

CURRICULUM VITAE



DATE February 25, 2024

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DATE OF BIRTH August 23, 1975

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H-Index 18 (<https://www.scopus.com/authid/detail.uri?authorId=6603316339> accessed on 25 February 2024)

CURRENT ADMINISTRATIVE TITLES

Associate Professor

Chief, Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Mahidol University

HONORARY TITLE

2012-Present Executive Director and Country Director, Ian Donald Inter-University School of Ultrasound in Medicine

2014-Present Professor, DIU Libertas International University School of Health Science

2016-Present Associate Fellow, International Association of Perinatal Medicine (IAPM)

2017-Present Executive Board Member, National Center for Genetic Engineering and Biotechnology (BIOTEC)

2019-2019 International Board Member, World Association of Perinatal Medicine (WAPM)

2017-Present Executive board member, Medical Ultrasonic Society of Thailand (MUST)

2019-2022 Deputy Secretary-General, WAPM

2020-2023 President, Medical Ultrasonic Society of Thailand (MUST)

2020-2022 Coopted counsilar Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB)

OFFICE ADDRESS

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EDUCATION

1997 M.D. Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

POSTDOCTORAL TRAINING

Internship and Residency

1997-1998 Intern, Rajburi Hospital, Rajburi, Thailand

1998-2001 Resident, Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

Fellowship

2001-2004 Maternal-Fetal Medicine and Perinatal Genetics, Tufts-New England Medical Center, Boston, MA USA

LICENSURE AND CERTIFICATION

1997 Thai Medical Diploma, Certificate No. 22374

2001 Diplomate Thai Board of Obstetrics and Gynecology

2004 Diplomate Thai Board of Maternal-Fetal Medicine

2004 Certificate of Maternal Fetal Medicine and Perinatal Genetics, Tufts University School of Medicine, Boston, USA

2012 Certificate of competence: Measurement of nuchal translucency, nasal bone, and uterine artery Doppler, Fetal Medicine Foundation, UK (renewed 2019)

2012 Certificate of competence: Advanced cardiac life support (renewed 2014, 2016)

ACADEMIC APPOINTMENTS

2004-2007 Clinical Instructor in Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

2007-2009 Assistant Professor in Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Mahidol University

2009-present Associate Professor in Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Mahidol University

HOSPITAL APPOINTMENTS

2004-2020	Attending, Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand
2004-present	Attending Maternal-Fetal Medicine Specialist, Bumrungrad International Hospital, Bangkok, Thailand
2004-present	Attending Maternal-Fetal Medicine Specialist, Bangkok Hospital Medical Center, Bangkok, Thailand
2012-present	Attending, Siriraj Piyamaharajkarun Hospital, Bangkok, Thailand
2019-present	Consultant, ASEANA Pregnancy Scans, Kuala Lumpur, Malaysia
2021-present	Chief, Division of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

AWARDS AND HONOR

1992	Awardee Best Performance for the First-Year Medical Science
1993	Awardee Best Performance for the Second-Year Medical Student
1994	Awardee Best Performance in Parasitology and Pathology
1995	Awardee Best Performance in Surgery
1996	Awardee Best Performance in Radiology
1997	First Class Honor Medical Graduate
2001	Leading Author, Best Resident's Presentation Royal Thai College of Obstetricians and Gynecologist Annual Meeting
2001	Scholarship Awardee from the Anandamahidol Foundation, Thailand
2003	Outstanding Young Investigator Award Circulating Nucleic Acids in Plasma and Serum and Serum Proteomics Meeting III (CNAPS III) Meeting, CA, U.S.A.
2007	Shan S. Ratnam Young Gynecologist Award The XXth Asian and Oceanic Congress of Obstetrics and Gynaecology, Asia & Oceania Federation of Obstetrics and Gynecology (AFOG), Tokyo, Japan
2008	2008 Young Technologist Award Foundation for the Promotion of Science and Technology under the Patronage of His Majesty the King, Thailand
2009	Outstanding personel Faculty of Medicine Siriraj Hospital, Thailand
2018	3 rd Prize RCOG research "Circulating free soluble fms-like tyrosine kinase-1 during late first trimester in relation with placental volume as a surrogate for trophoblastic production: a physiology study in low-risk cohort. Royal Thai College of Obstetricians and Gynaecologists
2022	Honorary Award (รางวัลเชิดชูเกียรติ) , Faculty of Medicine Siriraj Hospital, Thailand

TEACHING RESPONSIBILITIES

2004-2012	Maternal Physiological Adaptation during Pregnancy (SIOG 511 for 5 th year medical student, Faculty of Medicine Siriraj Hospital)
2004-2012	Hypertensive Disorders during Pregnancy (SIOG 511 for 5 th year medical student, Faculty of Medicine Siriraj Hospital)
2004-2012	Obstetric Pathology

- 2004-2015 (SIPA 301 for 3rd year medical student, Faculty of Medicine Siriraj Hospital)
General Care for Pregnant Women
2004-2015 (SITT 461 for 4th year student of Bachelor of Science in Applied Thai Traditional Medicine, Faculty of Medicine Siriraj Hospital)
Obstetric, Medical, and Surgical Complications during pregnancy
(SITT 461 for 4th year student of Bachelor of Science in Applied Thai Traditional Medicine, Faculty of Medicine Siriraj Hospital)

INTERNATIONAL PROFESSIONAL SOCIETIES

- 1997-present Member, Thai Medical Association
2001-present Member, Royal Thai College of Obstetricians and Gynecologists
2011-present Country Director, Ian Donald Inter-University School of Ultrasound in Medicine
2012-present Board member, Scientific Committee, Asia Pacific Congress of Maternal Fetal Medicine (APCMFM)
2013-present Executive Director, Ian Donald Inter-University School of Ultrasound in Medicine
2013-present Member, International Fetal Medicine and Surgery Society
2014-2017 Board Member, Maternal Fetal Medicine Committee, Asia Oceania Federation of Obstetrics and Gynecology (AOFOG)
2015-2019 International Board Member, World Association of Perinatal Medicine
2019-present Deputy Secretary, World Association of Perinatal Medicine
2016-present Associate Fellow, International Academy of Perinatal Medicine
2016-present Regular Member, Thai Academy of Science and Technology Foundation
2022-2024 Ultrasound Safety Committee, the Asian Federation of Societies for Ultrasound in Medicine & Biology (AFSUMB)

EDITORIAL BOARD

- 2012-2020 Editorial Board, Donald School Journal of Obstetrics and Gynecology
2012-2015 Thai Journal of Obstetrics and Gynecology
2014-present Frontiers in Surgery
2014-present Thai Society of Hypertension
2020-present Executive Editor, Donald School Journal of Obstetrics and Gynecology
2020-present Editorial Board Member (Fetal Medicine), BMC Pregnancy and Childbirth

REVIEWER FOR PEER REVIEW JOURNAL

- 2006-present Prenatal Diagnosis
2008-present BioMed Central Clinical Pathology
2008-present Fertility Sterility
2009-present International Journal of Gynecology and Obstetrics
2009-present American Journal of Obstetrics and Gynecology
2009-present Archives of Gynecology and Obstetrics
2009-present Songklanagarind Medical Journal
2009-present Journal of Medical Association of Thailand
2009-present Siriraj Medical Journal
2011-present Journal of Physiological and Biomedical Sciences
2012-present Case Reports in Perinatal Medicine
2012-present Journal of Maternal, Fetal, and Neonatal Medicine

CHAIR AND COMMITTEE IN SCIENTIFIC MEETINGS

2004 – present	Scientific committee, Annual Scientific Meeting Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital
2012	Scientific committee, 23rd Asian and Oceanic Congress of Obstetrics and Gynaecology
2012	Organizing Chair, Preeclampsia; From Placenta to a Lifetime Risk
2013	Organizing Chair, the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology
2013	Organizing Committee, the 23 rd Asian & Oceanic Congress of Obstetrics and Gynecology, Bangkok, THAILAND
2015	Chair Organizing Committee, NIPT Forum and the 2nd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology
2016	International Chair, 2 nd Asia Pacific Conference Fetal Therapy, Singapore
2017	Organizing Committee, 3 rd Asia Pacific Conference Fetal Therapy, Chennai, India
2017	Organizing Committee, World Congress of Perinatal Medicine, Belgrade, Serbia
2019	Organizing Chair the 5 th Asia Pacific Conference Fetal Therapy and the 3 rd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, 4-6 September 2019, Asia Hotel, Bangkok, THAILAND
2021	Organizing Chair the Annual Scientific Congress Medical Ultrasonic Society of Thailand (MUST) Virtual Meeting, 3-4 February 2021
2021	Organizing Chair; the Medical Ultrasonic Society of Thailand (MUST)-Mindray Expert Webinar, 20-21 August 2021
2021	Organizing Committee, The 14 th Congress of the Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB 2021), 16-19 September 2021, Zhuhai International Conference and Exhibition Center, Zhuhai, China
2022	Organizing Chair the Annual Scientific Congress Medical Ultrasonic Society of Thailand (MUST) Virtual Meeting, 17-18 January, 2022

MAJOR RESEARCH INTEREST

1. Fetal diagnosis
2. Non-invasive prenatal genetic diagnosis
3. Bi-directional feto-maternal trafficking of cell-free nucleic acids
4. Hypertensive disorders during pregnancy
5. *In utero* fetal surgery

International Fellow and Observer in Fetal Therapy

Soo Hyun Kim from Cha University, South Korea, January 2015 (3 weeks)

Jiyoun Kim from Cha University, South Korea, February 2015 (3 weeks)

Kohel Nakamura from Shimane University, Japan, May 2015 (1 week)

Ayaka Miki from Saga University, Japan, June 2015 (1 week)

Mohamad Rami from Syria, August 2015 (2 weeks)

Citra Matter from National University of Singapore, March 2017 (1 month)

Nobuhiko Hayashi from Osaka University Medical School, Osaka, Japan, February 2019 (2 weeks)

Chan Kok Seong (Jason) from Kuala Lumpur, Malaysia, August 2019 (1 month)

TEXTBOOKS

การรักษาทารกในครรภ์ (Fetal Therapy) ; กรุงเทพฯ ฯ : คณะแพทยศาสตร์ศิริราชพยาบาล มหาวิทยาลัยมหิดล: พิมพ์ที่
สำนักพิมพ์ศิริราช งานวิชาการ สำนักงานคณบดี คณะแพทยศาสตร์ศิริราชพยาบาล มหาวิทยาลัยมหิดล พ.ศ. 2564.

BIBLIOGRAPHY

Peer Reviewed Publications

Benjapibal M, **Wataganara T**, Senawong S, Boriboonhirunsarn D, Suphanit I. The correlation of beta-subunit human chorionic gonadotropin level in the serum and first morning urine of patients with gestational trophoblastic disease. *J Med Assoc Thai* 2001; 84: 1000-5.

Wataganara T, LeShane ES, Farina A, Messerlian GM, Lee T, Canick JA, Bianchi DW. Maternal serum cell-free fetal DNA levels are increased in cases of trisomy 13 but not trisomy 18. *Hum Genet* 2003;112: 204-8.

Wataganara, T, Chen AY, LeShane ES, Sullivan LS, Borgatta L, Bianchi DW, Johnson KL. Cell-free fetal DNA levels in maternal plasma after elective first trimester termination of pregnancy. *Fertil Steril* 2004: 81; 638-44.

Wataganara T, LeShane ES, Chen AY, Peter I, Borgatta L, Johnson KL, Bianchi DW. Plasma gamma globin gene expression suggests that fetal hematopoietic cells contribute to the pool of cell-free fetal nucleic acids during pregnancy. *Clin Chem* 2004; 50: 689-93.

Levine RJ, Qian C, LeShane ES, Yu K, England L, Schisterman E, **Wataganara T**, Romero R, Bianchi DW. Two-stage elevation of cell-free fetal DNA in maternal sera before onset of preeclampsia. *Am J Obstet Gynecol* 2004; 190: 707-13.

Wataganara T, LeShane ES, Chen AY, Sullivan LM, Peter I, Borgatta L, Johnson KL, Bianchi DW. Circulating cell-free fetal nucleic analysis may be a novel marker of fetomaternal hemorrhage following elective first trimester termination of pregnancy. *Ann N Y Acad Sci* 2004; 1022: 129-34.

Wataganara T, Bianchi DW. Fetal cell-free nucleic acid in the maternal circulation: new clinical applications. *Ann N Y Acad Sci* 2004; 1002: 90-9.

Wataganara T, Peter I, Messerlian G, Borgatta L, Bianchi DW. Inverse correlation between maternal weight and circulating cell-free fetal DNA levels. *Obstet Gynecol* 2004: 104: 545-50.

Khosrotehrani K, **Wataganara T**, Bianchi DW, Johnson KL. Fetal cell-free DNA during pregnancy: a feasibility of a transgenic rodent model. *Hum Reprod* 2004; 19: 2460-4.

Wataganara T. Cell-free fetal DNA in maternal circulation: a novel tool for prenatal diagnosis. *Siriraj Hosp Gaz* 2004; 56: 37-42.

Wataganara T, Titapant V. Management guidelines for preeclampsia. *Siriraj Hosp Gaz* 2004; 56: 604-16.

Wataganara T, Chen AY, LeShane ES, Sullivan LS, Borgatta L, Bianchi DW, Johnson KL. Changes of cell-free fetal DNA in maternal plasma after elective termination of pregnancy. *Clin Chem* 2005: 51: 217-9.

Wataganara T, Gratacos E, Jani J, Becker J, Lewi L, Sullivan LM, Bianchi DW, Deprest JA. Persistent elevation of cell-free fetal DNA levels in maternal plasma following selective laser coagulation of chorionic plate anastomoses in severe mid-gestational twin-twin transfusion syndrome. *Am J Obstet Gynecol* 2005; 192: 604-9.

