The cover illustration shows a prolene thread inserted into Schlemm’s canal as reported by Grieshaber et al. in this issue of Acta.

**Review article**

Klemp et al. in Copenhagen describe exudative retinal detachment, cataract formation and melanocytic tumours as the characteristic ocular findings in uveal melanocytic proliferation.

Campos et al. in Portugal consider the role of the choroid in diabetic macular oedema and how OCT studies of the choroid advance this field of research.

**Retina**

Jørstad et al. in Oslo found positive results with aflibercept in AMD eyes which were resistant to ranibizumab and bevacizumab injections. Many eyes required more than bimonthly aflibercept injections.

Vujosevic et al. in Italy emphasize inflammatory biomarkers in diabetic macular oedema such as hyperreflective retinal spots, subfoveal neuroretinal detachment and increased foveal autofluorescence. These biomarkers improved with dexamethasone treatment.

Subhi and Lykke Sørensen in Denmark correlated systemic leucocyte activity with onset and size of neovascular lesions in AMD. They suggest that inflammation plays a role in the pathophysiology.

Sauer et al. in Germany used fluorescence lifetime imaging to map pigment distribution and evaluate its role in macular hole formation.

Hamoudi et al. in Denmark found no difference in corneal endothelial density between combined and separated phacoemulsification and vitrectomy for epiretinal membrane.

**Cornea**

Makdoumi et al. in Sweden and the USA used blue light and riboflavin to kill resistant staphylococci and suggest this approach may work in corneal infections.

Margulis et al. in the Netherlands, Spain and Denmark examined use of nonsteroidal anti-inflammatory eye drops. These were used with cataract surgery and for allergic conjunctivitis.

**Myopia**

Pärrssinen and Kauppinen in Finland found astigmatism to increase with myopia. Corneal astigmatism predominates.

**Glaucoma**

Grieshaber et al. in South Africa and Switzerland recommend the Stegmann Schlemm’s canal expander to lower intraocular pressure in patients with moderate to advanced open angle glaucoma.

Quérat and Chen in Sweden recommend ICARE® self-tonometry. Day-to-day variations are seen in most patients.

Mrowicka et al. in Poland propose that insufficient antioxidant capacity may play a role in age related macular degeneration. This hypothesis is based on study of enzymes and genes related to antioxidant activity.

**Anterior segment OCT**

Pilat et al. in UK used hand-held OCT to image anterior segment dysgenesis in children.

**Dry eye**

Lanza et al. in Italy used light backscattering with in vivo corneal confocal microscopy to evaluate changes in corneal layers in patients with Sjögren syndrome and dry eyes.

**Cataract**

Shimada et al. in Japan found reduced anterior chamber bacterial contamination with either 0.025% povidone-iodine or 0.0025% polyvinyl alcohol iodine irrigation of ocular surface.

**Retina**

Peiretti et al. in Italy, the Netherlands, Saudi Arabia and the USA examined retinal folds following retinal detachment repair. This was not influenced by use of heavy liquids in surgery or postoperative positioning.

Chan et al. in Hong Kong, Singapore and UK seek ways to measure and...
control emulsification of intraocular silicone oil.

Kang et al. in Korea measured greater choroidal thickness in eyes with vitreoretinal traction. This was reversed following epiretinal membrane surgery and release of the traction.

**Myopia**

Jonas et al. in India and Germany found myopic retinopathy to be rare in rural India. It was associated with open angle glaucoma.

**Uveitis**

Carreño et al. in Spain, USA and UK measured several inflammatory cytokines in tear fluid in uveitis patients.

**Low vision**

Bray et al. in UK suggest that portable electronic vision enhancement systems are cost-effective to improve near vision. However, it may not provide cost-effective improvement in quality of life.

**Letters to the editor**

Babeau et al. in France comment on an article on using adaptive optics for screening chloroquine retinopathy.

Parrovano et al. in Italy used OCT angiography to monitor reduction in neovascular lesions.

Van Asten et al. in the Netherlands found positive outcomes with aflibercept in AMD patients unresponsive to bevacizumab.

Lytvynchuk in Ukraine surgically removed a retinal branch artery embolus.

Dimopoulos et al. in Germany used autologous thrombocyte serum for macular hole surgery.

Grewal et al. in USA used intraoperative OCT to guide placement of Argus II retinal prosthesis.

Huynh et al. in the USA found no benefit from dilated fundus examination in patients with spontaneous subconjunctival haemorrhage.

Qu-Knafo et al. in France suggest that eyes with DME and serous retinal detachment may show greater improvement with ranibizumab than eyes without serous detachment.

I hope you are enjoying a pleasant summer and Acta fits into your summer reading schedule.

_Einar Stefánsson_