

## CURRICULUM VITAE

Manchima Makornwattana, M.D.

Assistant Professor of Ophthalmology

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### EDUCATION

1989-1995	Chulalongkorn University Faculty of Medicine	Bangkok, Thailand
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### PROFESSIONAL TRAINING

1998-2001	Ophthalmology Residency	Department of Ophthalmology Chulalongkorn University Hospital
2001-2002	Clinical Glaucoma Fellowship	Glaucoma Associates of New York The New York Eye and Ear Infirmary
2002-2004	Glaucoma Research Fellowship	Glaucoma Associates of New York The New York Eye and Ear Infirmary

### POSTGRADUATE QUALIFICATIONS

2001	Board of Ophthalmology, the Royal College of Ophthalmology of Thailand
2002	Certificate of Clinical Glaucoma Fellowship, USA
2003	Certificate of Glaucoma Research Fellowship, USA

#### APPOINTMENTS

- 2004-2006 Dean Assistant, Foreign relations Faculty of Medicine, Thammasat University
- 2004-present Chief of Glaucoma Unit, Department of Ophthalmology Faculty of Medicine, Thammasat University
- 2004-present Vice Director, Department of Ophthalmology Thammasat University Hospital, Faculty of Medicine Thammasat University
- 2004-present Vice Program Director, Ophthalmology Residency Training Program, Department of Ophthalmology Thammasat University Hospital
- 2004-present International Affairs, Department of Ophthalmology Faculty of Medicine, Thammasat University
- 2004-2009 Glaucoma Consultant, Ramkamhaeng Hospital
- 2005-present Glaucoma Consultant, Bumrungrad International Hospital
- 2007-present Glaucoma Consultant, TopChareon Eye Center
- 2009-present Program Director, Glaucoma Fellowship Training Program, Department of Ophthalmology Thammasat University Hospital

#### COMMITTEE MEMBERSHIP

- 2005 Committee, Thai-American Foundation Scientific Conference
- 2006-present Scientific subcommittee and secretary, the Royal College of Ophthalmologists of Thailand
- 2007 Committee, Asia Oceanic Glaucoma Society 2007
- 2008 Committee, Asia Pacific Association of Cataract and Refractive Surgeons 2008
- 2008-2009 Fundraising committee, Scientific Annual Meeting Thammasat University Faculty of Medicine
- 2009-present Scientific secretary, executive committee, the Royal College of Ophthalmologists of Thailand
- 2009 The Thai Board of Ophthalmology Certification Examination Committee, the Royal College of Ophthalmologists of Thailand

- 2009-present Executive committee, Thai Glaucoma Society, the Royal College of Ophthalmologists of Thailand
- 2009-present Scientific Chairman, Thai Glaucoma Society, the Royal College of Ophthalmologists of Thailand

#### EDITORIAL ACTIVITIES

- 2005 Assistant Editor, 15<sup>th</sup>-16<sup>th</sup> Annual Scientific Meeting Program Schedule and Abstract Book
- 2006-present Manuscript Reviewer for Thammasat Thai Journal of Ophthalmology
- 2006-present Editor, Thammasat Thai Journal of Ophthalmology
- 2006 Assistant Editor, 17<sup>th</sup>-18<sup>th</sup> Annual Scientific Meeting Program Schedule and Abstract Book
- 2007 Assistant Editor, 19<sup>th</sup>-20<sup>th</sup> Annual Scientific Meeting Program Schedule and Abstract Book
- 2007 Editor, 1<sup>st</sup> World Glaucoma Day Book of Thai Glaucoma Society
- 2008 Editor, 2<sup>nd</sup> World Glaucoma Day Book of Thai Glaucoma Society
- 2008 Assistant Editor, 21<sup>st</sup>-22<sup>nd</sup> Annual Scientific Meeting Program Schedule and Abstract Book
- 2009 Assistant Editor, 23<sup>rd</sup>-24<sup>th</sup> Annual Scientific Meeting Program Schedule and Abstract Book