Wataganara T, Metzenbauer M, Peter I, Johnson KL, Bianchi DW. Placental volume, as measured by three-dimensional sonography, and levels of maternal plasma cell-free fetal DNA. *Am J Obstet Gynecol* 2005; 193: 496-500.

Shayakul C, Ruchutrakool T, Premasthien N, **Wataganara T**. Active lupus and pregnancy: how to handle. *Siriraj Med J* 2005; 57: 225-9.

Rattanachaiyanont M, **Wataganara T**. Management of preeclampsia in preterm pregnancy. *Siriraj Med J* 2005; 57: 427.

Lee Tjoa M, Jani J, Lewi L, Peter I, **Wataganara T**, Johnson KL, et al. Circulating cell-free fetal messenger RNA levels after fetoscopic interventions of complicated pregnancies. *Am J Obstet Gynecol* 2006; 195: 230-5.

Bianchi DW, **Wataganara T**, Lapaire O, Lee Tjoa M, Maron JL, Larrabee PB, et al. Fetal nucleic acids in maternal body fluid: an update. *Ann N Y Acad Sci* 2006; 1075: 63-73.

Wataganara T, Wiwanichayakul B, Ruengwutilert P, Sunsaneevithayakul P, Viboonchart S, Wantanasiri C. Noninvasive diagnosis of fetal anemia and fetal intravascular transfusion therapy: Experiences at Siriraj Hospital. *J Med Assoc Thai* 2006; 89: 1036-43.

Wataganara T, Sutanthaviboon A, Limwongse C. Real-time three dimensional sonographic features of an early third trimester fetus with achondrogenesis. *J Med Assoc Thai* 2006; 89: 1762-5.

Wataganara T. Identification and management of high-risk pregnancies. *Siriraj Med J* 2006; 58: 982-3.

Thanaboonyawat I, **Wataganara T**, Boriboonhiransarn D, Viboonchart S, Tontisirin P. Effect of halogen light in fetal stimulation for fetal well-being assessment. *J Med Assoc Thai* 2006; 89: 1376-80.

Wataganara T, Ngermcham S, Kitsommart R, Fuangtharntip P. Fetal neck myofibroma. *J Med Assoc Thai* 2007; 90: 376-80.

Sutanthavibul A, Wanitpongpan P, Chuchotiro M, **Wataganara T**, Sunsaneevithayakul P, Chanprapaph P, et al. Three-dimensional prenatal ultrasonography of thanatophoric dysplasia: initial experience at Siriraj Hospital. *Siriraj Med J* 2007; 59: 281-8.

Wataganara T, Sutanthaviboon A, Ngermcham S, Vantanasiri C. Three-dimensional power Doppler in the diagnosis and surgical management of thoraco-omphalopagus conjoined twins. *Ultrasound Obstet Gynecol* 2008; 32: 236-7.

Wataganara T, Boriboonhiransarn D, Titapant V, Kanokpongsakdi S, Sunsaneevithayakul P, Vantanasiri C. Maternal body mass index at term does not predict the severity of preeclampsia. *J Med Assoc Thai* 2008; 91: 1166-71.

Wataganara T, Talungjit P, Phithakwatchara N, Swasdimongkol S. Three dimensional sonographic appearances of Chinese ring intrauterine device: a case report and literature review. *Siriraj Med J* 2008; 60: 360-3.

Wataganara T, Kanokpongsakdi S. Changing landscapes of In Utero minimally invasive surgical interventions. *Siriraj Med J* 2008; 60:368-70.

Wataganara T, Leelakusolvong S, Sunsaneevithayakul P, Vantanasiri C. Treatment of severe achalasia during pregnancy with esophagoscopy injection of botulinum toxin A: a case report. *J Perinatol* 2009; 29: 637-9.

Wataganara T, Chanprapaph P, Chuangsuwanich T, Kanokpongsakdi S, Chuenwattana P, Titapant V. Reverse twin-twin transfusion syndrome after fetoscopic laser photocoagulation of chorionic anastomoses: a case report. *Fetal Diagn Ther* 2009; 26: 111-4.

Wataganara T, Triyasunant N, Viboonchart S. Fetal therapy in 2011: a review. *Siriraj Med J* 2011; 63, 97-101.

Wataganara T, Uschararattanasopon P, Phatihattakorn C, Limwongse C, Viboonchart S, Nawapan K. *In Utero* bipolar diathermy to salvage a phenotypically normal fetus in 45,X/46,XY heterokaryotypic monochorionic twins. *Surgical Science* 2012, 3: 100-3.

Wataganara T. Development of fetoscopic and minimally invasive ultrasound guided surgical simulator: Part of global education. *Donald School J Ultrasound Obstet Gynecol* 2013: ----: -----.

Anuwutnavin S, Wanitpongpan P, Chungsomprasong P, Soonswang J, Srisantiroj, **Wataganara T**. Fetal Long QT Syndrome Manifested as Atrioventricular Block and Ventricular Tachycardia: A Case Report and a Review of the Literature. *Pediatr Cardiol* 2013 Dec;34(8):1955-62.

Wataganara T, Sutanthavibul A, Anuwutnawin S, Leelaporn A, Rongrungruang Y. Puerperal retroperitoneal abscess from *Clostridium difficile*: Case report and review literature. *Surg Inf* 2014; 40(4):995-1001.

Prasert Sunsaneevithayakul, Vitaya Titapant, Pornpimol Ruengvutilert, Anuwat Sutantawibul, Chayawat Phatihattakorn, **Tuangsit Wataganara**, Pattarawalai Taluengchit. Relation between gestational weight gain and pregnancy outcome. *J Obstet Gynecol Res* 2014; 40: 995-1001.

Pornsak Satapornteera, Manasanan Raveesunthornkiat, Sanya Sukpanichnant, Trongtum Tongdee, Saowanee Homsud, **Tuangsit Wataganara**. Effects of power and time on ablation size produced by radiofrequency ablation: *In vitro* study in fresh human placenta. *Fetal Diagn Ther* 2015;38(1):41-7.

Wataganara T, Phithakwatchara N, Komoltri C, Tantisirin P, Pooliam J, Titapant V. Functional three-dimensional sonographic study of the postpartum uterus. *J Matern Fetal Neonatal Med.* 2014; 1-7.

Moreira de Sá RA, Nassar de Carvalho PR, Kurjak A, Adra A, Dayyabu AL, Ebrashy A, Pooh R, Sen C, **Wataganara T**, Stanojevic M. Is intrauterine surgery justified? Report from the working group on ultrasound in obstetrics of the World Association of Perinatal Medicine (WAPM). *J Perinat Med.* 2016; 44(7): 737-743.

Pratumvinit B, Wongkrajang P, **Wataganara T**, Hanyongyuth S, Nimmannit A, Chatsiricharoenkul S, Manonukul K, Reesukumal K. Maternal Vitamin D Status and Its Related Factors in Pregnant Women in Bangkok, Thailand. *PLoS One.* 2015 Jul 6;10(7):e0131126. doi: 10.1371/journal.pone.0131126. eCollection 2015.

Aliyu LD, Kurjak A, **Wataganara T**, de Sá RA, Pooh R, Sen C, Ebrashy A, Adra A, Stanojevic M. Ultrasound in Africa: what can really be done? *J Perinat Med.* 2016;44(2): 119-23.

Pooh RK, Maeda K, Kurjak A, Sen C, Ebrashy A, Adra A, Dayyabu AL, **Wataganara T**, de Sá RA, Stanojevic M. 3D/4D sonography - any safety problem. *J Perinat Med*. 2016; 44(2): 125-9.

Ebrashy A, Kurjak A, Adra A, Aliyu LD, **Wataganara T**, Moreira de Sá RA, Pooh R, Sen C, Stanojevic M. Controversial ultrasound findings in mid trimester pregnancy. Evidence based approach. *J Perinat Med*. 2016;44(2):131-7.

Wataganara T, Grunebaum A, Chervenak F, Wielgos M. Delivery modes in case of fetal malformations. *J Perinat Med* 2017; 45(3):273-279.

Wataganara T, Ebrashy A, Aliyu LD, Moreira de Sá RA, Pooh R, Kurjak A, Sen C, Adra A, Stanojevic M. Fetal magnetic resonance imaging and ultrasound: Report of the Working Group on Ultrasound in Obstetrics of the World Association of Perinatal Medicine. *J Perinat Med* 2016; ;44(5):533-42.

Wataganara T. Foetal Magnetic Resonance Imaging. in *Current Progress in Obstetrics and Gynecology* vol 4, John Studd, Seang Lin Tan, Frank A Chervenak, Eds. Tree Life Media 2017, Maharashtra, India. 230-45.

Wataganara T, Bui TH, Choy RKW, Leung TY. Debates on Fetal Fraction Measurement and DNA-based noninvasive prenatal screening: Time for Standardization? *BJOG* 2016 Sep;123 Suppl 3:31-5.

Chumpathong S, Sirithanetbhol S, Salakij B, Visalyaputra S, Parakkamodom S, **Wataganara T**. Maternal and neonatal outcomes in women with severe pre-eclampsia undergoing cesarean section: a 10-year retrospective study from a single tertiary care center: anesthetic point of view. *J Matern Fetal Neonatal Med* 2016;29(24): 4096-100.

Carrapato M, Ferreira Ana, **Wataganara T**. Cesarean section- The Pediatrician's view. *J Matern Fetal Neonatal Med* 2017; 30 (17): 2081-5.

Wataganara T. Editorial; Preeclampsia screening: Combining all the right markers to predict a wrong disease? *Donald School J Ultrasound Obstet Gynecol* 2016; 10 (4): 365-6.

Panchalee T, **Wataganara T**. Double outlet of right ventricle of recipient fetus in severe mid-trimester twin-twin transfusion syndrome. *Donald School J Ultrasound Obstet Gynecol* 2016; 10 (4): 1-2.

Gosavi A, Vijayakumar PD, Ng BS, Loh MH, Tan LG, Johana N, Tan YW, Sandikin D, Su LL, **Wataganara T**, Biswas A, Choolani MA, Mattar CN. Rapid initiation of fetal therapy services with a system of learner-centred training under proctorship: the National University Hospital (Singapore) experience. *Singapore Med J*. 2017; 58 (6): 311-20.

Wataganara T, Nawapun K, Phitakwatchara N. Overview of fetal therapy. *Donald School J Ultrasound Obstet Gynecol* 2016; 10 (4): 387-92.

Manthathi S, Pratumvinit B, Hanyongyuth R, Udompuntharak S, Phaophan A, **Wataganara T**. Circulating free soluble fms-like tyrosine kinase-1 during late first trimester in relation with placental volume as a surrogate for trophoblastic production: a physiology study in low-risk cohort. *J Matern Fetal Neonatal Med*. 2017; 30(16):1976-1983.

Bhuwathanapun M, Pratumvinit B, Lahfahroengron P, Hanyongyuth S, Phaophan A, Pooliam J, **Wataganara T**. Serum-free placental growth factor isoform 1 at 11-13-week gestation: effects of

maternal factors, mean arterial pressure, placental volume, and uterine artery pulsatility index. *J Matern Fetal Neonatal Med.* 2018; 31(21): 2813-9.

Phithakwatchara N, Nawapun K, Panchalee T, Viboonchart S, Mongkolchat N, **Wataganara T.** Current strategy of fetal therapy I: Principles of in-utero treatment, pharmacologic intervention, stem cell transplantation, and gene therapy. *J Fetal Med* 2017; 4: 131-8.

Nawapun K, Phithakwatchara N, Panchalee T, Viboonchart S, Mongkolchat N, **Wataganara T.** Current strategy of fetal therapy II: Invasive fetal interventions. *J Fetal Med* 2017; 4: 139-48.

Wataganara T, Seshadri S, Leung TY, Matter CNZ, Ngercham M, Triyasunant N, et al. Establishing prenatal surgery for myelomeningocele in Asia: the Singapore Consensus. *Fetal Diagn Ther* 2017; 41(3): 161-178.

Wataganara T, Ruengvuttilert P, Sunsaneevithayakul P, Rassameecharoen K, Nawapun K, Phithakwatchara N. Three-dimensional ultrasound for prenatal assessment of conjoined twins: Additional advantages? *J Perinat Med* 2017; 45(7): 895-901.

Wataganara T, Jarunee Leetheeragul, Suchitra Pongprasobchai, Anuwat Sutantawibul, Chayawat Phatihattakorn, Surasak Angsuwathana. Prediction and prevention of preeclampsia in Asian sub-population. *J Obstet Gynecol Res* 2018; 44 (5): 813-30.

Wataganara T, Gosavi A, Nawapun K, Vijayakumar PD, Phithakwatchara N, et al. Model surgical training: skills acquisition in fetoscopic laser photocoagulation of monochorionic diamniotic twin placenta using realistic simulators. *J Visualized Exp* 2018; Mar 21;(133). doi: 10.3791/57328.

Phithakwatchara N, Makarasen P, Nawapun K, Hanamornroongruang S, Viboonchart S, **Wataganara T.** Time and temperature dependence of radiofrequency ablation in the human placenta. *Prenat Diagn.* 2018; 38: 504-10.

Nawapun K, Phithakwatchara N, Jaingam S, Viboonchart S, Mongkolchat N, **Wataganara T.** Advanced Ultrasound for Prenatal Interventions. *Ultrasonography* 2018; 37(3): 200-10.

Iemsawatdikul K, Pacharn P, Jaingam S, Nawapun K, Phithakwatchara N, **Wataganara T.** Current status and future prospects of magnetic resonance imaging in perinatal medicine. *Donald School J Ultrasound Obstet Gynecol* 2018; 12(2): 1-5.

