

CURRICULUM VITAE

Saiko Matsumura

Maiden name: Saiko Nakanome Title: Doctor Nationality: Japanese Gender: Female

E-mail: saiko.matsumura@med.toho-u.ac.jp

EDUCATION:

Mar 2008 Ph.D. Department of Ophthalmology Medicine, Graduate School of Medicine,
Toho University (Tokyo, Japan)

Mar 2002 M.D. Faculty of Medicine, Dokkyo Medical University (Tochigi, Japan)

PROFESSIONAL EXPERIENCE:

2020 – Current Assistant Professor, Department of Ophthalmology, Toho University (Tokyo, Japan)

2017 Clinic research fellow SERI

2009 Senior Resident, Department of Ophthalmology, Toho University (Tokyo, Japan)

2008 Resident, Department of Ophthalmology, Toho University

2004 Graduate Student, Department of Ophthalmology Toho University (Tokyo, Japan)

2002 Medical Intern, Toho University Omori medical Center Ophthalmology Department (Tokyo)

LICENSURE AND CERTIFICATION:

2002 National Board of Medicine (No. 428970)

2007 Board Certified Member of ophthalmology (No. 16313)

MEMBERSHIP:

Japanese Ophthalmological Society

Japanese Society of Cataract and Refractive Surgery

Myopia Society Japan

Japan Myopia Society

Japanese Association of Pediatric Ophthalmology

AWARDS

Best Oral Paper Presentation (SingHealth Duke-NUS Scientific Congress, Singapore, 2018.11)

Matsumura S, Lim L, Htoon M, Tian J, Hilal S, Lim SB, Cheng CY, Kuo A, Saw SM. Magnetic Resonance Imaging of eye shape and its associations with myopia in a multi-ethnic population.

RESEARCH SUPPORT – RESEARCH GRANTS

- The Science Research Promotion Fund (Promotion and Mutual Aid Corporation for Private Schools of Japan) (2020)
- Toho University School of Medicine Project Research Funding Grant Number 21-01(2021)
- The Science Research Promotion Fund (Nukada Scholarship) (2021)

PUBLICATIONS:

1. **Nakanome S**, Watanabe H, Tanaka K, Tochikubo T. Calcification of Hydroview H60M intraocular lenses: Aqueous humor

- analysis and comparisons with other intraocular lens materials. **J Cataract Refract Surg.** 2008 34(1):80-86.
2. Watanabe H, **Nakanome S**, Tanaka K, Kobayakawa S, Akiyama T, Tochikubo T. Opacification of Hydroview intraocular lenses necessitating lens exchange. **Japanese Journal of Ophthalmic Surgery.** 2008 21(1):91-96.
 3. **Nakanome S**, Tanaka K, Kobayakawa S, Watanabe H, Tochikubo T. Opacification of hydroview hydrogel intraocular lens: Analysis of 3 explanted lenses. **IOL & RS.** 2006 20(1):52-56.
 4. **Nakanome S**, Kimura M, Gonda Y, Tochikubo T. Results of a conjunctivoplasty technique used in eleven cases of conjunctivochalasis. **Rinsho Ganka.** 2006 19(1):91-94.
 5. **Nakanome S**, Watanabe H, Tanaka K, Tochikubo T. Composition of aqueous humor as related to calcification of hydrophilic acrylic intraocular lens. **Rinsho Ganka.** 2004 58(10):1915-1918.
 6. Takahashi A, Watanabe H, **Nakanome S**, Tochikuro T. Removal of hydrophilic acrylic intraocular lenses. **Rinsho Ganka.** 2004 58(8):1453-1456.
 7. Watanabe H, Tanaka K, **Nakanome S**, Kobayakawa S, Tochikubo T. Three cases of hydrophilic acrylic intraocular lens exchange **Atarashii Ganka.** 2003 20(8):1153-1157.
 8. **Matsumura S**, Kuo A, Saw SM: An update of eye shape and myopia, **Eye Contact Lens.** 2019 Sep;45(5):279-285
 9. Saw SM, **Matsumura S**, Hoang QV: Prevention and Management of Myopia and Myopic Pathology, **Invest Ophthalmol Vis Sci.** 2019 Feb 1;60(2):488-499
 10. Jiang X, Tarczy-Hornoch K, Stram D, Katz J, Friedman DS, Tielsch JM, **Matsumura S**, Saw SM, Mitchell P, Rose KA, Cotter SA, Varma R ; Population-Based Pediatric Eye Disease Study Consortium: Prevalence, Characteristics, and Risk Factors of Moderate or High Hyperopia among Multiethnic Children 6 to 72 Months of Age A Pooled Analysis of Individual Participant Data, **Ophthalmology.** 2019 Jul;126(7):989-999.
 11. **Matsumura S**, Chen C-Y, Saw SM: Global Epidemiology of Myopia, Springer Singapore 978-981-13-8491-2
 12. Devarajan K, Sim R, Chua J, Wong CW, **Matsumura S**, Htoon HM, Schmetterer L, Saw SM, Ang M: Optical coherence tomography angiography for the assessment of choroidal vasculature in high myopia, **Br J Ophthalmol.** 2019 Oct 4
 13. Lim LS, **Matsumura S**, Htoon HM, Tian J, Lim SB, Sensaki S, Chen C, Hilal S, Wong TY, Cheng CY, Kuo A, Saw SM. Mri of posterior eye shape and its associations with myopia and ethnicity. **Br J Ophthalmol.** 2019
 14. Zheng F, **Matsumura S**, Wong YL, Saw SM et al: The prevalence, risk factors and complications of staphylomas in Singapore adults. **Acta Ophthalmol.** 2020 Jun 29.
 15. **Matsumura S**, Lanca C, Htoon HM, Brennan N, Tan CS, Kathrani B, Chia A, Tan D, Sabanayagam C, Saw SM. Annual Myopia Progression and Subsequent 2-Year Myopia Progression in Singaporean Children. **Transl Vis Sci Technol.** 2020 Dec 7;9(13):12.
 16. Wong CW*, **Matsumura S***, Htoon HM, Tan S, Tan CS, Ang M, Wong YL, Agrawal R, Sabanayagam C, Saw SM. Assessment of the Macular Microvasculature in High Myopes With Swept Source Optical Coherence Tomographic Angiography. **Front Med (Lausanne).** 2021 May 17
 17. **Matsumura S**, Sabanayagam C, Wong CW, Tan CS, Kuo A, Wong YL, Ohno-Matsui K, Wong TY, Cheng CY, Hoang QV, Saw SM. Characteristics of myopic traction maculopathy in myopic Singaporean adults. **Br J Ophthalmol.** 2021 Apr;105(4):531-537.
 18. **Matsumura S**, Dannoue K, Uemura K, Saga T, Tomioka M, Hori Y. Long-Term Changes in the Corneal Endothelium After Orthokeratology in Children. **Rinsho Ganka.** 2022 (In press)