#### HONORS AND AWARDS

- 1999 Top Scorer, Ophthalmology In-Training Examination
- 2000 Top Scorer, Ophthalmology In-Training Examination
- 2001 Top Scorer, Ophthalmology In-Training Examination
- 2000-2001 Chief, Ophthalmology Resident, Department of Ophthalmology, King Chulalongkorn University Hospital
- 2001 The 1998-2001 Best Ophthalmology Resident Award, King Chulalongkorn University Hospital

- 2007 Best Research Award, Scientific Annual Meeting Thammasat University Faculty Of Medicine 2007
- 2007 Young Ophthalmologist Awards, European Glaucoma Society Meeting, Vienna, Austria

#### LICENSURE AND CERTIFICATIONS

- 1995-present Certificate of Licensure (Thailand)
- 1997-2005 ECFMG Certificate
- 2001-2003 New York Limited Permit Licensure
- 2001 Certificate of Human Participant Protections for Research Teams The National Institute of Health (NIH), USA
- 2004 Confocal Scanning Laser Ophthalmoscopy Certification for the Ocular Treatment Study University of California, San Diego
- 2004 Confocal Scanning Laser Ophthalmoscopy Certification for the Allergan Memantine Study University of California, San Diego

#### BOOKS AND CHAPTERS

- 2005 แพทย์หญิงมัญชิมา มะกรวัฒน์ ประสาทจักษุวิทยา 137-144 ตำราจักษุวิทยา สิงหาคม 2548. ฉบับที่ 1, สิงหาคม 2548. หน้า 137-144
- 2005 เทคโนโลยีใหม่ในการวินิจฉัยและรักษาโรคต้อหิน วารสารคลินิกปีที่ 21 ฉบับที่ 3 มีนาคม 2548. 217-220
- 2006 แพทย์หญิงมัญชิมา มะกรวัฒน์ การผ่าตัดต้อหิน (Filtering surgery) ตำราปฏิบัติการและหัตถการทางจักษุวิทยา ฉบับที่ 1, กุมภาพันธ์ 2549. 137-146
- 2007 1st Edition, World Glaucoma Day Book
- 2008 2nd Edition, World Glaucoma Day Book
- 2009 Computer assisted Instruction (CAI): Contact Lens. January 2009
- 2009 Computer assisted Instruction (CAI): Glaucoma. March 2009
- 2009 Glaucoma, Silent Killer Pocket Book, 5,000 copies. October, 2009
- หนังสือสำหรับประชาชน "ต้อหิน...ภัยเงียบที่จะพรากแสงสว่างจากคุณไปตลอดกาล" ตุลาคม