Leetheeragul J, Boriboonhirunsarn D, Reesukumal K, Srisaimanee N, Horrasith S, **Wataganara T.** A retrospective review of on-admission factors on attainment of therapeutic serum concentrations of magnesium sulfate in women treated for a diagnosis of preeclampsia. *J Maternal Fetal Neonatal Med* 2020; 33 (2): 258-66.

Titapant V, Tongdee T, Pooliam J, **Wataganara T.** Retrospective analysis of 113 consecutive cases of placenta accreta spectrum from a single tertiary care center. *J Matern Fetal Neonatal Med* 2020. 33 (19): 3324-31.

Yapan P, Promchirachote C, Yaiyiam C, Rahman S, Pooliam J, **Wataganara T.** Intrapartum prediction of birth weight with simplified algorithmic approach derived from maternal characteristics. *J Perinat Med* 2019; 47 (6); 643-50.

Wataganara T, Viboonchart S, Chumthup W, Chuenwattana P, Pooliam J, Nawapun K, Nisarath Phithakwatchara. Comparison of mannequin training satisfactions for selective fetoscopic laser photocoagulation with conventional box trainer and low-fidelity fetoscopic surgical simulator. *Fetal Diagn Ther* 2020;47(1):84-90.

Chaemsaitong P, Pooh RK, Zheng M, Ma R, Chaityasit N, Tokunaka M, Shaw SSW, Seshadri S, Choolani M, **Wataganara T**, Yeo GSH, Wright A, Leung WC, Sekizawa A, Hu Y, Naruse K, Saito S, Sahota D, Leung TY, Poon LC. Prospective evaluation of screening performance of first trimester prediction models for preterm preeclampsia in an Asian population. *Am J Obstet Gynecol* 2019; 221(6):650.e1-650.e16.

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Yapan P, Thongkloung P, Phaophan A, Yaiyam C, Kamkang P, Thuphairo K, **Wataganara T**. Preeclampsia prediction and prophylaxis in routine first-trimester screening services. *Donald School J Ultrasound Obstet Gynecol* 2020; 14(3):237–244.

Wongsripuemtet P, Sanansilp V, Khumchoei C, Soontarinka S, **Wataganara T**, Chumpathong S. A 13-year Review of Eclampsia and Anesthetic Techniques at a Single Tertiary Care Center. *J Med Assoc Thai* 2021; 104 (4): 576-82.

Kunanon S, Chattranukulchai P, Chotruangnapa C, Kositanurit W, Methavigul K, Boonyasirinant T, Rawdaree P, Tejavaniya S, **Wataganara T**, Satirapoj B, Roubanthisuk W, Suwanwela NC, Sangwatanaroj S, Kunjara Na Ayudhya R, Sitthisook S, Sukonthasarn A. 2019 Thai Guidelines on the Treatment of Hypertension: Executive Summary. *J Med Assoc Thai* 2021; 104 (10): 1729-38.

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Wataganara T, Trigo L, Lapa D. Teaching and training the total percutaneous fetoscopic myelomeningocele repair. *J Perinat Med* 2021; DOI: <https://doi.org/10.1515/jpm-2020-0591>.

Lin TY, **Wataganara T**, Shaw SW. From non-invasive to invasive fetal therapy; A comprehensive review and current update. *Taiwan J Obstet Gynecol* 2021; 60(4):595-601. (equally contributed as first authors)

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Yapan P, Tachawatcharapunya S, Surasereewong S, Thongkloung P, Pooliam J, Poon LC, **Wataganara T**. Uterine artery Doppler indices throughout gestation in women with and without previous Cesarean deliveries; a prospective case-control study. *Sci Rep* 2022. 12(1):20913. doi: 10.1038/s41598-022-25232-z.

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Chaemsaitong P, Biswas M, Lertrut W, Warintaksa P, **Wataganara T**, Poon LCY, Sukasem C. Pharmacogenomics of preeclampsia therapies: Current evidence and future challenges for clinical implementation. *Best Pract Res Clin Obstet Gynaecol* 2023. doi: <https://doi.org/10.1016/j.bpobgyn.2023.102437>.

Theerathananon W, Watanapa WB, **Wataganara T**, Pratumvinit B, Rahman S. Preeclamptic serum and soluble fms-like tyrosine-1 suppress endothelial inward rectifier potassium current. *Placenta* 2024. <https://doi.org/10.1016/j.placenta.2024.01.002>

Leung KY, Bala K, Cho JY, Gokhale S, Kikuchi A, Liang P, Ong CL, Nguyen-Phuoc QB, Wataganara T, Wan YL. Utility and challenges of ultrasound education for medical and allied health students in Asia. *Hong Kong Med J* 2024; 30(1): 75-9.

Sukasem C, Chaemsaithong P, Biswas M, Lertrut W, **Wataganara T**, Poon LC. Genomics and precision medicine: The new approaches to preeclampsia diagnostics and treatment. *Sci Rep* 2024 In press

Grant funding

Faculty of Medicine Siriraj Hospital “Sequential measurements of postpartum uterus using three-dimensional sonography” (21 April 2008 – 20 April 2010)

Faculty of Medicine Siriraj Hospital “Prospective validation of prediction algorithms for preeclampsia in the first-, second- and third-trimesters of pregnancy” (22 October 2017 – today)

Faculty of Medicine Siriraj Hospital “Prospective validation of prediction algorithms for preeclampsia in the first-, second- and third-trimesters of pregnancy” (22 January 2019 – today)

Visiting Scholar

2014-Present National University Hospital Singapore (for fetal therapeutic interventions) (as lecturer and surgeon)

2015-Present Rajvithi Hospital (for fetal therapeutic interventions) (as a surgeon)

Presented Abstracts

Wataganara T, LeShane ES, Farina A, Messerlian GM, Lee T, Canick JA, Bianchi DW. Maternal serum cell-free fetal DNA levels are increased in cases of trisomy 13 but not trisomy 18. *Am J Hum Genet* 2002; 71: 566, 2320.

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Wataganara T, Ngermcham S, Fuangtharntip P. Giant infantile myofibroma of the fetal neck: a case report of fetal magnetic resonance imaging to assist the diagnosis and ex-utero intrapartum therapy (EXIT). The 13th International Conference on Prenatal Diagnosis and Therapy, May 28-31, 2006. Kyoto, Japan

Thanaboonyawat I, **Wataganara T**, Boriboonthiransarn D, Viboonchart S, Tontisirin P. Effect of halogen light in fetal stimulation for fetal well-being assessment. The 14th Congress of the FAOPS 2006, Federation of Asia and Oceania Perinatal Societies, September 2006, Bangkok, Thailand.

Wataganara T, Metzenbauer M, Peter I, Johnson KL, Bianchi DW. Placental volume, as measured by 3-dimensional sonography and levels of maternal plasma cell-free fetal DNA. XVII World Congress of Gynecology and Obstetrics, November 5-10, 2006, Kuala Lumpur, Malaysia.

Wataganara T, Boriboonhirunsarn D, Titapant V, Kanokpongsakdi S, Sunsaneevithayakul P, Vantanasiri C. Maternal body mass index at term does not predict the severity of preeclampsia. ACOG, Tokyo, Japan 2007).

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Wataganara T, Boriboonhirunsarn D, Titapant V, Kanokpongsakdi S, Sunsaneevithayakul P, Vantanasiri C. Maternal body mass index at term does not predict the severity of preeclampsia. At The 11th World Congress on Obstetrics, Gynaecology, and Infertility, November 27-30, 2008, Paris, France

Wataganara T. “Minimally invasive fetal surgeries: current status in Thailand” . At The 2009 Asia and Oceanic Congress of Obstetrics and Gynecology in conjunction with the 2009 Annual Scientific meeting of The Royal Australian and New Zealand College of Obstetricians and Gynaecologists, March 26-30, 2009, Auckland, New Zealand

Wataganara T, Chanprapaph P, Chuangsuwanich T, Kanokpongsakdi S, Chuenwattana P, Titapant V. Reverse twin-twin transfusion syndrome after fetoscopic laser photocoagulation of chorionic anastomosis: a case report. 19th World Congress on Ultrasound in Obstetrics and Gynecology, September 13-17, 2009, Hamburg, Germany

Wataganara T, Uschararattanasopon, P, Phatihattakorn C, Limwongse C, Viboonchart S, Nawapan K. Early onset of polyhydramnios in 45,X/46,XY monochorionic twins successfully managed with *in utero* bipolar diathermy: a case report. 9th World Congress in Fetal Medicine, June 20-24, 2010, Rhodes, Greece.

Wataganara T, Leelaporn A, Rongrungruang Y, Anuwutnavin S. Successful conservative surgery for severe Clostridium pelvic infection: a case report. 1st Global Congress of Maternal and Infant Health, September 22-26, 2010, Barcelona, Spain.

Wataganara T, Pitakwatchara N, Komoltri J, Pooliam J, Tantisirin P, Laiwejpithaya S, Titapant V. Sequential three-dimensional sonographic studies of postpartum uterine involution. 20th World Congress on Ultrasound in Obstetrics and Gynecology, October 10-14, 2010, Prague, Czech Republic.

Tuangsit Wataganara, Bussadee Pratumvinit, Jarunee Leetheerakul, Suchitra Pongprasobchai, Piyaporn Lahfahroengron, Julaporn Pooliam. Nomogram of circulating soluble fms-like tyrosine kinase-1 and placental growth factor in normotensive Thai pregnant women. ESH: European Meeting on Hypertension and Cardiovascular Prevention, June 17-20, 2011, Milan, Italy.

Tuangsit Wataganara, Wangcha Chumthup, Sommai Viboonchart. Siriraj fetoscopic surgical simulator: A prototype, The Annual Scientific Conference Royal College of Thai Obstetricians and Gynecologists, October 5, 2011, Hua Hin, Thailand

Porntep Tanyut, Pornpimol Ruengwuttillert, **Tuangsit Wataganara**, Suchada Riolueang, Nunthawut Chat-Uthai, Waraporn Glomglao, Chompunut Kanjanakorn, Chanin Limwongse, Vip Viprakasit. A new prenatal diagnostic strategy for detection of Hb Bart's hydrops fetalis using chorionic villous DNAs in early pregnancy. The 3rd Asia Pacific Iron Academy Conference. November 3-4, 2012, The Grand Hotel, Taipei, Taiwan.

Porntep Tanyut, Nuntawut Chat-Uthai, **Tuangsit Wataganara**, Pornpimol Ruengwuttillert, Vip Viprakasit. Rapid detection of common α -thalassemia deletions found in Asia using a single-step multiplex-real-time PCR analysis followed by a melting curve analysis. The 3rd Asia Pacific Iron Academy Conference. November 3-4, 2012, The Grand Hotel, Taipei, Taiwan.

Tuangsit Wataganara. First trimester scanning. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Tuangsit Wataganara. Fetal therapy: An overview. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Tuangsit Wataganara. Reducing risk in multiple pregnancies. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Tuangsit Wataganara. Fetal ultrasound and MRI; Competing or coalescing? In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Tuangsit Wataganara. 3D scan in gynecology. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Jarupim Soongswang, **Tuangsit Wataganara**. Fetal arrhythmia. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Pornsak Satapornteera, Sanitra Anuwutnavin, **Tuangsit Wataganara**. Prenatal imagings of Klippel-Trénaunay-Weber syndrome: A case report. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Jiraporn Luengmettakul, **Tuangsit Wataganara**. Fetal cystoscopy with laser ablation of posterior urethral valve: A case report.. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Suphang Chawengsettakul, **Tuangsit Wataganara**, Nattinee Srisantiroj. Isolated massive fetal pericardial effusion successfully treated with pericardiocentesis: Case report. In *Siriraj Med J* for the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

Nisarath Phithakwatchara, Katika Nawapun, Suparat Jaingam, Julaporn Pooliam, **Tuangsit Wataganara**. Predictors of shoulder dystocia: A retrospective case-control study. September 5-8, 2018 at XXVI

European Congress of Perinatal Medicine at Park Inn by Radisson Pribaltiyskaya Hotel & Congress Center, St. Petersburg, Russia

Vitaya Titapant, Trongtam Tongdee, Julaporn Pooliam, **Tuangsit Wataganara**. A retrospective descriptive analysis of 113 consecutive cases of morbidly adherent placenta' September 5-8, 2018 at XXVI European Congress of Perinatal Medicine at Park Inn by Radisson Pribaltiyskaya Hotel & Congress Center, St. Petersburg, Russia

Piengbulan Yapan, Chirameth Promchirachote, Chutima Yaiyiam, Suraiya Rahman, Julaporn Pooliam, **Tuangsit Wataganara**. 'Intrapartum prediction of birth weight with simplified algorithmic approach derived from maternal characteristics' June 25-29, 2019 at the 18th World Congress in Fetal Medicine, Alicante, Spain.

Tuangsit Wataganara, Sommai Viboonchart, Wangcha Chumthup, Prakong Chuenwattana, Julaporn Pooliam, Katika Nawapun, Nisarath Phithakwatchara. 'Comparison of mannequin training satisfactions for selective fetoscopic laser photocoagulation with conventional box trainer and low-fidelity fetoscopic surgical simulator' June 25-29, 2019 at the 18th World Congress in Fetal Medicine, Alicante, Spain.

Yapan P, Promchirachote C, Yaiyiam C, Rahman S, Pooliam J, **Wataganara T**. Intrapartum prediction of birth weight with simplified algorithmic approach derived from maternal characteristics. August 8-9, 2019 at the Princess Chulabhorn International Oncology Conference 2019, Centara Grand Hotel @ Central World, Bangkok, Thailand

Tuangsit Wataganara, Nisarath Phithakwatchara, Julaporn Pooliam, Nadda Mongkolchat, Sommai Viboonchart, Katika Nawapun. 'Sono-angioarchitectures of twin reversed arterial perfusion sequence' February 3-8, 2020 at the 40th Society of Maternal-Fetal Medicine (SMFM)'s Annual Meeting (the Pregnancy Meeting™), Gaylord Texan Resort and Conference Center in Grapevine, Texas, USA.