PRESENTATIONS – International

1. **Nakanome S**, Watanabe H, Tanaka K, Kobayakawa S, Tochikubo T. Three cases of hydrophilic acrylic intraocular lens

- exchange **SOE**. 2003 Societas Ophthalmologica Euro-paea (14th Congress of the European Society of ophthalmology. Madrid, Spain. 2003.6) (Poster)
2. **Nakanome S**, Kimura M, Gonda Y, Tochikubo T. Results of a conjunctivoplasty technique used in four cases of conjunctivochalasis. **Japan Taiwan Joint Meeting on Ophthalmology**. Okinawa 2004 11.(Oral presentation)
 3. **Nakanome S**, Tanaka K, Kobayakawa S, Watanabe H, Tochikubo T. Opacification of hydroview hydrogel intraocular lens; analysis of 3 explanted lenses. Association for Research in Vision and Ophthalmology 2005 Annual Meeting, Fort Lauderdale, USA, 2005. 4(Oral presentation)
 4. **Nakanome S**, Tanaka K, Watanabe H, Tochikubo T. Experiment comparing calcification levels on different IOL materials. US-Japan Cooperative Cataract Research Group Meeting, Hawaii, USA, 2005. 10(Oral presentation)
 5. **Nakanome S**, Watanabe H, Tanaka K, Tochikubo T. Calcification of Hydroview H60M intraocular lenses: Comparisons with other intraocular lens materials. **American Academy of Ophthalmology**, Las Vegas, USA, 2006.11(Poster presentation)
 6. **Matsumura S**, Lim L, Htoon M, Tian J, Hilal S, Lim SB, Cheng CY, Kuo A, Saw SM. MRI imaging of eye shape and associations with myopia in Singapore adults. **The Association for Research in Vision and Ophthalmology**, Hawaii, USA 2018.5(Oral presentation)
 7. **Matsumura S**, Sabanayagam C, Wong CY, Cheng CY, Hoang QV, Saw SM et al: Characteristics of Myopic Traction Maculopathy in myopic Singapore adults. **35th Singapore-Malaysia Joint Meeting in Ophthalmology/ 1st Asia-Pacific Ocular Imaging Society Congress, Singapore 2020.1**
 8. **Matsumura S**, Matsumoto T, Katayama Y, Tomita M, Morikawa H, Itokawa T, Kawakami M, Hori Y. Longitudinal Changes in Refractive Error after Treatment of Retinopathy of Prematurity and Risk Factors for Early-Onset High Myopia. **The 36th Asia-Pacific Academy of Ophthalmology Congress**
 9. **Matsumura S**, Matsumoto T, Katayama Y, Tomita M, Morikawa H, Itokawa T, Kawakami M, Hori Y. Risk factors for early-onset high myopia after treatment of retinopathy of prematurity. **The 14th Joint Meeting of Japan-China-Korea Ophthalmologist**