2009

2010      Glaucoma Book. 1,500 copies. February, 2010

ตำราต้อหิน กุมภาพันธุ์ 2010

#### RESEARCH AND PUBLICATIONS

- 2003      Optical Coherence Tomography (OCT-3) Can Detect a Retinal Macular Thickness Difference Between Ocular Hypertensive and Normal Eyes  
M.Makornwattana<sup>1</sup>, R.Gurses-Ozden<sup>1</sup>, R.Vessani<sup>1</sup>, S.Zafar<sup>1</sup>, J.M. Liebmann<sup>2</sup>, C.Tello<sup>1</sup>, R.Ritch<sup>1</sup>. <sup>1</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY and New York Medical College, Valhalla, NY; <sup>2</sup>Ophthalmology, New York University and Manhattan Eye, Ear, and Throat Hospital, New York, NY.  
Abstract presented at the Association for Research in Vision and Ophthalmology (ARVO) meeting, Fort Lauderdale, FL
- 2003      Comparison of Central Corneal Thickness Measurements by Ultrasound Pachymetry, Orbscan, and Third Generation Optical Coherence Tomography (OCT3)  
G.R. Fishman, M.Pons, M.Makornwattana, J.Seedor, J.Liebmann, R.Ritch. Department of Ophthalmology, NY Eye & Ear Infirmary, New York, NY.  
Abstract presented at the Association for Research in Vision and Ophthalmology (ARVO) meeting, Fort Lauderdale, FL
- 2003      Macular and Retinal Nerve Fiber Layer Thickness Measurement Reproducibility Using Optical Coherence Tomography (OCT-3)  
C.C. Teng<sup>1</sup>, R.Gurses-Ozden<sup>2</sup>, R.M. Vessani<sup>2</sup>, M.Makornwattana<sup>2</sup>, B.Rubin<sup>3</sup>, S.Zafar<sup>2</sup>, J.M. Liebmann<sup>4</sup>, C.Tello<sup>2</sup>, R.Ritch<sup>2</sup>. <sup>1</sup>SUNY Downstate Medical Center, Brooklyn, NY; <sup>2</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY and New York Medical College, Valhalla, NY; <sup>3</sup>SUNY Stony Brook School of Medicine, Stony Brook, NY; <sup>4</sup>Ophthalmology, New York University and Manhattan Eye, Ear, and Throat Hospital, New York, NY.  
Abstract presented at the Association for Research in Vision and Ophthalmology (ARVO) meeting, Fort Lauderdale, FL

- 2004 Scanning Protocol Choice Affects Optical Coherence Tomography (OCT-3) Measurements  
S.Zafar<sup>1</sup>, M.Makornwattana<sup>1</sup>, R.Gurses-Ozden<sup>1</sup>, R.M. Vessani<sup>1</sup>, J.M. Liebmann<sup>2</sup>, C.Tello<sup>1</sup>, R.Ritch<sup>1</sup>. <sup>1</sup>Ophthalmology, New York Eye and Ear Infirmary, New York, NY and New York Medical College, Valhalla, NY; <sup>2</sup>Ophthalmology, New York University and Manhattan Eye, Ear, and Throat Hospital, New York, NY.  
Published in Journal of Glaucoma 2004 Apr;13(2):142-4.  
Abstract presented at the Association for Research in Vision and Ophthalmology (ARVO) meeting 2003, Fort Lauderdale, FL
- 2004 Effect of pupillary dilation on retinal nerve fiber layer thickness measurements using optical coherence tomography. Zafar S, Gurses-Ozden R, Vessani R, Makornwattana M, Liebmann JM, Tello C, Ritch R. Department of Ophthalmology, The New York Eye and Ear Infirmary, New York, NY, USA.  
Published in Journal of Glaucoma 2004 Feb;13(1):34-7.
- 2006 Review Article: Medical Glaucoma Update  
Manchima Makornwattana, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Thammasat Thai Journal Ophthalmology. January-June 2006: 35-40
- 2006 Review Article: Glaucoma Prevention  
Manchima Makornwattana, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Thammasat Thai Journal Ophthalmology. July-December 2006: 27-32
- 2007 Efficacy and Safety of Silicone Punctal Plug Treatment in Moderate to Severe Dry Eye at Thammasat University Hospital  
Manchima Makornwattana, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Thammasat Thai Journal Ophthalmology. January-June 2007: 14-21

