



## DR JASON CS YAM

*Associate Professor*

MB BS (HK), MPH (HK), FRCSEd, FCOphth HK, FHKAM (Ophthalmology)

### Academic Appointments

- Associate Professor, Department of Ophthalmology and Visual Sciences, The Chinese University of Hong Kong
- Head, Undergraduate Division, Department of Ophthalmology and Visual Sciences, The Chinese University of Hong Kong
- Head, Paediatric Ophthalmology and Strabismus Service, Hong Kong Eye Hospital
- Honorary Associate Consultant in Hong Kong Eye Hospital
- Head, Ophthalmology Service, Hong Kong Children's Hospital
- Honorary Associate Consultant in hospitals under the New Territories East Cluster
- Director, CUHK Jockey Club Myopia Prevention Programme
- Secretary, Hong Kong Ophthalmological Society (HKOS)
- Council Member, College of Ophthalmologist of Hong Kong (COHK)
- Secretary-General, Asia-Pacific Strabismus and Pediatric Ophthalmology Society (APSPPOS)
- Council Member, Asia-Pacific Myopia Society (APMS)
- Society Representative (APSPPOS), International Council of Ophthalmology (ICO)

- Society Relations & Leadership Development Committee, International Council of Ophthalmology (ICO)
- Secretary of Public Education Standing Committee, Asia Pacific Academy of Ophthalmology (APAO)
- Council Member (Hong Kong) & Training and Education Committee Chair, International Pediatric Ophthalmology and Strabismus Council (IPOSC)
- International Programme Committee, American Association for Paediatric Ophthalmology and Strabismus (AAPOS)
- Council Member, Ophthalmology Group, Chinese Pediatric Society

## Biography

Dr. Jason CS YAM is Associate Professor & Undergraduate Division Head at Department of Ophthalmology and Visual Sciences of CUHK, Head of Pediatric Ophthalmology and Strabismus service at Hong Kong Eye Hospital, and Head of Ophthalmology Service at Hong Kong Children's Hospital. He is also Director of CUHK Jockey Club Myopia Prevention Programme. Dr. Jason CS YAM graduated as Bachelor of Medicine and Bachelor of Surgery from the University of Hong Kong in 2005. He received overseas training on Pediatric Ophthalmology and Strabismus in Great Ormond Street Hospital (2011); with Dr. David GUYTON of Johns Hopkins Hospital (2011); and with Dr. Kenneth WRIGHT in Los Angeles (2012); ocular genetics with Dr. Janey WIGGS of Harvard Medical School (2016); with Dr. Alex LEVIN of Wills Eye Hospital (2017); and Baylor College of Medicine at Texas Children Hospital (2017); ocular oncology and retinoblastoma with Dr. Jerry SHIELDS and Dr. Carol SHIELDS of Wills Eye Hospital (2017).

He serves as the Secretary-General of Asia-Pacific Strabismus and Paediatric Ophthalmology Society (APSPOS), Training and Education Committee Chair of International Paediatric Ophthalmology and Strabismus Council (IPOSC), Council Member of Asia-Pacific Myopia Society (APMS), Society Relations & Leadership Development Committee of International Council of Ophthalmology (ICO), Public Education Standing Committee Secretary, and Ophthalmic Education Standing Committee of Asia Pacific Academy of Ophthalmology (APAO), International Programme Committee of American Association for Paediatric Ophthalmology and Strabismus (AAPOS), and many other international academic positions. Nationally, he serves as the Council Member of Ophthalmology Group of Chinese Paediatric Society. Locally, he serves as Vice President of Hong Kong Ophthalmological Society (HKOS), and Council Member of College of Ophthalmologists of Hong Kong (COHK). He served as the Congress President of the Inaugural Asia-Pacific Strabismus and Paediatric Ophthalmology Society Congress 2017.

He had more than 90 publications and authored 6 book chapters; and co-authored 1 book; He is the principal investigator of research grants and external funding of 100 million HKD. He is PI of Low-concentration Atropine for Myopia Progression (LAMP) study, the first placebo-controlled RCT of 438 subjects to provide evidence for 0.05% atropine on myopia control, which confers clinical impact to millions of children worldwide. He is also PI of Hong Kong Children Eye Study, an epidemiological cohort of 30,000 children and their parents for detailed phenotypic and genotypic characterization. He has chaired 20 symposia, and has delivered 1 award lecture, 8 keynote lectures, 70 invited lectures, 50 conference papers. He also serves as an editor in 8 international journals including Scientific Reports, Medicine, BMC Ophthalmology, and Asia Pacific Journal of Ophthalmology etc.

In 2019, he received the prestigious Asia Pacific Academy of Ophthalmology Nakajima Award for being the most outstanding young ophthalmologist under aged 40 in Asia-Pacific. To recognize his global contributions on children eye care, he was named One of the Ten Outstanding Young Persons in Hong Kong in 2019, and was bestowed Hong Kong Humanity Award 2021. His other awards include Distinguished Young Fellow in Hong Kong Academy of Medicine (2013), Asia Pacific Academy of Ophthalmology Leadership Development Program Award (2015), Asia Pacific Academy of Ophthalmology Distinguished Service Award (2016), Asia Pacific Academy of Ophthalmology Achievement Award (2016), and Hospital Authority Corporate Scholarship (2016), inaugural Asia-Pacific Strabismus and Paediatric Ophthalmology Society Young Investigator Award (2017), Asia Pacific Academy of Ophthalmology Outstanding Service in Prevention of Blindness (2019), Gold Medal for Best Original Research by Young Fellows in Hong Kong Academy of Medicine (2019), and Hospital Authority Kowloon Central Cluster Outstanding Team Award (as team leader) (2020), Asia Pacific Academy of Ophthalmology Senior Achievement Award (2021), Hong Kong Youth Dream-maker Award 2021, and Hong Kong Volunteer Award 2021 (Group Award as team leader).

## Research Areas

1. Children Eye Studies: territory-based epidemiology, etiology, prevention, intervention, and molecular genetics of children eye diseases.
2. Myopia: epidemiology, risk factors, genomic investigations, gene mapping and interventions in prevention of progression.
3. Retinoblastoma: etiology and novel treatment modes.
4. Intermittent exotropia: the clinical course, new methods in evaluation of the control, effective surgical approaches, surgical advancements, and prognostic factors of the surgical outcomes

5. Genetic eye diseases: phenotypic characterization, family linkage, genomic investigations, and gene mapping of early onset glaucoma, congenital glaucoma, congenital cataracts, inherited retinal diseases, inherited corneal diseases and dysfunctions.
6. Retinopathy of prematurity: prevention, and treatment.