PRESENTATIONS - Regional

1. **Nakanome S**, Akiyama T, Yanagawa H, Yuji K. Results of a conjunctivoplasty technique used in conjunctivochalasis. The 19th Japan Cornea Conference 2003.2 (Poster presentation)
2. **Nakanome S**, Watanabe H, Tanaka K, Tochikubo T. Aqueous humor analysis of calcification of Hydroview H60M intraocular lenses. **The 57th annual congress of Japan clinical Ophthalmology**. 2003.10(Oral presentation)
3. **Nakanome S**, Kimura M, Gonda Y, Tochikubo T. Results of a conjunctivoplasty technique used in conjunctivochalasis. **The 28th annual meeting of the Japanese Society of Ophthalmic Surgery**. 2005.1 (Oral presentation)
4. **Nakanome S**, Watanabe H, Tanaka K, Kobayakawa S, Tochikubo T. Element analysis of calcification of hydroview hydrogel intraocular lens. **The 20th annual meeting of the Japanese Society of Cataract and Refract surgery**. 2005.6 (Oral presentation)
5. **Nakanome S**, Watanabe H, Tanaka K, Tochikubo T. Calcification of Hydroview H60M intraocular lenses: Comparisons with other intraocular lens materials. **The 59th annual congress of Japan clinical Ophthalmology**. 2005.10 (Oral presentation)
6. **Nakanome S**, Hata J, Tochikubo T. Case report of acquired toxoplasmosis. Toho academic research group 2006.11(Oral presentation)
7. **Nakanome S**, Kobayakawa S, Watanabe H, Tochikubo T. Elemental analysis of whitening on Hydroview H60M intraocular lenses. **The 62th annual congress of Japan clinical Ophthalmology**. 2008.10 (Oral presentation)

8. **Nakanome S.** Kobayakawa S, Arimura S, Takuma S, Tochikubo T. Elemental analysis of Surface scattering on MA60BM intraocular lenses. **The 23th annual meeting of Japanese Society of Cataract and Refract surgery.** 2008.6 (Oral presentation)
9. **Nakanome S.** Tanahashi Y, Tochikubo T. Introduction and Efficiency of Audiovisual Medical Examination in children aged 3 years. The 55th Annual Meeting of the Japanese Society of Child Health. 2008.9 (Poster presentation)
10. **Nakanome S.** Kobayakawa S, Tochikubo T. Four cases of whitening on hydrophilic acrylic intraocular lenses. **The 113th annual meeting of the Japanese Ophthalmological society.**2009.4(Oral presentation)
11. **Nakanome S.** Hata J, Tochikubo T. Case report of recurrence of acquired toxoplasmosis. 2009.7(Oral presentation)
12. **Matsumura S.** Katayama Y, Murata K. Matsumoto N. The statistical analysis of retinopathy of premature in Saiseikai Yokohama Hospital. 2011.9 Toho academic research group(Oral presentation)
13. **Matsumura S.** Lim L, Htoon M, Tian J, Hilal S, Lim SB, Cheng CY, Kuo A, Saw SM. Magnetic Resonance Imaging of eye shape and its associations with myopia in a multi-ethnic population, The 13th Public Health and Occupational Medicine (PHOM), Singapore 2018.10(Poster presentation)
14. **Matsumura S.** Lim L, Htoon M, Tian J, Hilal S, Lim SB, Cheng CY, Kuo A, Saw SM. MRI imaging of eye shape and associations with myopia in Singapore adults, the 8th International Ophthalmology Congress (IOC) 2018, Singapore 2018.10(Poster presentation)
15. **Matsumura S.** Myopia Epidemiology Study - Risk Factors and Progression Control Treatment of Myopia in School Children. The 7th Omori Ophthalmology Forum, 2020, Japan
16. **Matsumura S.** Lim L, Htoon M, Tian J, Hilal S, Lim SB, Cheng CY, Kuo A, Saw SM. Annual myopia progression and future myopia progression in Singapore children. The 125th Annual Meeting of the Japanese Ophthalmological Society, 2021, Japan
17. **Matsumura S.** Matsumoto T, Katayama Y, Tomita M, Morikawa H, Itokawa T, Kawakami M, Hori Y. Longitudinal Changes in Refractive Error after Treatment of Retinopathy of Prematurity and Risk Factors for Early-Onset High Myopia. The 46th Annual Meeting of Japanese Association of Pediatric Ophthalmology, 2021, Japan
18. **Matsumura S.** Lim L, Htoon M, Tian J, Hilal S, Lim SB, Cheng CY, Kuo A, Saw SM. Magnetic Resonance Imaging of eye shape and associations with myopia. The 5th Annual meeting of Japan Myopia Retina Club, 2021, Japan
19. **Matsumura S.** Myopia Progression Control Therapy in East Asia. The 75th Japan Clinical Ophthalmology Society, 2021, Japan
20. **Matsumura S.** Dannoue K, Uemura K, Saga T, Tomioka M, Hori Y. Long-Term Changes in the Corneal Endothelium After Orthokeratology in Children. The 75th Japan Clinical Ophthalmology Society, 2021, Japan
21. **Matsumura S.** Treatment of myopia progression using orthokeratology. The 8th Omori Ophthalmology Forum, 2021, Japan
22. **Matsumura S.** Review of Myopia Suppression Therapy. The 1st Meeting of Jion, 2022, Japan