- 2007           Supratarasal Injection of Corticosteroids in Refractory Vernal Keratoconjunctivitis (VKC),  
Case Report  
Manchima Makornwattana, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Thammasat Thai Journal Ophthalmology. July-December 2007: 1-4
- 2008           การเลือกใช้เลนส์แก้วตาเทียมแบบปรับชัดหลายระยะในผู้ป่วยผ่าตัดต้อกระจก วารสารจักษุ  
      วิทยา ปีที่ 3 ฉบับที่ 1 มกราคม-มิถุนายน 2551: 53-56
- 2008           ความก้าวหน้าของเลนส์แก้วตาเทียม วารสารคลินิก สิงหาคม 2551
- 2009           Review Article: Ocular Hypertension  
Manchima Makornwattana, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Thammasat Thai Journal Ophthalmology. January-June 2009: 77-89
- 2009           Efficacy and Safety of Needle Revisions and 5-FU Injections in over 14-month  
Dysfunction Blebs in Thai Patients  
Manchima Makornwattana, MD, Thipsumarn Mienklang, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Published in Thammasat Thai Journal Ophthalmology. January-June 2009: 23-28  
Presented at Royal College Of Ophthalmology of Thailand 23<sup>rd</sup> Annual Meeting, July  
2009
- 2009           Anti-inflammation efficacy of Nepafenac 0.1% and Fluorometholone in post-operative  
uncomplicated phacoemulsification and IOL implantation  
Chinasut Arunakul, MD, Piyada Pullsawas, MD, Manchima Makornwattana, MD  
Dept of Ophthalmology. Thammasat University, Faculty of Medicine.  
Presented at Royal College of Ophthalmologists of Thailand 24<sup>th</sup> Annual Meeting,  
December, 2009

#### LECTURES AND PRESENTATIONS BY INVITATION

- 2005           OCT: How useful is it in diagnosis? Repeatability? Do you rely on its report? Opinion  
      leading in glaucoma. Aiyara Hotel, Uthaithani. May14-15, 2005

- 2005 Prostaglandin non-responder: How often you see? When will you switch? What will you switch to? Opinion leading in glaucoma. Aiyara Hotel, Uthaithani. May14-15, 2005
- 2005 ภัยของดวงตา, โครงการสุขภาพดีกับไฟเซอร์, การเคหะแห่งชาติ, May 2005
- 2005 OCT Utilization in Glaucoma, 15<sup>th</sup> Scientific Meeting, The Royal College of Ophthalmologist of Thailand, July 2005
- 2005 Glaucoma a preventable blindness. Bumrungrad International. August 2, 2005
- 2005-present 5<sup>th</sup> year medical student lecture: Red eye and ocular pain
- 2005-present 6<sup>th</sup> year medical student lecture: cataract and glaucoma, comprehensive course
- 2006 What is the best anti-glaucoma medication? Central region ophthalmologists' semi-annual meeting. March 4, 2006
- 2006 Practical glaucoma diagnosis & management. Xian China. April 18-22, 2006
- 2006 Board Review Course for Thai Board of Ophthalmology Candidates. May 2006
- 2006 New Technology in Glaucoma. Bumrungrad International Hospital.
- 2006 Meet the expert งาน Pre-congress คณะแพทยศาสตร์ มหาวิทยาลัยธรรมศาสตร์ June 7, 2006
- 2006 Meeting The Glaucoma Experts. Pattaya. August 5-6, 2006
- 2006 Current Glaucoma Research Activity (2003 & Beyond) in Thailand จัดโดย Glaucoma Research Interest Group. October 29, 2006
- 2006-present First-year resident instruction course: Glaucoma basic I-II
- 2007 Anti-Aging: How to Slow Down Aging Eye. The Second Annual Bangkok Anti-Aging Conference Bumrungrad International Hospital. February 25-27, 2007
- 2007 Applied CPG for Glaucoma. The Second Central Region Semi-Annual Ophthalmology Conference. April 20-21, 2007
- 2007 Alternative Surgery and GDD Updates. Trends In Glaucoma Treatment. Evason Resort and Spa, Hua Hin. April 28-29, 2007
- 2007 Board Review Course for Thai Board of Ophthalmology Candidates. May 2007
- 2007 How to differentiate between glaucoma and non-glaucoma in high myopia. Opinion Leading in Glaucoma. Chiang Rai. June 9, 2007



