages, databases, and commercial sites dealing with various topics in CV. Subjects include databases and indexing, geometry and mathematics, motion tracking and time series analysis, and visual learning. Entries include links to research pages, topical summaries, and tutorials submitted to CV Online by experts. Submissions are welcomed, and instructions are provided.

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