

## Curriculum Vitae and Bibliography

**NAME:** Sumalin Trichaiyaporn, MD.

**PERSONAL DATA:**

**Date of Birth** October 16, 1980

**Citizenship** Thai

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**WORK:** Adult and Pediatric Vitreo-Retinal Specialist, Head of Ophthalmology Department, Queen Sirikit National Institute of Child Health (Children Hospital), Department of Medical Service, Ministry Of Public Health (MoPH), College Of Medicine, Rangsit University, Bangkok, Thailand

**EDUCATION:**

1998 – 2003 **Doctor of Medicine**

Faculty of Medicine, Rangsit University, Rajavithi Hospital, Bangkok

2006 – 2009 **Residency Training**

Resident of Ophthalmology, Ophthalmology Department, Mettapracharak (Wat Raikhing) Hospital, Nakornpathom, Thailand

2009 – 2011 **Fellowship Training**

Clinical fellow of VitreoRetinal Surgery, Ophthalmology Department, Rajavithi Hospital, Bangkok, Thailand

Clinical fellow of Pediatric Retina, Ophthalmology Department, Queen Sirikit National Institute of Child Health (Children Hospital), Bangkok, Thailand

## WORK EXPERIENCE:

- 2003 – 2004     **Internship**  
Buddhasothron Hospital, Chachoengsao Province, Thailand
- 2004 – 2006     **Ophthalmology Internship**  
Ophthalmology Department, Mettapracharak (Wat Raikhing) Hospital, Nakornpathom, Thailand
- 2011 – 2017     **Ophthalmologist and Instructor**, Ophthalmology Department, Queen Sirikit National Institute of Child Health (Children Hospital)
- 2018 – present   **Head of Ophthalmology Department, Ophthalmologist and Instructor**, Ophthalmology Department, Queen Sirikit National Institute of Child Health (Children Hospital)

## AWARDS AND HONORS

- Best Ophthalmic Resident of the year in 2009 and 2010 (Voted by Staff and Colleagues)

## SPECIAL INTEREST

- Pediatric vitreoretinal diseases : ROP, FEVR, PFV, Pediatric retinal detachment, Pediatric Trauma, Congenital retinal anomaly, Uveitis , Choroidal mass, and Electrophysiology in retinal diseases.
- Adult vitreoretinal diseases : Retinal Detachment, Traumatic Retinal Detachment, Diabetic retinopathy, AMD, PCV, Retinal vascular diseases
- Ocular imaging instrument
- AI and Telemedicine in ophthalmology

## PROFESSIONAL EXPERIENCE and INVITED LECTURER

- The 46th Scientific Meeting, The Royal college of Ophthalmologists Thailand (RCOPT) 2021, **“ROP Fluorescein Angiography”**, ROP! the Extreme MakeOver (November 26, 2021)
- The 46th Scientific Meeting, The Royal college of Ophthalmologists Thailand (RCOPT) 2021, Luncheon Symposium, **“Ranibizumab : New Treatment Modality in Retinopathy of Prematurity (ROP)”** (November 25, 2021)
- The 8<sup>th</sup> Central Eastern and Lower Northeast Vitreo-Retina (CNV), **“ROP: Transforming treatment paradigms”** (November 7, 2021)