- 2007 How to manage recurrent disc hemorrhage in very low IOP in NTG patients. Opinion Leading in Glaucoma. Chiang Rai. June 9, 2007
- 2007 Anti-Aging: How to Slow Down Aging Eye. Annual Scientific Meeting. Phra Nang Glao Hospital, Bangkok. June 21, 2007
- 2007 Efficacy and Safety of Silicone Punctal Plug Treatment in Moderate to Severe Dry Eye at Thammasat University Hospital. Thammasat University Faculty of Medicine July 6, 2007
- 2007 Should the future be fixed for medical treatment of glaucoma? Siam City Hotel. July 23, 2007
- 2007 Update in Glaucoma Drainage Device. Glaucoma symposium. Royal Golden Jubilee Building, Petchburi Road, Bangkok. July 27-28, 2007
- 2007 Glaucoma Management. BI Nurse and Technician Annual Conference 1. Bumrungrad International Hospital. August 17, 2007
- 2007 Role of Adjunctive Medical Glaucoma Therapy. Advancement in Diagnosis and Management of Glaucoma. เสียมราฐ ประเทศกัมพูชา 12 สิงหาคม 2550
- 2007 Glaucoma Management. BI Nurse and Technician Annual Conference 2. Bumrungrad International Hospital. August 24, 2007.
- 2007 Update Clinical Practice in Glaucoma Management. Montien Riverside Hotel. August 31, 2007
- 2007 Glaucoma Update: How Much Do You Know about Glaucoma? Tawarawadee Hotel. September 2, 2007
- 2007 Updates and Reviews in Glaucoma Medical Therapy. Meet the Expert in Glaucoma: 2007 Update in Glaucoma. Sheraton Hotel, Hua Hin. October 6, 2007
- 2007 Clinical success and practice excellence with ReSTORE. 20<sup>th</sup> Annual Scientific Meeting. The Royal College of Ophthalmologists of Thailand. Royal Jubilee Building, Bangkok. November 22, 2007
- 2007 วิทยาลัยนุศาสตร์ 2000 ปี Department of Ophthalmology, Chulalongkorn University, Faculty of Medicine Alumni meeting. The Royal Bangkok Sport Club. November 22, 2007

- 2007 Translating basic science to clinical practice in glaucoma. Pfizer Japan Meeting. Grand Hyatt Erawan Hotel. December 1, 2007
- 2007 How diurnal IOP fluctuation relates to glaucoma progression? Glaucoma management trends, AOGS 2007-Satellite Symposium. The Central World Convention Center Bangkok. December 2, 2007
- 2007 Guideline on standard for diagnostic of glaucoma. 2<sup>nd</sup> Annual Scientific Meeting. The Royal College of Cambodia. December 15,2007
- 2007 Travoprost as prostaglandin analog for POAG treatment. 2<sup>nd</sup> Annual Scientific Meeting. The Royal College of Cambodia. December 15,2007
- 2007-present Second-year resident training course: glaucoma surgery and drainage devices
- 2008 The use of SLT in ocular hypertension and early OAG. Symposium & Live demonstration SLT. Mongkolnavin Auditorium, 19<sup>th</sup> Floor, Sor Kor Building. February 13, 2008
- 2008 รู้รักษ์ดวงตา รู้ทันต้อหิน. World Glaucoma Day. Central World, Bangkok. March 6,2008
- 2008 NFL Examination: Clinical technique. 4<sup>th</sup> Opinion leader in glaucoma, Krabi. March 21-23, 2008
- 2008 What should you know about multifocal IOL? Central region ophthalmologists' semi-annual meeting. April 26, 2008
- 2008 Practice Excellence with AcrySof ReStor. ReStor-Toric user meeting. New West Street International Hotel, China. May 8, 2008
- 2008 Board Review Course for Thai Board of Ophthalmology Candidates. May 2008
- 2008 How diurnal IOP fluctuation relates to glaucoma progression? Therapeutic management trend meeting. Xian, China. June 15, 008
- 2008 Gonioscopic imaging & alternative tools. Gonioscopy. 21<sup>st</sup> Scientific Meeting The Royal College of Ophthalmologists of Thailand. Ambassador Hotel, Pattaya. July 25-27, 2008
- 2008 Visual field analysis in glaucoma. Advance nursing and practice in glaucoma nurse annual meeting. Ambassador Hotel, Pattaya. July 25-27, 2008