Piengbulan Yapan, Suphaphon Tachawatcharapunya, Supitchaya Surasereewong, Piyatida Thongkloung, Julaporn Pooliam, Liona C Poon, **Tuangsit Wataganara**. "Longitudinal study of uterine artery Doppler indices throughout gestation in women with and without previous Cesarean delivery" The ISUOG Virtual Congress. October 15-17, 2021.

Noppadol Chaiyasit, Daljit S. Sahota, Runmei Ma, Mahesh Choolani, **Tuangsit Wataganara**, Wen Shan Sim, Piya Chaemsaitong, Liona C. Poon. "Maternal serum soluble fms-like tyrosine kinase-1 at 11-14 weeks' gestation in screening for preeclampsia" The ISUOG Virtual Congress. October 15-17, 2021.

Nisarath Phithakwatchara, Katika Nawapun, Suparat Jaingam, Julaporn Pooliam, **Tuangsit Wataganara**. Predictors of shoulder dystocia: A retrospective case-control study. Siriraj International Conference in Medicine and Public Health 2022 (SICMPH 2022). August 3-5, 2022.

Piengbulan Yapan, Suphaphon Tachawatcharapunya, Supitchaya Surasereewong, Piyatida Thongkloung, Julaporn Pooliam, Liona C Poon, **Tuangsit Wataganara**. "Longitudinal study of uterine artery Doppler indices throughout gestation in women with and without previous Cesarean delivery" Siriraj International Conference in Medicine and Public Health 2022 (SICMPH 2022). August 3-5, 2022.

Tuangsit Wataganara, Nisarath Phithakwatchara Yamaphai, Katika Nawapun, Kanokwarun Wattananirun, Sommai Viboonchart, Suparat Jaingam, Julaporn Pooliam. "Early unfavorable outcomes of mid-trimester umbilical vessels occlusion for complicated monochorionic twins: Experiences from a single operator" the 40th Annual International Fetal Medicine and Surgery Society (IFMSS) Conference. September 4-9, 2023, Visby-Stockholm, Sweden.

Oral Presentations at International Meetings

2002

“Maternal serum cell-free fetal DNA levels are increased in cases of trisomy 13 but not trisomy 18”, 13th Fetal Cell Workshop, October 15, 2002, Baltimore, VA U.S.A.

2003

“Gamma globin gene expression levels in archived plasma following elective first trimester termination of pregnancy” Circulating Nucleic Acids in Plasma and Serum and Serum Proteomics Meeting III (CNAPS III), November 11, 2003, Santa Monica, CA U.S.A. (Won the best young investigator award)

“Fetal DNA in preeclampsia: a multiple hit hypothesis” Circulating Nucleic Acids in Plasma and Serum and Serum Proteomics Meeting III (CNAPS III), November 11, 2003, Santa Monica, CA U.S.A.

2004

“Placental Volume Measured by Three-Dimensional Sonography Does Not Predict Levels of Maternal Plasma Cell-Free Fetal DNA during the First Trimester” at Annual Meeting of the American Society of Human Genetics, October 27, 2004, Toronto, Canada

2008

“Maternal body mass index at term does not predict the severity of preeclampsia” The 11th World Congress on Obstetrics, Gynaecology, and Infertility, November 27-30, 2008, Paris, France

2009

“Fetoscopic interventions: current status in Thailand” The 2009 Asia and Oceanic Congress of Obstetrics and Gynecology in conjunction with the 2009 Annual Scientific meeting of The Royal Australian and New Zealand College of Obstetricians and Gynaecologists, March 26-30, 2009, Auckland, New Zealand

“Minimally invasive fetal surgeries” The 7th Singapore International Congress of Obstetrics and Gynecology. August 26-29, 2009, Marina Mandarin Hotel, Singapore

2010

“Impacts of smoking on women’s health” The 1st International Congress on Women’s Health and Unsafe Abortion. January 20-23, 2010, Imperial Queen’s Park Hotel Bangkok, Thailand

“Noninvasive fetal diagnosis of severe thalassemia disease using cell-free DNA in maternal circulation” The 16 National Thalassemia Congress and 9th World Thalassemia day, September 12-14, 2010, Miracle Grand Hotel, Bangkok

“Successful conservative surgery for severe Clostridium pelvic infection: a case report”. 1st Global Congress of Maternal and Infant Health, September 22-26, 2010, Barcelona, Spain.

“Embracing serum biomarkers in clinical management of preeclampsia” September 28, 2010, National University of Singapore, Singapore

“Sequential three-dimensional sonographic studies of postpartum uterine involution”. The 20th World Congress on Ultrasound in Obstetrics and Gynecology, October 10-14, 2010, Prague, Czech Republic (Oral poster)

“Serum angiogenic factors; how to use it wisely?” The 6th Asia Pacific Conference on Maternal Fetal Medicine, October 28-31, 2010, Shanghai, China.

2011

“Analyses of circulating fetal sequences in maternal blood; The evolution” The 12th Asian and Oceanic Congress of Obstetrics and Gynecology, September 23-27, 2011, Taipei, Taiwan.

“How to reduce an anomalous fetus in monochorionic twin pregnancies?” The 4th Asia Pacific Congress on Controversies in Obstetrics Gynecology and Infertility (COGI): Building Consensus in Gynecology, Infertility, and Perinatology (BCGIP), November 24-27, 2011, Bangkok, Thailand

“CMV infection in pregnancy: What is better for fetal evaluation?” The 4th Asia Pacific Congress on Controversies in Obstetrics Gynecology and Infertility (COGI): Building Consensus in Gynecology, Infertility, and Perinatology (BCGIP), November 24-27, 2011, Bangkok, Thailand

“Noninvasive prenatal screening: Maternal cell-free DNA markers” The 4th Asia Pacific Congress on Controversies in Obstetrics Gynecology and Infertility (COGI): Building Consensus in Gynecology, Infertility, and Perinatology (BCGIP), November 24-27, 2011, Bangkok, Thailand

“Diagnosis of congenital anomalies: What is better ? MRI or sonography ?” The 4th Asia Pacific Congress on Controversies in Obstetrics Gynecology and Infertility (COGI): Building Consensus in Gynecology, Infertility, and Perinatology (BCGIP), November 24-27, 2011, Bangkok, Thailand

“Applications of preeclampsia screening test in regimen of management of high risk pregnancies” The 5th Annual Seminar on Prenatal, Newborn Screening and Diagnosis, December 9, 2011, Ho Chi Minh City, Vietnam

2012

“Fetal Therapy: Time for Training” Fetal Medicine Teleconference in conjunction with APAN, February 15, 2012, Bangkok, Thailand

“Fetoscopic surgery for twin-twin transfusion syndrome: Hands-on workshop” Department of Obstetrics and Gynecology, National University of Singapore, February 27, 2012, Singapore.

“Advances in preeclampsia diagnosis-Prevention and treatment in high-risk pregnancies” at InterContinental Asiana Saigon Hotel, Ho Chi Minh City, April 21, 2012, Vietnam.

“Serum angiogenic markers for preeclampsia: Early adopter meeting”. Leipzig University Hospital, May 23, 2012, Germany

“Avoiding and managing complications of fetoscopic surgery” at the 2nd Workshop on Fetoscopy, Fetal Therapy Center, Asan Medical Center, July 7-8, 2012, Seoul, Korea

“Lack of correlation between placental weight and circulating soluble fms-like tyrosine kinase-1 and placental growth factor suggest trophoblastic activity as a major contributor to the serum pool” at the 18th

International Society for the Study of Hypertension in Pregnancy (ISSHP) World Congress, July 9-12, 2012, Geneva, Switzerland

Prediction of hypertensive disorders in pregnancy “Investing in the prediction of pre-eclampsia is futile since there is no effective treatment” at the 16th World Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), July 19-22, 2012, Singapore

“Fetal intrathoracic lesions“ at Fetal Teleconference embedded in APAN meeting , August 29, 2012, Sri Lanka

“Comparison between traditional model and novel fetoscopic surgical simulator in training for laser placental dichorionization” at the 22nd World Congress on Ultrasound in Obstetrics and Gynecology, September 9-12, 2012, Copenhagen, Denmark

“Does painless labor improve maternal and fetal outcomes?” at the 1st International Siriraj Acute Pain Management Conference, Theme “Multidisciplinary Acute Pain Management toward Healthy Thai Society”, September 22, 2012, Prince Palace Hotel, Bangkok, Thailand.

“Painless labor, what system should be done?” at the 1st International Siriraj Acute Pain Management Conference, Theme “Multidisciplinary Acute Pain Management toward Healthy Thai Society”, September 22, 2012, Prince Palace Hotel, Bangkok, Thailand.

“Obstetrics & anesthetic problems during painless labor (systematic case discussion)” at the 1st International Siriraj Acute Pain Management Conference, Theme “Multidisciplinary Acute Pain Management toward Healthy Thai Society”, September 22, 2012, Prince Palace Hotel, Bangkok, Thailand.

First General Assembly of World Organization of Trainees in Obstetrics and Gynecology (WATOG) under the patronage of the Federation of International Gynecology and Obstetrics (FIGO), October 7-10, 2012, Fiera Roma, Rome, Italy

“Screening for preeclampsia: Is it ready for the primetime yet?” at the 8th Asia Pacific Congress in Maternal-Fetal Medicine, November 3-4, 2012, The Langham Hotel, Hong Kong, Tsim Sha Tsui

2013

“Live demonstration: 1st trimester scan” at the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

“Fetal therapy: An overview” at the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

“Reducing risk in multiple pregnancies” at the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

“Fetal ultrasound and MRI; Competing or coalescing?” at the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

“3D scan in gynecology” at the 1st Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, March 27-29, 2013, Bangkok, Thailand

“Transcervical and transabdominal chorionic villous sampling: Tricks of the trade” at the 11th World Congress of Perinatal Medicine, June 19-22, 2013, Moscow, Russia

“Fetal bladder outlet obstruction” at Fetal Teleconference embedded in APAN meeting, August 21, 2013, National University of Singapore, Singapore

“Workshop on fetoscopic laser surgery in twin-twin transfusion syndrome” August 21, 2013, National University of Singapore, Singapore

“How to avoid and manage complications of fetoscopic surgery” at the 9th Singapore International Congress of Obstetrics and Gynecology, August 22, 2013, Raffles City Convention Center, Singapore.

“New insight into screening of preeclampsia” at the 9th Singapore International Congress of Obstetrics and Gynecology, August 22, 2013, Raffles City Convention Center, Singapore.

“Serum biomarkers and screening for preeclampsia” September 21, 2013, Hong Kong

“Fetal therapy: Current updates” at the 23rd Asian and Oceanic Congress of Obstetrics and Gynecology, October 21, 2013, Centara Grand & Bangkok Convention Centre at Central World, Bangkok, Thailand

“Reducing risks in multiple pregnancies” at the 23rd Asian and Oceanic Congress of Obstetrics and Gynecology, October 21, 2013, Centara Grand & Bangkok Convention Centre at Central World, Bangkok, Thailand

“Development of Fetoscopic and Minimally Invasive Ultrasound Guided Surgical Simulator - Part of Global Education?” at the 2nd Global Congress of Ian Donald School, November 1, 2013, Rixos Liberta Hotel, Dubrovnik, Croatia

“Harmonious application of fetal ultrasound and MRI” at the 2nd Global Congress of Ian Donald School, November 2, 2013, Rixos Liberta Hotel, Dubrovnik, Croatia

“Complicated monochorionic twins” at the 2nd Global Congress of Ian Donald School, November 2, 2013, Rixos Liberta Hotel, Dubrovnik, Croatia

“Fetal MRI” at Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, November 5-6, 2013, Budva, Montenegro

“Fetal therapy” at Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, November 5-6, 2013, Budva, Montenegro

2014

“Non-invasive prenatal testing” at Ian Donald International Seminar on Obstetrical and Gynecological Ultrasound, March 6, 2014, University of Lahore, Pakistan

“Screening of preeclampsia” at Ian Donald International Seminar on Obstetrical and Gynecological Ultrasound, March 6, 2014, University of Lahore, Pakistan

“Fetal therapeutic interventions” at Ian Donald International Seminar on Obstetrical and Gynecological Ultrasound, March 6, 2014, University of Lahore, Pakistan

“Non-invasive prenatal testing (NIPT) using next generation single nucleotide polymorphisms (SNPs)” at 2014 Annual Scientific Conference of Taiwan Association of Obstetrics and Gynecology, March 8, 2014, Taipei, Taiwan

“Our unborn patient: How advanced genomic diagnosis and fetal intervention have personalized the fetal care?” at International Symposium on Prenatal Diagnosis “Prenatal Diagnosis in Japan and overseas countries” March 14, 2014 at Toshi Center Hotel, Tokyo, Japan.

“Laser coagulation for complicated monochorionic twins: A review of 103 consecutive cases” at Fetal Teleconference. August 13, 2014 at Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Second trimester screening for preeclampsia” at 10th Asia Pacific Congress in Maternal Fetal Medicine, August 22, 2014 at Suntec Singapore Convention and Exhibition Center, Singapore

“Fetal therapy in Asia: Critical looking into the future” at 10th Asia Pacific Congress in Maternal Fetal Medicine, August 23, 2014 at Suntec Singapore Convention and Exhibition Center, Singapore

“Embracing SNP-base non-invasive prenatal testing (NIPT) in your clinical practice” at 10th Asia Pacific Congress in Maternal Fetal Medicine, August 24, 2014 at Suntec Singapore Convention and Exhibition Center, Singapore

“Short term prediction of preeclampsia: How can it improve perinatal mortality?” at 8th World Congress of Perinatal Medicine in Developing Countries “A healthy mother procreates the future” September 5, 2014 at Moon Palace Convention Center, Cancun, Mexico

“Non-invasive Prenatal Testing (NIPT): Different platforms, different results?” at 89th SIGO (Italian Society of Gynecology and Obstetrics) National Congress, September 29, 2014 in Cagliari, Italy.