- The 8<sup>th</sup> Central Eastern and Lower Northeast Vitreo-Retina (CNV), **“ROP Fundus Camera and Telemedicine in the future”** (November 7, 2021)
- Global Health in Eye Care: Vision Beyond 2021, Department of Medical services and RCOPT, **“Integrated Low Vision Care to Visual Rehabilitation Services”** (August 26, 2021)
- The 22<sup>nd</sup> Annual Pediatric Meeting at National Child Health, Bangkok, Thailand, Pediatric Visual Screening **“Saving Children’s eyes with Mobile Apps: Tools for everyone for visual screening”** (August 2021)
- The 44<sup>th</sup> Scientific Meeting, The Royal college of Ophthalmologists Thailand (RCOPT) 2019, **“ROP: From one day surgery to Telemedicine”**, Multidisciplinary topics, WHAT we have to do about preterm baby (November 2019)
- Special Lecturer: **“Ocular diseases in children – posterior segment: ROP, Retinoblastoma”** in Pediatric Optometry course at Faculty of Optometry, Rangsit University (June 2019)
- Special Lecturer: **“Common eye diseases requiring surgery”** in program of nursing specialty in surgical and perioperative nurse practitioner at Mettapracharak (Wat Raikhing) Hospital (May 2019)
- Topic: PM2.5 with children eyes in Post today (Mar 2019)
- Oral Presentation: **“Pediatric posterior segment diseases”** in 3<sup>rd</sup> Rangsit International Optometry Conference (May 2018)
- Special Lecturer: Program of Nursing Specialty in Ophthalmic Nurse Practitioner Mettapracharak (Wat Raikhing) Hospital (2019)
- Oral Presentation: **“Retcam for ROP screening and Telemedicine”** in the 19<sup>th</sup> Annual Pediatric Meeting at National Child Health at Bangkok, Thailand (Sep 2018)
- Oral Presentation: **“Guideline for Cross-border patient referral for ROP services”** at QSNICH, Bangkok, Thailand (July 2018)
- Trainer in **Pediatrics Optic and Refraction courses** of Projects Screening Vision at school (July 2017)
- Co-investigator in **The Fifth National Survey of Blindness, Low vision and Major Eye diseases in Thailand 2016-2017** Phase I (The Second Visual Impairment project in Thailand, TVIP)
- Trainer in **Pediatrics Optic and Refraction courses** of Projects “Screening vision at school in 10 provinces” (June 2014)
- Oral presentation: Symposium **“Ophthalmologic Emergencies”** in the 25<sup>th</sup> Annual Academic meeting of Rajavithi Hospital, vision to Asean Community (Feb 2014)

## **PUBLICATIONS and PRESENTATIONS**

- Global Retinoblastoma Study Group, Global Retinoblastoma Presentation and Analysis by National Income level. JAMA Oncol published online February 27, 2020
- Poster Presentation **“The analysis of vision screening and refractive errors in the First grade Thai Students”** in AAPOS RANZCO APSPOS Join Meeting – Sydney Australia (Nov 2019)
- Atchara Amphornphruet, MD., Nopphol Chaicharoensukkasem, MD., Sumalin Trichaiyaporn, MD., Yodpong Chantarasorn, MD., Sukhum Silpa-archa, MD. , Correlation between Visual Field and Multifocal Electroretinography in Patients on Chloroquine or Hydroxychloroquine Therapy

## **CLINICAL RESEARCH : On Going**

- The 5<sup>th</sup> Thailand National Eye Survey
- Accuracy Evaluation of a Smartphone Application, GoCheck Kids<sup>TM</sup>, to detect amblyopic risk factors in young Thai children
- Molecular characterization of familial exudative vitreoretinopathy (FEVR) in Thai patients

## **International Research**

- **BUTTERFLEYE Study** : RANDOMIZED, CONTROLLED, MULTI-CENTER STUDY TO ASSESS THE EFFICACY, SAFETY, AND TOLERABILITY OF INTRAVITREAL AFLIBERCEPT COMPARED TO LASER PHOTOCOAGULATION IN PATIENTS WITH RETINOPATHY OF PREMATURITY
- **BUTTERFLEYE next Study** : AN EXTENSION STUDY TO EVALUATE THE LONG-TERM OUTCOMES OF PATIENTS WHO RECEIVED TREATMENT FOR RETINOPATHY OF PREMATURITY IN THE VGFTE-ROP-1920 STUDY

## **CHARITY**

- Visit National Institute of Ophthalmology, Hanoi, Vietnam for Pediatric Retinal Surgery (Nov 2018)
- Issued Cataract surgery unit at Share Ya Tu Tipitaka Eye Hospital, Sagain, Myanmar (June 2016)

Sumalin Trichaiyaporn, MD.

March 8<sup>th</sup> , 2022