- 2008 Safety and persistency. Protect what's precious in glaucoma treatment. 21<sup>st</sup> Scientific Meeting The Royal College of Ophthalmologists of Thailand. Ambassador Hotel, Pattaya. July 25, 2008
- 2008 New glaucoma medications in current national drug list: Brimonidine Tartrate & Bimatoprost Trend of fixed combination in medical therapy. Update in glaucoma management & impact of new national list of essential drug. Siam City Hotel. August 15, 2008
- 2008 Case detection & assessment. Meet experts in glaucoma and retina. Ravinda Hotel, Pattaya. September 6, 2008
- 2008 Innovation in Ophthalmology. Vietnam National Ophthalmology Congress 2008 (in conjunction with 30<sup>th</sup> ceremony of establishment of Hochiminh Eye Hospital). Ho Chi Minh, Vietnam. Sep 11-13, 2008
- 2008 Glaucoma Lecture. Vietnam National Ophthalmology Congress 2008 (in conjunction with 30<sup>th</sup> ceremony of establishment of Hochiminh Eye Hospital). Ho Chi Minh, Vietnam. Sep 11-13, 2008
- 2008 How diurnal IOP fluctuation relates to glaucoma progression? Therapeutic management trend. Xian, China. October 18-21, 2008
- 2008 How diurnal IOP fluctuations relate to glaucoma progression. Ophthalmic management trends (OMT). Centara Grand Convention Center, Bangkok. November 26, 2008
- 2008 IOL selection. Glaucoma symposium. 21<sup>st</sup> Asia Pacific Association of Cataract Refractive Surgeons Annual meeting in conjunction with the 22<sup>nd</sup> Congress of the Royal College of Ophthalmologists of Thailand. Centara Grand Convention Center, Bangkok. November 27, 2008
- 2008 The appropriate use of optic nerve head imaging. Glaucoma symposium, 21<sup>st</sup> Asia Pacific Association of Cataract Refractive Surgeons Annual meeting in conjunction with the 22<sup>nd</sup> Congress of the Royal College of Ophthalmologists of Thailand. Centara Grand Convention Center, Bangkok. November 28, 2008

- 2008 Patient selection & FDA results and aspheric data. ReStor user meeting, 21<sup>st</sup> Asia Pacific Association of Cataract Refractive Surgeons Annual meeting in conjunction with the 22<sup>nd</sup> Congress of the Royal College of Ophthalmologists of Thailand. Centara Grand Convention Center, Bangkok. November 28, 2008
- 2009 Updates in medical management of glaucoma. Hanoi, Vietnam. January 3, 2009
- 2009 Updates in medical management of glaucoma. Ho Chi Minh, Vietnam. January 4, 2009
- 2009 Image quality with multifocal IOL and its significance in patient outcomes. Advancements in Cataract Technology (ACT). Hanoi, Vietnam. March 6-8, 2009
- 2009 Elective Lenses Enhancing Cataract Technology. The premium lens patient selection decision tree. Plaza Athenee, Bangkok. March 10, 2009
- 2009 Meet the expert in glaucoma 2009. Treatment Initiation & Medication: How to get the appropriate medical glaucoma management? Baan Amphawa Hotel, Samutsongkarm. March 13-15, 2009
- 2009 Treatment Initiation & Medication: Case Study & Clinical Practice. Baan Amphawa Hotel, Samutsongkarm. March 13-15, 2009
- 2009 Board Review Course for Thai Board of Ophthalmology Candidates. Pramongkutklao King Hospital. May 5, 2009
- 2009 The Pfizer Asia Glaucoma Expert Panel. Interesting clinical treatment experiences, Difficult-to-treat cases and co-chairman. The Grand Hyatt, Bali. May 14, 2009
- 2009 The Role Of Antioxidant In Aged Related Diseases. Nakornpratom Hospital. May 27, 2009
- 2009 Elective Lenses Enhancing Cataract Technology (ELECT) Meeting. Sheraton, Chiangmai. June 11, 2009
- 2009 Round table discussion, The premium lens patient selection decision tree. Nakornpratom. July 18, 2009
- 2009 Nurse training course, Comprehensive ophthalmology. Bumrungrad International. July 1, 2009
- 2009 Nurse training course, Cataract. Bumrungrad International. July 1, 2009