“Recent Advances in Ultrasound Diagnostics” at Ian Donald School Course, October 18-28, 2014, Dubrovnik, Croatia

“Fetal posterior urethral valve: Small lesion big consequences” at the 6th Asia Pacific Congress on Controversy in Gynecology, Infertility & Ultrasound. November 21, 2014, Ho Chi Minh City, Vietnam

“Fetal tumors: *In utero* treatment dilemmas” at the 6th Asia Pacific Congress on Controversy in Gynecology, Infertility & Ultrasound. November 22, 2014, Ho Chi Minh City, Vietnam

“Harmonious use of fetal ultrasound and MRI” at the 6th Asia Pacific Congress on Controversy in Gynecology, Infertility & Ultrasound. November 22, 2014, Ho Chi Minh City, Vietnam

“Fetal pericardial effusion” at the 6th Asia Pacific Congress on Controversy in Gynecology, Infertility & Ultrasound. November 22, 2014, Ho Chi Minh City, Vietnam

“Fetal therapy: Critical looking into the future” at the 16th Japan Ian Donald Course, November 30, 2014, Kagawa, Japan

“Embracing SNP-based NIPT in your clinical practice” at Annual Meeting of Taiwan Society of Perinatology, December 12, 2014, Taipei, Taiwan

2015

“Changing paradigm of prenatal genetic diagnosis in NIPT era” at NIPT Forum and 2nd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, February 4-6, 2015, Asia Hotel, Bangkok, Thailand

“*In utero* surgical interventions in complicated monochorionic twins” at NIPT Forum and 2nd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, February 4-6, 2015, Asia Hotel, Bangkok, Thailand

“Posterior urethral valve: Small lesions BIG problems” at NIPT Forum and 2nd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, February 4-6, 2015, Asia Hotel, Bangkok, Thailand

“Fetal tumors: Management dilemmas” at NIPT Forum and 2nd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, February 4-6, 2015, Asia Hotel, Bangkok, Thailand

“Protocol-management of pre-eclampsia and eclampsia” at the 11th Myanmar Obstetrical and Gynecological Conference.(AOFOG Educational Session), February 21, 2015, Chatrium Hotel Yangon, Myanmar

“Series of fetal intrathoracic interventions” at Fetal Teleconference. March 3, 2015 at Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Laser versus shunting for fetal bladder outflow obstruction” at the 1st Asia Pacific Symposium on Fetal Therapy, March 22, 2015, Postgraduate Education Center, Prince of Wales Hospital, Hong Kong

“When to use steroids for prevention of fetal arrhythmias” at the 1st Asia Pacific Symposium on Fetal Therapy, March 22, 2015, Postgraduate Education Center, Prince of Wales Hospital, Hong Kong

“Screening for preeclampsia: Is it ready for routine clinical use” at 21st COGI Congress, May 9, 2015, Shangri-la Hotel, Guilin, China

“Screening for preeclampsia” at Roche Diagnostic Internal Meeting, May 26, 2015, at Sheraton Tower Hotel, Singapore

“Fetoscopy” at the XXIV Asian and Oceanic Congress of Obstetrics and Gynaecology, June 4, 2015, at Borneo Convention Centre Kuching, Malaysia

“Non-invasive prenatal testing” at Joint Conference in Medical Science, June 6, 2015, at Centara Grand and Bangkok Convention Center, Bangkok, THAILAND

“Fetal magnetic resonance imaging” June 17, 2015, at Global Congress Ian Donald School of Ultrasound in Medicine, Cagliari, Italy

“Three-dimensional fetal ultrasound: The essentials” June 27, 2015 at Myanmar Society of Radiology (sponsored lecture by Mindray), Yangon, Myanmar

“Twins and fetal therapy” June 27, 2015 at Myanmar Society of Radiology (sponsored lecture by Mindray), Yangon, Myanmar

“Three-dimensional ultrasound in gynecology” June 28, 2015 at Myanmar Society of Radiology (sponsored lecture by Mindray), Yangon, Myanmar

“Fetal growth restriction: Current evidence” August 21, 2015 at Asia-Oceania Federation of Obstetricians and Gynecologists (AOFOC) session at the 10th Singapore International Congress of Obstetrics and Gynecology, Raffles City Convention Center, Singapore

“Fetal urinary tract obstruction” August 21, 2015 at Asia-Oceania Federation of Obstetricians and Gynecologists (AOFOC) session at the 10th Singapore International Congress of Obstetrics and Gynecology, Raffles City Convention Center, Singapore

“Severe congenital diaphragmatic hernia and fetal tracheal occlusion” August 22, 2015 at Asia-Oceania Federation of Obstetricians and Gynecologists (AOFOC) session at the 10th Singapore International Congress of Obstetrics and Gynecology, Raffles City Convention Center, Singapore

“Ultrasound in gynecologic malignancies: The basics” September 1, 2015 at 4th Update Course on Obstetric Ultrasound, Yak and Yeti Hotel, Kathmandu, Nepal

“3D Ultrasound in Obstetrics” September 1, 2015 at 4th Update Course on Obstetric Ultrasound, Yak and Yeti Hotel, Kathmandu, Nepal

“Complicated Monochorionic Twins” September 2, 2015 at 4th Update Course on Obstetric Ultrasound, Yak and Yeti Hotel, Kathmandu, Nepal

“Harmonious use of fetal ultrasound and MRI” September 12, 2015 at Advances in Perinatal Medicine Course, Geneva, Switzerland

“Fetal lung lesions and congenital diaphragmatic hernia” September 12, 2015 at Advances in Perinatal Medicine Course, Geneva, Switzerland

“Fetal tumor; Management dilemmas” September 13, 2015 at Advances in Perinatal Medicine Course, Geneva, Switzerland

“Management of complicated monochorionic twins” September 13, 2015 at Advances in Perinatal Medicine Course, Geneva, Switzerland

“Challenges of Ultrasound in Fetal Intervention” September 19, 2015 at 1st APAC WHC Ultrasound Medical Advisory Board Meeting, Tokyo, Japan

“Techniques of laser in complicated monochorionic twins” October 1, 2015 at the 1st Thailand International Fetoscopy Workshop, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Future applications of fetoscopy” October 1, 2015 at the 1st Thailand International Fetoscopy Workshop, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Managing complications of fetoscopy” October 1, 2015 at the 1st Thailand International Fetoscopy Workshop, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Fetal Therapy” October 20, 2015 at International Session (AEC+5), RCOG Annual Meeting commemorate with the 60th Royal Birthday of the H.R.H Princess Maha Chakri Sirindhorn, Dusit Thani Hotel, Pattaya, Bangkok, Thailand

“Screening and prevention of fetal growth restriction” October 30, 2015 at International Congress on Fetal Growth Restriction, HCMC, Vietnam

“Minimally invasive fetal intervention” October 31, 2015 at 3rd International Medical Seminar- Hahn Phuc International Hospital, HCMC, Vietnam

“Management of complicated monochorionic twins” October 31, 2015 at 3rd International Medical Seminar- Hahn Phuc International Hospital, HCMC, Vietnam

“Fetal Urology” November 21, 2015 at Fetal Ultrasound Workshop (sponsored by GE), Duxton Hotel, HCMC, Vietnam

“Selective fetal growth restriction” November 21, 2015 at Fetal Ultrasound Workshop (sponsored by GE), Duxton Hotel, HCMC, Vietnam

“Fetal intrathoracic lesions and congenital diaphragmatic hernia” November 21, 2015 at Fetal Ultrasound Workshop (sponsored by GE), Duxton Hotel, HCMC, Vietnam

“How to prevent primary Cesarean section: Panelist discussion” November 26, 2015 at 2015 Philippine Obstetrical and Gynecological Society (POGS) at Philippine International Convention Center (PICC), Manila, Philippines

“Prediction of preterm delivery with ultrasound and serum biochemical markers” November 27, 2015 at 2015 Philippine Obstetrical and Gynecological Society (POGS) at Philippine International Convention Center (PICC), Manila, Philippines

“Progesterone therapy of preterm labor” November 27, 2015 at 2015 Philippine Obstetrical and Gynecological Society (POGS) at Philippine International Convention Center (PICC), Manila, Philippines

“Fetal MRI; When literature reviews meet clinical practice” November 28, 2015 at 11th Asia Pacific Congress of Maternal Fetal Medicine, Sheraton Taipei Hotel, Taipei, Taiwan

“Debate: Is fetal fraction measurement necessary for NIPT?” November 28, 2015 at 11th Asia Pacific Congress of Maternal Fetal Medicine, Sheraton Taipei Hotel, Taipei, Taiwan

“Second trimester screening of preeclampsia” November 29, 2015 at 11th Asia Pacific Congress of Maternal Fetal Medicine, Sheraton Taipei Hotel, Taipei, Taiwan

2016

“Ectopic pregnancy” January 13, 2016 at 2016 All India Congress of Obstetrics and Gynecology (AICOG), Kalakriti Grounds, Agra, India

“Training in invasive fetal procedures: Bangkok experiences” January 14, 2016 at 2016 All India Congress of Obstetrics and Gynecology (AICOG), Kalakriti Grounds, Agra, India

“Selective fetal growth restriction” January 6, 2016 at APAN Fetus Network, Teleconference, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Controversies in DNA-Based Fetal Aneuploidies Screening Practical Points” March 4, 2016, 6th International Conference on Obstetrics, Fetal Medicine and Gynaecology “Integration Into Clinical Practice”. at Hyatt Regency Dubai Creek Heights Hotel, Dubai, United Arab Emirates (UAE)

“Panel Discussion: DNA-Based Fetal Aneuploidy Screening” March 4, 2016, 6th International Conference on Obstetrics, Fetal Medicine and Gynaecology “Integration Into Clinical Practice”. at Hyatt Regency Dubai Creek Heights Hotel, Dubai, United Arab Emirates (UAE)

“Screening for Pre-eclampsia - First or Second Trimester “ March 5, 2016, 6th International Conference on Obstetrics, Fetal Medicine and Gynaecology “Integration Into Clinical Practice”. at Hyatt Regency Dubai Creek Heights Hotel, Dubai, United Arab Emirates (UAE)

“Basic knowledge for DNA-based prenatal aneuploidy screening: Different platforms, Different results?” March 5, 2016, 6th International Conference on Obstetrics, Fetal Medicine and Gynaecology “Integration Into Clinical Practice”. at Hyatt Regency Dubai Creek Heights Hotel, Dubai, United Arab Emirates (UAE)

“Fetal tumor: Management dilemmas” April 7, 2016 at Mediscan, Chennai, India

Keynote Address “Fetal Medicine: the New Horizon” April 9, 2016, FERTOOG SUMMIT 2016, “Frontiers in Women’s Health” at Kovai Medical Center & Hospital Coimbatore, Tamilnadu, India.

“Fetal growth restriction: Diagnosis & decisions to deliver” April 9, 2016, FERTOOG SUMMIT 2016, “Frontiers in Women’s Health” at Kovai Medical Center & Hospital Coimbatore, Tamilnadu, India.

“Management of fetoscopic complications” April 16, 2016, 2nd Asia Pacific Conference on Fetal Therapy at National University Hospital System, Singapore.

“Early diagnosis of fetal congenital diaphragmatic hernia” April 17, 2016, 2nd Asia Pacific Conference on Fetal Therapy at National University Hospital System, Singapore.

“Fetal bladder outlet obstruction: Fetoscopic laser ablation is superior to shunting” April 17, 2016, 2nd Asia Pacific Conference on Fetal Therapy at National University Hospital System, Singapore.

“Fetoscopy simulation hands on workshop” April 18, 2016, 2nd Asia Pacific Conference on Fetal Therapy at National University Hospital System, Singapore.

