

THE JOHN COLVIN SATURDAY MORNING OPHTHALMOLOGY LECTURES 2012

The Royal Victorian Eye and Ear Hospital, 32 Gisborne Street, East Melbourne.

Lucy Jones Hall – entrance via Albert Street East Melbourne

SUMMARY OF LECTURES			
DATE	TIME	EVENT / TOPIC	PRESENTER
Basic Science			
3 RD MARCH	09:00 – 10:00	Introduction	Dr. Ehud Zamir
	10:00 – 11:00	Clinical optics:	Dr. David Van Der Straaten
System-based ophthalmology lecture series			
10 TH MARCH	09:00 – 10:00	Anterior segment anatomy and physiology:	Prof. Paul McMenamin
	10:00 – 12:00	Anterior segment diseases:	Dr. Mark Daniell
17 TH MARCH	09:00 – 11:00	Posterior segment and orbital anatomy and physiology	Prof. Paul McMenamin
	11:00 - 12:00	Orbital and eyelid diseases	Dr. Alan McNab
24 TH MARCH	09:00 – 11:00	Glaucoma	Prof. Jonathan Crowston
	11:00 – 12:20	Cataract	Dr. Jonathan Ruddle
31 ST MARCH	09:00 – 10:00	Medical retinal vascular diseases	Dr. Sanj Wickramasingh
	10:00 – 11:00	Intraocular inflammation	Dr. Lyndell Lim
7 TH APRIL	EASTER SATURDAY – No lectures		
14 TH APRIL	No lectures		
21 ST APRIL	09:00 – 10:00	Neuro-ophthalmology	Dr. Justin O'Day
	10:00 – 11:00	Paediatric ophthalmology	Dr. James Elder
	11:15 – 12:15	Surgical retinal diseases	Dr. Yeoh
Problem-oriented (case-based) interactive lecture series			
28 TH APRIL	09:00 – 10:00	Acute visual loss	Dr. Justin O'Day
	10:00 – 11:00	Acute red eye	Dr. Fiona Fullarton
5 TH MAY	09:00 – 11:00	Acute neuro-ophthalmic presentation 1. Acute diplopia and EOM disorders presented on a symptom base: 2. Acute neurological periocular pain: Intracranial aneurysms, haemorrhages and other aetiologies	Dr. Justin O'Day
	11:15 – 12:15	History taking in diagnosing eye emergencies	Dr, Ehud Zamir
12 TH MAY	09:00 – 10:00	Ocular trauma	Dr. David Van Der Straaten
	10:00 – 12:00	Technical skill acquisition	Chief Ophthalmology Resident Dr. Xavier Fagan
19 TH MAY	09:00 – 10:00	Ophthalmic examination in the complex patient	Dr. Anthony Hall
	10:00 - 11:00	Ophthalmic pharmacology	Lachlan Shaw & Bev Lamb

DATE	TIME	EVENT / TOPIC	PRESENTER
3 RD MARCH	09:00 – 10:00	Basic science Introduction and basic anatomy and physiology of the eye and orbit: refresher	Dr. Ehud Zamir
	10:00 – 11:00	Clinical optics: <ul style="list-style-type: none"> ▶ Lenses and refraction ▶ The eye as a lens system ▶ Accommodation ▶ Common refractive errors (myopia, hyperopia, astigmatism): their clinical significance and their optical correction (glasses, contact lenses and surgery) ▶ Aphakia and pseudophakia 	Dr. David Van Der Straaten
		System-based ophthalmology lecture series	
10 TH MARCH	09:00 – 09:45	Anterior segment anatomy and physiology:	Prof. Paul McMenamin
	09:45 – 10:00 10:00 – 12:00	Break Anterior segment diseases: <ul style="list-style-type: none"> ▶ Conjunctiva and corneal diseases: ▶ Acute conjunctivitis: viral, bacterial ▶ Dry eye syndrome ▶ Chronic blepharitis ▶ Keratitis: Microbial, viral ▶ Ocular surface foreign bodies: identification and removal ▶ Chemical injuries ▶ Photoc keratitis (welder's flash) ▶ Pterygium ▶ Corneal oedema ▶ Corneal surgery: transplantation, refractive surgery Contact lens-related problems 	Dr. Mark Daniell
17 TH MARCH	09:00 – 10:00	Posterior segment and orbital anatomy and physiology	Prof. Paul McMenamin
	11:00 – 12:00	Orbital and eyelid diseases <ul style="list-style-type: none"> ▶ Orbital and periorbital cellulitis, aetiologies and microbiology, clinical features and treatment. ▶ Thyroid eye disease: Epidemiology, clinical features, assessment of severity, significance for vision. Treatment principles. ▶ Lid and orbital trauma: Lid lacerations and their treatment principles, orbital fractures. 	Dr. Alan McNab
24 TH MARCH	09:00 – 10:40	Glaucoma: Definition and epidemiology, acute angle closure glaucoma, chronic open angle glaucoma, major secondary glaucomas (medication-related, neovascular). Clinical features of each type, prevention of glaucoma, medical, laser and surgical therapy for glaucoma.	Prof. Jonathan Crowston
	10:40 – 11:00 11:00 – 12:20	Break Cataract Aetiologies (Age, ocular conditions, genetic and systemic diseases, environmental influences and trauma), clinical features, treatment and future horizons	Dr. Jonathan Ruddle