- 2009 Nurse clinical practice meeting, Glaucoma instrument. Dome meeting hall 2, T Faculty of Medicine, Thammasat University. July 3, 2009.
- 2009 Royal College of Ophthalmologists of Thailand 23 Annual meeting, Chairman of Plenary session: Management of glaucoma when monotherapy is not enough and introduction of a new fixed dose combination of Bimatoprost/Timolol. Scientific Hall, Radisson Hotel, Bangkok. July 29, 2009
- 2009 Royal College of Ophthalmologists of Thailand 23 Annual meeting, Plenary session: Can fixed-combination integrate in your practice? Grand Ballroom & Scientific Hall, Radisson Hotel, Bangkok. July 30, 2009
- 2009 Royal College of Ophthalmologists of Thailand 23 Annual meeting, Glaucoma instruction course: Secret to trabeculectomy success. Grand Ballroom & Scientific Hall, Radisson Hotel, Bangkok. July 31, 2009
- 2009 Royal College of Ophthalmologists of Thailand 23 Annual meeting, Glaucoma symposium: Glaucoma controversies. Grand Ballroom, Radisson Hotel, Bangkok. July 31, 2009
- 2009 Nurse training course, Special Ophthalmology Instruments, Bumrungrad International. September 2, 2009
- 2009 Challenging from Glaucoma Specialist, Nakornradchasma. September 5, 2009
- 2009 Role of Adjunctive Medical Glaucoma Therapy. Shanghai, China. September 6, 2009
- 2009 Adjusting IOP target and IOP variation – Evident based, Hanoi, Vietnam. September 9, 2009
- 2009 IOP decreasing target – which choices? Hanoi, Vietnam. September 10, 2009
- 2009 FLAG: Focus Leading Advances in Glaucoma, in Bali, Indonesia October 9-11, 2009
- 2009 10 Years of Confidence: The First Fixed PG-Combination. Grand Hyatt Erawan Hotel, Bangkok. November 2, 2009
- 2009 Role adjunctive medical glaucoma therapy. Shanghai, China  
November 8, 2009
- 2009 Glaucoma Lecture. 21<sup>st</sup> Ophthalmic Surgeons' Conference. Yangon, Myanmar.  
November 10, 2009

- 2009 5<sup>th</sup> OLIG meeting. Combination Drug: any turning point? Chiangmai Thailand.  
November13-15 ,2009
- 2009 5<sup>th</sup> OLIG meeting. Optovue. Chiangmai Thailand. November13-15 ,2009
- 2009 Webcast Meeting (Live) “the Progressive Nature of Glaucoma – Pipeline Treatment”.  
Bangkok. November 20,2009
- 2009 Royal College of Ophthalmologists of Thailand 24 Annual meeting, Moderator of  
Glaucoma Symposium. Ease the “PRESSURE” with glaucoma guidelines. Main Hall,  
Centara Grand, Bangkok. December 10, 2009
- 2009 Royal College of Ophthalmologists of Thailand 24 Annual meeting, Co-Chairman of  
glaucoma free paper session. Centara Grand, Bangkok. December 9, 2009
- 2009 Royal College of Ophthalmologists of Thailand 24 Annual meeting, Pharma Link  
Luncheon Symposium. The new strategy reality: Allergy, Uveitis and post-operation.  
December 10, 2009
- 2010 Preservative toxic to ocular surface and the way to manage. TU-TRB symposium.  
Khaoyai, Nakornradchasrma. January 23, 2010
- 2010 Spectral-domain OCTs in Glaucoma Diagnostic, Rajavithi hospital, Bangkok. February  
17, 2009