“Prenatal therapy in neural tube defect” April 22, 2016, 23rd Regional Congress of the Perinatal Society of Malaysia, Theme “Congenital Malformations-Improving the Odds” at The Royale Chulan Hotel Kuala Lumpur, Malaysia

Keynote Address “Frontiers in Foetal Therapy” April 24, 2016, 23rd Regional Congress of the Perinatal Society of Malaysia, Theme “Congenital Malformations-Improving the Odds” at The Royale Chulan Hotel Kuala Lumpur, Malaysia

“Innovation of treatments; Foetoscopic procedures” April 24, 2016, 23rd Regional Congress of the Perinatal Society of Malaysia, Theme “Congenital Malformations-Improving the Odds” at The Royale Chulan Hotel Kuala Lumpur, Malaysia

“Fetal therapy; Paragon or Pariah in 21st century” May 15, 2016 at 4th Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, Lahore, Pakistan

“Preeclampsia screening: Different strategies for different resource setting” May 15, 2016 at 4th Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, Lahore, Pakistan

“Fetal growth restriction: Strategized management” May 16, 2016 at 4th Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, Lahore, Pakistan

“Ectopic pregnancy: Essential imaging techniques” May 16, 2016 at 4th Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology, Lahore, Pakistan

“Fetal tumor: Management dilemmas” June 2, 2016 at Pentamed Postgraduate Course “Quest for Excellence in Ob-Gyn” at Crowne Plaza Galleria Manila, Manila, Philippines

“Fetal intrathoracic lesions and congenital diaphragmatic hernia” June 2, 2016 at Pentamed Postgraduate Course “Quest for Excellence in Ob-Gyn” at Crowne Plaza Galleria Manila, Manila, Philippines

“Twin-twin transfusion syndrome” June 2, 2016 at Pentamed Postgraduate Course “Quest for Excellence in Ob-Gyn” at Crowne Plaza Galleria Manila, Manila, Philippines

“Twin Anemia-Polycythemia Sequence: Experiences from a tertiary fetal care center” August 3, 2016 at APAN Fetus Network, Teleconference, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Fetal Neurosonogram” August 10, 2016 at 22nd POGI, ALILA Hotel, Solo, Indonesia

“Placenta percreta: Surgical management” August 11, 2016 at 22nd POGI (Indonesian Society of Obstetricians and Gynecologists), ALILA Hotel, Solo, Indonesia

“Updates in fetal therapy” August 11, 2016 at 22nd POGI POGI (Indonesian Society of Obstetricians and Gynecologists), ALILA Hotel, Solo, Indonesia

“Non-invasive prenatal testing” August 11, 2016 at 22nd POGI POGI (Indonesian Society of Obstetricians and Gynecologists), ALILA Hotel, Solo, Indonesia

“Fetal ventriculomegaly” August 20, 2016 at the 1st Hong Kong Ian Donald Neuroscan Course, Chinese University of Hong Kong, Hong Kong

“Dandy Walker Malformation” August 20, 2016 at the 1st Hong Kong Ian Donald Neuroscan Course, Chinese University of Hong Kong, Hong Kong

“Adding dimensions for a better clinical decision in management of twins’ August 20, 2016 Dinner symposium jointly organized by Hong Kong Society of Radiology and Hong Kong O&G Society, Hong Kong

“Fetal brain tumor” August 21, 2016 at the 1st Hong Kong Ian Donald Neuroscan Course, Chinese University of Hong Kong, Hong Kong

“Fetal MRI for central nervous system abnormalities” August 21, 2016 at the 1st Hong Kong Ian Donald Neuroscan Course, Chinese University of Hong Kong, Hong Kong

“Controversies in DNA-based prenatal screening for aneuploidies; Practical points” August 27, 2016 at the 2nd Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology, Chung-An University Medical School, Seoul, Korea

“Screening for preeclampsia: 1st or 2nd trimester?” August 27, 2016 at the 2nd Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology, Chung-An University Medical School, Seoul, Korea

“Fetal lung lesions and congenital diaphragmatic hernia” August 28, 2016 at the 2nd Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology, Chung-An University Medical School, Seoul, Korea

“Fetal nephron-urology; From accurate diagnosis to effective *in-utero* treatment” August 27, 2016 at the 2nd Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology, Chung-An University Medical School, Seoul, Korea

“Fetal tumor: Management dilemmas” August 27, 2016 at the 2nd Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology, Chung-An University Medical School, Seoul, Korea

“Fetal shunting” September 10, 2016 at the Annual Congress of the Society of Fetal Medicine, Hyatt Regency Hotel, Kolkata, India

“Fetal therapy: Panel discussion” September 10, 2016 at the Annual Congress of the Society of Fetal Medicine, Hyatt Regency Hotel, Kolkata, India

“Fetal therapy: Keynote lecture” September 11, 2016 at the Annual Congress of the Society of Fetal Medicine, Hyatt Regency Hotel, Kolkata, India

“Cardinal fetal ultrasound findings: Panel discussion” September 11, 2016 at the Annual Congress of the Society of Fetal Medicine, Hyatt Regency Hotel, Kolkata, India

“Prenatal ultrasound findings of congenital Zika virus infection” October 9, 2016 at the 12th Asia Pacific Congress in Maternal Fetal Medicine organized by the Obstetrical and Gynaecological Society of Malaysia (OGSS) and Department of Obstetrics and Gynecology, Chinese University of Hong Kong (CUHK) at Wembley Hotel, Penang, Malaysia

“Debate: Should cerebroplacental ratio (CPR) be offered routinely at term to prevent still birth?: Against” October 9, 2016 at the 12th Asia Pacific Congress in Maternal Fetal Medicine organized by the Obstetrical and Gynaecological Society of Malaysia (OGSS) and Department of Obstetrics and Gynecology, Chinese University of Hong Kong (CUHK) at Wembley Hotel, Penang, Malaysia

“How well you integrate NIPT into your daily practice?: Evidence-base QUIZ” October 21, 2016 at the International Conference on NIPT, organized by Hanoi University Medical School, Hanoi, Vietnam

Sonoangiographic study of twin reversed arterial perfusion sequence. Ian Donald School Regional Congress on Ultrasound in Gynecology and Perinatology, Sarajevo, Jahorina October 29, 2016

2017

“Color Doppler mapping of fetal circulation” March 12, 2017 at PIT XVIII Fetomaternal organized by Indonesian Society of Maternal-Fetal Medicine at Alana Hotel, Yogyakarta, Indonesia

“Ultrasound in fetal therapy” March 12, 2017 at PIT XVIII Fetomaternal organized by Indonesian Society of Maternal-Fetal Medicine at Alana Hotel, Yogyakarta, Indonesia

“Laser photocoagulation” March 13, 2017 at PIT XVIII Fetomaternal organized by Indonesian Society of Maternal-Fetal Medicine at Alana Hotel, Yogyakarta, Indonesia

“Monochorionicity and its consequences” March 14, 2017 at PIT XVIII Fetomaternal organized by Indonesian Society of Maternal-Fetal Medicine at Alana Hotel, Yogyakarta, Indonesia

“Introduction for instrumentations for fetal therapy” March 31, 2017 at the 3rd Asia Pacific Conference on Fetal Therapy (APCFT 2017) at MediScan/Radisson Blu Hotel, Chennai, India

“Techniques of laser photocoagulation” April 1, 2017 at the 3rd Asia Pacific Conference on Fetal Therapy (APCFT 2017) at MediScan/Radisson Blu Hotel, Chennai, India

“Best method to predict fetal lung hypoplasia in severe congenital diaphragmatic hernia” April 1, 2017 at the 3rd Asia Pacific Conference on Fetal Therapy (APCFT 2017) at MediScan/Radisson Blu Hotel, Chennai, India

“Debate: FETO or EXIT-to-ECMO in severe congenital diaphragmatic hernia” April 1, 2017 at the 3rd Asia Pacific Conference on Fetal Therapy (APCFT 2017) at MediScan/Radisson Blu Hotel, Chennai, India

“Prenatal treatment for congenital CMV infection to reduce fetal damage” April 1, 2017 at the 3rd Asia Pacific Conference on Fetal Therapy (APCFT 2017) at MediScan/Radisson Blu Hotel, Chennai, India

“Basics of Doppler ultrasound in Obstetrics” May 24, 2017 at the AOFOG session, LAOG 2017, Vientiane, Republic of Laos

‘Non-invasive prenatal testings: Practical points’ July 29, 2017 at the 1st ISUOG Taipei, Chang Yung-fa Foundation, Taipei, Taiwan

‘Screening of preeclampsia in Asian sub-population’ July 29, 2017 at the Thermo Fisher sponsored dinner symposium at the 1st ISUOG Taipei, Miramar Garden Hotel, Taipei, Taiwan.

‘Twins reversed arterial perfusion sequence; How its angio-architecture affect the treatment’ July 30, 2017 at the 1st ISUOG Taipei, Chang Yung-fa Foundation, Taipei, Taiwan

‘Early prenatal diagnosis of congenital diaphragmatic hernia’ July 30, 2017 at the 1st ISUOG Taipei, Chang Yung-fa Foundation, Taipei, Taiwan

‘Conjoined twins’ July 30, 2017 at the 1st ISUOG Taipei, Chang Yung-fa Foundation, Taipei, Taiwan

‘Preeclampsia screening; Getting to know the variables’ September 3, 2017 at the 13th Asia Pacific Conference on MFM, Leela Ambience Gurugrum Hotel, New Delhi, India

‘Controversies in the NIPT in clinical practice’ September 14, 2017 at the 1st Ian Donald Course Karachi, Aga Khan University, Karachi, Pakistan

‘Fetal therapy: Paragon or Pariah in 2017’ September 14, 2017 at the 1st Ian Donald Course Karachi, Aga Khan University, Karachi, Pakistan

‘3D ultrasound in Obstetrics’ September 14, 2017 at the 1st Ian Donald Course Karachi, Aga Khan University, Karachi, Pakistan

‘Fetal pericardial effusion: Roles of prenatal cardiac intervention’ October 14, 2017 at the 16th World Federation for Ultrasound in Medicine and Biology Congress in 2017 in conjunction with the 9th Asian Conference on Ultrasound Contrast Imaging and Chinese Taipei Society of Ultrasound in Medicine Annual Convention, Taipei International Convention Center (TICC), Taipei, Taiwan

‘Secondary cardiopathy’ October 14, 2017 at the 16th World Federation for Ultrasound in Medicine and Biology Congress in 2017 in conjunction with the 9th Asian Conference on Ultrasound Contrast Imaging and Chinese Taipei Society of Ultrasound in Medicine Annual Convention, Taipei International Convention Center (TICC), Taipei, Taiwan

‘Fetal cardiac and pericardial tumor’ October 15, 2017 at the 16th World Federation for Ultrasound in Medicine and Biology Congress in 2017 in conjunction with the 9th Asian Conference on Ultrasound Contrast Imaging and Chinese Taipei Society of Ultrasound in Medicine Annual Convention, Taipei International Convention Center (TICC), Taipei, Taiwan

‘Diagnostic roles of color Doppler mapping of fetal circulation’ October 16, 2017 at the 16th World Federation for Ultrasound in Medicine and Biology Congress in 2017 in conjunction with the 9th Asian Conference on Ultrasound Contrast Imaging and Chinese Taipei Society of Ultrasound in Medicine Annual Convention, Taipei International Convention Center (TICC), Taipei, Taiwan

‘Updates of fetal therapy in Asia’ October 27, 2017 at the 13th World Congress of Perinatal Medicine, Sava Center, Belgrade, Serbia

‘3D ultrasound in conjoined twins: Any additional advantages?’ October 28, 2017 at the 13th World Congress of Perinatal Medicine, Sava Center, Belgrade, Serbia

‘Selective fetal growth restriction in monochorionic twins; To kill or to separate?’ October 28, 2017 at the 13th World Congress of Perinatal Medicine, Sava Center, Belgrade, Serbia

‘Roles of advanced ultrasound in fetal therapy’ October 28, 2017 at the 13th World Congress of Perinatal Medicine, Sava Center, Belgrade, Serbia

‘Chorionic villus sampling’ November 18, 2017 at the FETOCON2017, Amrita Institute of Medical Sciences, Kochi, Kerala, India

‘Complicated monochorionic twins: Deferred Live Demonstration’ November 19, 2017 at the FETOCON2017, Amrita Institute of Medical Sciences, Kochi, Kerala, India

‘Congenital diaphragmatic hernia: Novel prenatal management options’ November 19, 2017 at the FETOCON2017, Amrita Institute of Medical Sciences, Kochi, Kerala, India

‘Fetal intervention in LUTO’ November 19, 2017 at the FETOCON2017, Amrita Institute of Medical Sciences, Kochi, Kerala, India

‘Prediction and prevention of preeclampsia in Asian sub-population’ December 6, 2017 at the 20th International Conference on Neonatology and Perinatology, Hotel Melia Avenida America, Madrid, Spain

2018

‘Debate: Fetal surgery should not be offered’ March 20, 2018 at the Fetomaternal Medan 2018, Hotel Melalui, Medan, Indonesia

‘Laser in TTTS’ March 20, 2018 at the Fetomaternal Medan 2018, Hotel Melalui, Medan, Indonesia

‘Advanced ultrasound for fetal interventions’ March 24, 2018 at the 2nd Talk Battle on Maternal Fetal Medicine and the 10th Japan Ian Donald Ultrasound Course, Advanced Seminar, KIZUNA Hall, Osaka, Japan.

‘Prediction and prevention of preeclampsia in Asian sub-population’ May 17, 2018 at the 14th International Academy of Perinatal Medicine Conference, Crowne Plaza Hotel, Bucharest, Romania

‘In utero assessments and interventions of posterior urethral valves’ May 17, 2018 at the 34th Fetus as a Patient International Congress, Crowne Plaza Hotel, Bucharest, Romania

‘Fetal lung volume assessment in congenital diaphragmatic hernia’ May 17, 2018 at the 34th Fetus as a Patient International Congress, Crowne Plaza Hotel, Bucharest, Romania

‘Hand-on workshop: Laser procedure for TTTS-anterior placenta’ May 21, 2018 at the 2nd BCM-CUHK-Fudan Joint Symposium in Clinical Genetics and Birth Defects and the 14th Asia-Pacific Congress in Maternal Fetal Medicine, Clinical Skills Learning Centre, Lui Che Woo Clinical Science Building, Prince of Wales Hospital, Chinese University of Hong Kong, Hong Kong

‘Advanced ultrasounds for fetal intervention’ May 25, 2018 at the 13th Congress of the Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB 2018) and ACUCI 2018 and KSUM at Coex, Seoul, Korea.

‘Screening and prevention of preeclampsia in Asian subpopulation’ 26 July, 2018 at the Malaysian International Scientific Congress of Obstetrics & Gynaecology 2018 (MISCOG 2018) organized by the Obstetrical & Gynaecological Society of Malaysia (OGSM), theme “Where Technology, Evidence & Skills Meet”, at the Malaysian International Trade & Exhibition Centre (MITEC) Kuala Lumpur, Malaysia.

‘Current status of fetal therapy in Asia’ 26 July, 2018 at the Malaysian International Scientific Congress of Obstetrics & Gynaecology 2018 (MISCOG 2018) organized by the Obstetrical & Gynaecological Society of Malaysia (OGSM), theme “Where Technology, Evidence & Skills Meet”, at the Malaysian International Trade & Exhibition Centre (MITEC) Kuala Lumpur, Malaysia.