DATE	TIME	EVENT / TOPIC	PRESENTER
31 ST MARCH	09:00 – 10:00	Medical retinal vascular diseases <ul style="list-style-type: none"> ▶ Diabetic retinopathy: Epidemiology, clinical features, treatment strategies, early detection and screening. Retinal vascular occlusions: systemic and ocular associations, clinical features, treatment. Macular degeneration: Epidemiology, clinical features	Dr. Sanj Wickramasingh
	10:00 – 11:00	Intraocular inflammation Basic concepts in ocular immunity (Ocular immune privilege), acute and chronic uveitis: clinical features, systemic significance, complications and treatment regimes.	Dr. Richard Stawell
7 TH APRIL		EASTER SATURDAY – No lectures	
14 TH APRIL		No lectures	
21 ST APRIL	09:00 – 10:00	Neuro-ophthalmology Common optic nerve diseases: optic neuritis, ischaemic optic neuropathy and giant cell arteritis. Clinical features and systemic associations, diagnosis and treatment. Common cranial neuropathies: Acute 3rd, 4th, 6th nerve palsies, clinical features, systemic significance, when is urgent work up necessary. Neurological visual field loss.	Dr. Justin O'Day
	10:00 – 11:00	Paediatric ophthalmology Visual development, amblyopia, common types of strabismus (infantile and accommodative esotropia): importance and treatment. Paediatric cataracts, glaucoma. Congenital nasolacrimal duct obstruction. Retinoblastoma. Non-accidental injuries.	Dr. James Elder
	11:00 – 11:15	Break	
	11:15 – 12:15	Surgical retinal diseases Vitreous detachment, retinal tears and detachments, macular holes and epiretinal membranes: Clinical features, treatment.	Dr. Yeoh
		Problem-oriented (case-based) interactive lecture series	
28 TH APRIL	09:00 – 10:00	Acute visual loss Acute retinal arterial occlusion, acute optic neuropathies (ischaemic, inflammatory), acute macular degeneration lesions, acute media opacity (keratitis, acute glaucoma, uveitis), retinal detachment, acute neurological field loss. Systematic approach to assessment of visual loss: The correct use of pupillary examination, pinhole vision, visual field testing.	Dr. Justin O'Day
	10:00 – 11:00	Acute red eye Slide review of conjunctivitis, subconjunctival haemorrhage, keratitis, uveitis and other red eyes	Dr. Fiona Fullarton
5 TH MAY	09:00 – 11:00	Acute neuro-ophthalmic presentation 1. Acute diplopia and EOM disorders presented on a symptom base: <ul style="list-style-type: none"> ▶ Diplopia: general (monocular, binocular), nature of symptoms (comitance and near/distance changes) ▶ Horizontal diplopia ▶ Vertical/oblique diplopia 2. Acute neurological periocular pain: Intracranial aneurysms, haemorrhages and other aetiologies	Dr. Justin O'Day
	11:00 – 11:15	Break	
	11:15 – 12:15	History taking in diagnosing eye emergencies How to make sense of eye emergencies over the phone <ul style="list-style-type: none"> ▶ Important ocular symptoms and their significance: 	Dr. Ehud Zamir

DATE	TIME	EVENT / TOPIC	PRESENTER
	10:10-11:00	<p>Ophthalmic pharmacology</p> <p>1. The drugs we use: Indications and contraindications, systemic toxicity:</p> <ul style="list-style-type: none"> ▶ Topical antibiotics ▶ topical steroids ▶ common glaucoma drops ▶ pupil dilating drugs <p>2. Ocular complications of systemic drugs:</p> <ul style="list-style-type: none"> ▶ Steroids ▶ Anti-psychotics ▶ Amiodarone ▶ Bisphosphonates ▶ Anti-coagulants ▶ Illicit drugs: IV drug abuse, cocaine abuse 	<p>Lachlan Shaw</p> <p>Bev Lamb</p>