‘Advanced ultrasound for fetal interventions’ 27 July, 2018 at Malaysian International Scientific Congress of Obstetrics & Gynaecology 2018 (MISCOG 2018) organized by the Obstetrical & Gynaecological Society of Malaysia (OGSM), theme “Where Technology, Evidence & Skills Meet”, at the Malaysian International Trade & Exhibition Centre (MITEC) Kuala Lumpur, Malaysia.

‘Practical points and pitfalls of NIPT use’ 27 July, 2018 at Malaysian International Scientific Congress of Obstetrics & Gynaecology 2018 (MISCOG 2018) organized by the Obstetrical & Gynaecological Society

of Malaysia (OGSM), theme “Where Technology, Evidence & Skills Meet”, at the Malaysian International Trade & Exhibition Centre (MITEC) Kuala Lumpur, Malaysia.

‘Expert panel discussion: Genetic testing in pregnancy’ 5 August, 2018 at IFMSS Pre-Congress Symposium on Fetal Medicine & Therapy organized by International Fetal Medicine and Surgery Society (IFMSS) at National University Health Systems (NUHS) Tower Block Auditorium, 1E Kent Ridge Road, Singapore

‘Ultrasound diagnosis and intrauterine treatment for fetal lower urinary tract obstruction (LUTO)’ 5 August, 2018 at IFMSS Pre-Congress Symposium on Fetal Medicine & Therapy organized by International Fetal Medicine and Surgery Society (IFMSS) at National University Health Systems (NUHS) Tower Block Auditorium, 1E Kent Ridge Road, Singapore

‘Diagnosis and intrauterine treatment of congenital diaphragmatic hernia (CDH) by tracheal occlusion’ 5 August, 2018 at IFMSS Pre-Congress Symposium on Fetal Medicine & Therapy organized by International Fetal Medicine and Surgery Society (IFMSS) at National University Health Systems (NUHS) Tower Block Auditorium, 1E Kent Ridge Road, Singapore

‘Comparison between traditional model and fetoscopic surgical simulator mannequin training for laser placental dichorionization’ 8 August, 2018 at 37th Annual Meeting on Fetal Medicine & Therapy organized by International Fetal Medicine and Surgery Society (IFMSS) at Intercontinental Hotel, Bali, Indonesia

‘Effects of power and time on ablation size produced by radiofrequency ablation: In vitro study in fresh human placenta’ 8 August, 2018 at 37th Annual Meeting on Fetal Medicine & Therapy organized by International Fetal Medicine and Surgery Society (IFMSS) at Intercontinental Hotel, Bali, Indonesia

‘EXIT to ECMO as an alternative to FETO’ 12 August, 2018 at 4th Asia Pacific Conference on Fetal Therapy (APCFT) at Prime Plaza Hotel, Bali, Indonesia

‘Fetal cystoscopy for LUTO’ 12 August, 2018 at 4th Asia Pacific Conference on Fetal Therapy (APCFT) at Prime Plaza Hotel, Bali, Indonesia

‘A retrospective review of on-admission factors on attainment of therapeutic serum concentrations of magnesium sulfate in women treated for a diagnosis of preeclampsia’ 7 September, 2018 at XXVI European Congress of Perinatal Medicine at Park Inn by Radisson Pribaltiyskaya Hotel & Congress Center, St. Petersburg, Russia

2019

‘Advanced ultrasound for fetal interventions’ March 9, 2019 at the 3rd Talk Battle on Maternal Fetal Medicine and 11th Advanced Seminar 2019, Japan Ian Donald Ultrasound Course at Kitsuna Hall, CRIFM, Osaka, Japan.

‘Three-dimensional ultrasonography in twins’ March 22, 2019 at the 3rd World Congress on Ultrasound in Obstetrics and Gynecology at Hotel Valamar Lacroma, Dubrovnik, Croatia

‘Current Status of Fetal Therapy in Asia’ March 28, 2019 at Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology at BW Suite Hotel, Belitung, Indonesia.

‘Complicated monochorionic twins’ March 28, 2019 at Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology at BW Suite Hotel, Belitung, Indonesia.

‘Conjoined twins’ March 28, 2019 at Ian Donald Course of Advanced Ultrasound in Obstetrics and Gynecology at BW Suite Hotel, Belitung, Indonesia.

‘Current status of fetal therapy in Asia 2019’ May 13, 2019 at Vietnamese-French Obstetrics and Gynecology Conference (VFOGC) at Lotte Hotel, Hanoi, Vietnam

‘Anomalies of the placenta, umbilical cord, and membranes; Pictorial essay’ May 18, 2019 at 3rd Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology at Sheraton Seoul Palace, Gangnam, South Korea.

‘Advanced ultrasound for fetal interventions’ May 18, 2019 at 3rd Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology at Sheraton Seoul Palace, Gangnam, South Korea.

‘Current status of prenatal diagnosis and management of congenital diaphragmatic hernia’ May 18, 2019 at 3rd Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology at Sheraton Seoul Palace, Gangnam, South Korea.

‘Complicated monochorionic twins’ May 23, 2019 at 1st International Conference of Faculty of Medicine, Sam Ratulangi University, Manado, Indonesia.

‘Current status of fetal therapy in Asia 2019’ May 24, 2019 at 1st International Conference of Faculty of Medicine, Sam Ratulangi University, Manado, Indonesia.

‘Chorionic villous sampling: A hands on approach’ July 26, 2019 at Society of Fetal Medicine Conference; theme ‘Basic interventional procedures in fetal medicine; A live & hands on simulator workshop & course’, Sheraton Hyderabad hotel, Hyderabad India

‘Maternal factors, biophysical profiles, and serum markers for prediction of preeclampsia’ August 31, 2019 at Thermo Fisher APAC meeting, Sunworld Dynasty Hotel, Taipei, Taiwan.

‘Guidelines of preeclampsia management by professional organizations’ August 31, 2019 at Thermo Fisher APAC meeting, Sunworld Dynasty Hotel, Taipei, Taiwan.

‘Case studies: preeclampsia diagnosis and management’ August 31, 2019 at Thermo Fisher APAC meeting, Sunworld Dynasty Hotel, Taipei, Taiwan.

‘Prenatal diagnosis of common KUB anomalies’ September 5, 2019 at the 3rd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and the 5th Asia Pacific Conference on Fetal Therapy, Asia Hotel, Bangkok, Thailand

‘Prenatal assessment of renal function in lower urinary tract obstruction’ September 5, 2019 at the 3rd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and the 5th Asia Pacific Conference on Fetal Therapy, Asia Hotel, Bangkok, Thailand

‘Fetal cystoscopy and laser ablation of posterior urethral valve’ September 5, 2019 at the 3rd Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and the 5th Asia Pacific Conference on Fetal Therapy, Asia Hotel, Bangkok, Thailand

‘Placental surgeries and fetal shunting’ September 8, 2019 at the 23rd International Conference on Prenatal Diagnosis and Therapy. MAX Atria at Singapore EXPO, Singapore

‘Seamless integration of the first trimester scan, serum biochemical markers, and non-invasive prenatal testing (NIPT)’ September 11-14, 2019 at the 14th World Congress of Perinatal Medicine, organized by World Association of Perinatal Medicine and Perinatal Medicine Foundation, at İstanbul Lütüfi Kırdar Convention and Exhibition Center, İstanbul, Turkey.

‘Diagnostic invasive tests in pregnancy-When to put a needle in’ September 28, 2019 at the 6th Annual Congress on Infertility Management and Fetal Medicine (ARTCON2019) organized by ARMC IVF Fertility Centers under the aegis of Indian Fertility Society Tamil Nadu Chapter and O&G Society Salem at Hotel Cenneys Gateway, Salem, Tamil Nadu, India

‘Fetal interventions-Where do we stand and what lies ahead’ September 28, 2019 at the 6th Annual Congress on Infertility Management and Fetal Medicine (ARTCON2019) organized by ARMC IVF Fertility Centers under the aegis of Indian Fertility Society Tamil Nadu Chapter and O&G Society Salem at Hotel Cenneys Gateway, Salem, Tamil Nadu, India

‘Fetal surgery-The future’ September 28, 2019 at the 6th Annual Congress on Infertility Management and Fetal Medicine (ARTCON2019) organized by ARMC IVF Fertility Centers under the aegis of Indian Fertility Society Tamil Nadu Chapter and O&G Society Salem at Hotel Cenneys Gateway, Salem, Tamil Nadu, India

‘Fetal growth restriction-When to delivery’ September 28, 2019 at the 6th Annual Congress on Infertility Management and Fetal Medicine (ARTCON2019) organized by ARMC IVF Fertility Centers under the aegis of Indian Fertility Society Tamil Nadu Chapter and O&G Society Salem at Hotel Cenneys Gateway, Salem, Tamil Nadu, India

‘Placental pathologies: Pictorial assays’ November 3, 2019 at the 2nd ISUOG Taipei Approved Course, 7th Taiwan Maternal Fetal Medicine Society Annual Congress, and Professional Obstetric Emergency Training Course, organized by Taiwan Maternal Fetal Medicine Society at Chang Gung Memorial Hospital, Taipei, Taiwan

‘Current status of fetal therapy in Asia (2019)’ November 3, 2019 at the 2nd ISUOG Taipei Approved Course, 7th Taiwan Maternal Fetal Medicine Society Annual Congress, and Professional Obstetric Emergency Training Course, organized by Taiwan Maternal Fetal Medicine Society at Chang Gung Memorial Hospital, Taipei, Taiwan

2020

‘Advanced ultrasound for fetal therapy’ February 21, 2020 at the annual academic meeting of Medical Ultrasonic Society of Thailand (MUST) in conjunction with World Federation of Ultrasound in Medicine and Biology (WFUMB): Ultrasound updates 2020: WFUMB & MUST collaborative course. Arnoma Grand Hotel, Bangkok, Thailand.

‘Seamless integration of first trimester scan, serum biochemical markers, and non-invasive prenatal testing (NIPT)’ January 9, 2020 at the Vietnamese Society of Ultrasound in Medicine (VSUM) at Golden Phoenix Convention & Wedding Center, Da Nang, Vietnam.

‘Complicated monochorionic twins: Recognition and in-utero therapy’ January 9, 2020 at the Vietnamese Society of Ultrasound in Medicine (VSUM) at Golden Phoenix Convention & Wedding Center, Da Nang, Vietnam.

‘Ultrasound and interventions of the cervix during pregnancy’ January 9, 2020 at the Vietnamese Society of Ultrasound in Medicine (VSUM) at Golden Phoenix Convention & Wedding Center, Da Nang, Vietnam.

‘Advanced ultrasound for fetal interventions’ February 21, 2020 at Joint Conference Medical Ultrasonic Society of Thailand (MUST) and World Federation of Ultrasound in Medicine and Biology (WFUMB) at Arnoma Grand Hotel, Bangkok, Thailand

‘Additional benefits of three-dimensional ultrasound in twin pregnancies’ July 24, 2020. GE-sponsored webinar, Bangkok, Thailand (webinar)

‘Vesicoamniotic shunting’ November 1, 2020 at 6th Asia-Pacific Conference of Fetal Therapy and 8th Taiwan Maternal Fetal Medicine Society Annual Congress, Chang Gung Memorial Hospital, Linkou, Taiwan (webinar)

‘Fetoscopic laser fulguration of posterior urethral valve’ November 1, 2020 at 6th Asia-Pacific Conference of Fetal Therapy and 8th Taiwan Maternal Fetal Medicine Society Annual Congress, Chang Gung Memorial Hospital, Linkou, Taiwan (webinar)

‘Single intrauterine demise of one fetus and risk of neurologic morbidity in multiple pregnancy’ November 29, 2020 at The Asia & Oceania Federation of Obstetrics & Gynaecology (AFOG) ultrasound conference (webinar)

2021

‘Twin anemia-polycythemia sequence; Diagnostic challenges and when and how to intervene’ June 4, 2021 at the Joint 5th World Congress on Twin Pregnancy a Global Perspective & the 17th Congress of the International Society of Twin Studies (ISTS) (Virtual) Beijing, China

‘Three-dimensional sonoangiography for prenatal assessment’ July 10, 2021 at GE-sponsored expert series (webinar)

‘AFSUMB Educational Course; Prenatal US assessment in multifetal pregnancies’ September 18, 2021 at the 14th Congress of the Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB 2021), in conjunction with the 21st Annual Meeting of Chinese Society of Ultrasound in Medicine (CSUM 2021), organized by Chinese Medical Association (CMA) and Chinese Society of Ultrasound in Medicine (CSUM), and coorganized by Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB) (Virtual) Zhuhai, China

‘Advanced fetal neurosonography at a glance’ September 25, 2021 at International OBG Ultrasound Forum China-Thailand (Mindray-sponsored webinar)

‘Sonographic techniques for total evaluation of fetal thoracoabdominal structures’ September 25, 2021 at International OBG Ultrasound Forum China-Thailand (Mindray-sponsored webinar)

‘Prenatal interventional ultrasound’ November 20, 2021 at the 2nd China-ASEAN International Interventional Ultrasound Forum (Mindray-sponsored webinar) Nanning, China

‘Managing complicated monochorionic twin pregnancies’ October 16, 2021 at the International Society of Ultrasound in Obstetrics & Gynecology (ISUOG) Virtual World Congress

‘Fetal lower urinary tract obstruction’ December 18, 2021 at the Vietnamese-French Obstetrics and Gynecology Conference (VFOGC) Hanoi, Vietnam

‘Twin-to-twin transfusion syndrome and laser surgery’ December 18, 2021 at the Vietnamese-French Obstetrics and Gynecology Conference (VFOGC) Hanoi, Vietnam

2022

‘Machine learning in OBG ultrasound: Current practice and future trajectories’ January 29, 2022 at the 1st Web Congress of the Japan Society of Ultrasound in Obstetrics and Gynecology (JSUOG)

‘Prenatal genetic screening’ March 19, 2022 at the South Asian Federation of Obstetrics and Gynecology (SAFOG) – International Academy of Perinatal Medicine (IAPM) – IAN DONALD SCHOOL of ultrasound in obstetrics, gynecology, and biology.

‘Diagnostic and Management of twin reversed arterial perfusion (TRAP) sequence’ March 30th 2022 – April 5th 2022 at the XXII Bali Annual Scientific Meeting of Fetomaternal Medicine 2022 Prima Plaza Sanur Hotel

‘Current Strategy of Fetal Therapy: Principles of In-Utero Treatment, Pharmacologic Intervention, Stem Cell Transplantation and Gene Therapy’ March 30th 2022 – April 5th 2022 at the XXII Bali Annual Scientific Meeting of Fetomaternal Medicine 2022 Prima Plaza Sanur Hotel, Bali Indonesia

‘Laser therapy in TTTS’ March 30th 2022 – April 5th 2022 at the XXII Bali Annual Scientific Meeting of Fetomaternal Medicine 2022 Prima Plaza Sanur Hotel

‘Fetal and extra-fetal sonogenetics assessment’ May 16th, 2022 at Online Seminar on Prenatal and Preimplantation Genetic Diagnosis (joint event Changhua Christian (Taiwan)-Ramathibodi-Siriraj (Thailand) Hospital)

‘Twin-twin transfusion syndrome vs Selective fetal growth restriction’ May 23rd, 2022 at the 27th AOFOG Congress (Asia & Oceania Federation of Obstetrics and Gynaecology) Theme ‘From Bench to Bedside Between the Culture, Tradition, and Technology in Women’s Health, Grand Hyatt Hotel, Nusa Dua-Bali, Indonesia

‘Cell-free fetal DNA screening for fetal chromosome and subchromosome disorders’ May 30th, 2022 at Online Seminar on Prenatal and Preimplantation Genetic Diagnosis (joint event Changhua Christian (Taiwan)-Ramathibodi-Siriraj (Thailand) Hospital)

‘Sonographic evaluation of fetal thoracoabdominal viscera’ August 3rd, 2022 at Voluson and The Experts Series (GE Healthcare-sponsored webinar)

‘In-utero myelomeningocele repair’ August 25th-28th, 2022 at the 21st Congress of the Federation of Asia & Oceania Perinatal Societies (FAOPS) & the 28th Congress of the Perinatal Society of Malaysia (Virtual Congress & Workshops)

‘Fetal obstructive uropathy – Current concepts’ October 2nd, 2022 at the 17th International Conference on Clinical Ultrasonography in Practice (CUSP) at Chennai Trade Center, Chennai, India

‘Instrumentation for fetal therapy’ October 2nd, 2022 at the 17th International Conference on Clinical Ultrasonography in Practice (CUSP) at Chennai Trade Center, Chennai, India

‘Prenatal sonogenetics’ October 9th, 2022 at the 22nd Vietnamese Frence Conference on Obstetrics and Gynecology (VFCOG) at Intercontinental Hotel , Hanoi, Vietnam

‘Current prospects of fetal therapy in Asia’ October 29th, 2022 at the Taichung Veterans General Hospital (TCVGH) International Medical Conference ‘Challenges and Innovations in Obstetrics, Gynecology and Reproductive Medicine. (Virtual congress)

‘Essentials of deep learning in O&G ultrasound’ November 12th, 2022 at the 15th Congress of Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB) and the 30th Congress of IFUMB-USCON 2022 at Hyderabad International Conventiion Centre and Novotel Hotel, Hyderabad India

‘Lower urinary tract obstruction – When and how to intervene?’ November 20th, 2022 at International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) International (Asia) Symposium (Virtual congress)

2023

‘Current strategies of fetal therapy and its challenges’ March 4th, 2023 at the 23rd Annual Meeting of Indonesian Society of Maternal Fetal Medicine, Fairmont Hotel, Jakarta, Indonesia

‘Three-dimensional color Doppler mapping for fetal therapy’ March 5th, 2023 at the 23rd Annual Meeting of Indonesian Society of Maternal Fetal Medicine, Fairmont Hotel, Jakarta, Indonesia

‘Recognizing and managing the complications of invasive fetal interventions’ March 6th, 2023 at the 23rd Annual Meeting of Indonesian Society of Maternal Fetal Medicine, Fairmont Hotel, Jakarta, Indonesia

‘Tips for ultrasound diagnosis of ectopic pregnancy’ June 10th, 2023 at the Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB) workshop, Chinggis Khaan hotel, Ulaanbaatar, Mongolia.

‘Sonographic approach for the adnexal lesions’ June 10th, 2023 at the Asian Federation of Societies for Ultrasound in Medicine and Biology (AFSUMB) workshop, Chinggis Khaan hotel, Ulaanbaatar, Mongolia.

“Minimizing the complications of fetoscopic laser dichorionization” June 15th, 2023, at the Joint 6th World Congress on Twin Pregnancy and the 18th Congress of the International Society of Twin Studies (ISTS), Semmelweis University Auditorium, Budapest, Hungary

“Delivering miracles to babies inside the womb” June 20th, 2023, at Siriraj International Conference in Medicine and Public Health: SICMPH 2023), theme; Information, Innovation, Integration, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

“Color Doppler mapping for in-utero intervention” August 15th, 2023, at the 23rd Vietnam-France (VF) Conference on Obstetrics and Gynecology, Vietnam National Hospital of Obstetrics and Gynecology (VNHOG), Hanoi, Vietnam

“Controversy: Management for moderate congenital diaphragmatic hernia” August 17th, 2023 at the Asia Pacific Conference in Maternal Fetal Medicine (APCMFM), Department of Obstetrics and Gynaecology of the Chinese University of Hong Kong and the Tu Du Hospital, Riverside Palace Convention Center, Ho Chi Minh City, Vietnam.

“Monitoring for preeclampsia: What tools do we have?” August 18th, 2023 at the Asia Pacific Conference in Maternal Fetal Medicine (APCMFM), Department of Obstetrics and Gynaecology of the Chinese University of Hong Kong and the Tu Du Hospital, Riverside Palace Convention Center, Ho Chi Minh City, Vietnam.

“Changing landscape of fetal therapy in Asia” August 18th, 2023 at the Vietnam-France-Asia Pacific Conference (VFAP), Tu Du Hospital, Riverside Palace Convention Center, Ho Chi Minh City, Vietnam.

“Challenges faced in non-invasive prenatal testing (NIPT)” August 26th, 2023 at the 12th Singapore International Congress of Obstetrics and Gynaecology (SIOG 2023), Obstetrical & Gynaecological Society of Singapore, Grand Copthorne Waterfront, Singapore.

“Fetal Therapy: What’s new?” August 26th, 2023 at the 12th Singapore International Congress of Obstetrics and Gynaecology (SIOG 2023), Obstetrical & Gynaecological Society of Singapore, Grand Copthorne Waterfront, Singapore.

“Updates on TTTS; Its variations and management” August 27th, 2023 at the 12th Singapore International Congress of Obstetrics and Gynaecology (SIOG 2023), Obstetrical & Gynaecological Society of Singapore, Grand Copthorne Waterfront, Singapore.

“Early unfavorable outcomes of mid-trimester umbilical vessels occlusion for complicated monochorionic twins: Experiences from a single operator” September 7th, 2023 at the International Fetal Medicine and Surgery Society (IFMSS) Annual Meeting 2023, Visby-Stockholm, Sweden

“How to identify candidates for the most complex in-utero surgeries” October 17th, 2023 at the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) World Congress 2023, COEX Center, Seoul, South Korea

“Basic and Advanced foundations of fetal surgery” October 18th, 2023 at the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) World Congress 2023, COEX Center, Seoul, South Korea

“Optimal early management of twin pregnancies” October 19th, 2023 at the International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) World Congress 2023, COEX Center, Seoul, South Korea

“Pre-Conference Workshop” November 3rd, 2023 at the 9th Asia Pacific Conference of Foetal Therapy (APCFT) theme Fetal Therapy Current Protocol and Concepts, by Mediscan and the Chinese University of Hong Kong, Radisson Blu Hotel GRT Chennai, India.

“Basic instrumentation of fetal therapy” November 3rd, 2023 at the 9th Asia Pacific Conference of Foetal Therapy (APCFT) theme Fetal Therapy Current Protocol and Concepts, by Mediscan and the Chinese University of Hong Kong, Radisson Blu Hotel GRT Chennai, India.

“Color Doppler Mapping for Prenatal Interventions” November 6th, 2023, at the World Federation for Ultrasound in Medicine and Biology (WFUMB) World Congress 2023, Oman Convention & Exhibition Centre, Muscat, Sultanate of Oman.

“Fetal Therapy in Asia” November 19th, 2023, at the 3rd Asia-Pacific International Conference on Prenatal Diagnosis and Therapy, the 11th Taiwanese Forum on Recent Trend in Maternal Fetal Medicine, and the 2nd International Conference on Obstetrical Multi-Organ Point-of-Care Ultrasound, by Taiwan Maternal Fetal Medicine Society, Tainan, Taiwan

Oral presentations at domestic meetings

2005

February 15, 2005, Topic “Cell-Free Fetal DNA in Maternal Circulation: Emerging Clinical Application at the Department of Obstetrics and Gynecology, Faculty of Medicine Prince of Songkla University.

February 21, 2005, Topic “Preeclampsia: Siriraj’s Latest Management Guidelines” at the 4th Health Administration Office, Rajburi Province

April 29, 2005, Topic “Overview in Down Syndrome Screening” at the 2005 Annual Conference of The Royal Thai College of Obstetricians and Gynecologists, The Medical Association of Thailand

March 25, 2005, Topic “Diabetes in Pregnancy: From HA to Routine Practice” at the 2005 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

July 4, 2005, “ Placental volume measured by three-dimensional sonography does not predict levels of maternal plasma cell-free fetal DNA during the first trimester”. Annual Siriraj Scientific Congress 2005, Bangkok Thailand. **(Won the second prize award)**

July 6, 2005, Topic “Roles of Three- and Four-Dimension Sonography in Obstetrics” at the 2005 Annual Scientific Conference of the Faculty of Medicine Siriraj Hospital

July 6, 2005, Topic “Preimplantation Genetic Diagnosis” at the 2005 Annual Scientific Conference of the Faculty of Medicine Siriraj Hospital

November 7-8, 2005, Topic “Scanning for Common Fetal Anomalies” at the Workshop for Basic Obstetric Ultrasound for GPs and Nurses, Faculty of Medicine Siriraj Hospital

2006

February 15, 2006, Topic “The Diagnosis and Management of Fetal Anemia” at the Workshop Unseen Fetal Scanning, Faculty of Medicine, Siriraj Hospital

February 16-17, 2006, Topic “Enigma in Hypertension” at the 2006 Annual Conference of the Department of Obstetrics and Gynecology, OB-GYN in Practice 2006: Is your daily practice appropriate? Faculty of Medicine Siriraj Hospital

March 23-24, 2006, Topic “Scanning for Common Fetal Anomalies” at the Workshop for Basic Obstetric Ultrasound for GPs and Nurses, Faculty of Medicine Siriraj Hospital

August 14, 2006 Topic “Sonographic screening for fetal aneuploidies in the first trimester” at Bumrungrad International Hospital

2007

February 5-9, 2007, Topic “Interventional Fetoscopy” at the 2007 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

February 19-20, 2007, Topic “Smoking in Pregnancy” at the 1st Workshop on the Effects of Smoking on the General Health, The Medical Association of Thailand

March 5-9, 2007, Topic “Three- and Four-Dimension Ultrasonography in Obstetrics” at the 2005 Annual Scientific Conference of the Faculty of Medicine Siriraj Hospital

April 23-27, 2007, Topic “Prenatal Diagnostic Procedures and Fetal Therapeutic Procedures: Fetal Therapeutic Procedures” at the 2007 Annual Conference of The Royal Thai College of Obstetricians and Gynecologists, Theme: Tips and Tricks in Essential Operative Obstetrics and Gynecology, The Medical Association of Thailand

June 13-15, 2007, Topic “Three- and Four- Dimension Ultrasonography in Obstetrics” at the Obstetric Nursing Department, Faculty of Medicine Siriraj Hospital

September 6, 2007 Topic “Prenatal Diagnosis” at Bangkok Christian Hospital

2008

February 14-15, 2008 Topic “Applications of Doppler Studies of Fetal Middle Cerebral artery” in the Workshop for Basic Doppler Sonographies, Faculty of Medicine Siriraj Hospital

March 17-19, 2008 Topic “Advances in Fetal Imagings” in the 2008 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

April 3-4, 2008, Topic “Scanning for Common Fetal Anomalies” at the Workshop for Basic Obstetric Ultrasound for GPs and Nurses, Faculty of Medicine Siriraj Hospital

October 12-15, 2008 Topic “Fetosopic intervention in twin-twin transfusion syndrome” at the 23th Academic Conference of the Royal Thai College of Obstetricians and Gynecologists Ambassador City Jomtien Hotel, Pattaya, Chonburi

October 30, 2008 Topic “Changing landscapes in fetal diagnosis and therapy” at the National Technology Day Conference by the Foundation for the Promotion of Science and Technology under the Patronage of His Majesty the King at Anoma Hotel, Bangkok

November 5, 2008 Topic “HELLP Syndrome” at meeting room 10/3, Hua Chiew General Hospital (Poh Teck Tung Foundation), Bangkok, Thailand

2009

February 5-9, 2009 Topic “Putting Pressure on Preeclampsia” at the 2009 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

February 5-9, 2009 Topic “Genetic Sonogram” at the 2009 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

March 3, 2009 Topic “Screening and Diagnosis for Fetal Down Syndrome” at Bangkok Hospital medical Center

August 6, 2009 Topic “Twin-twin transfusion syndrome” at Poonsook conference room, Bangkok Christian Hospital 12.00-13.00 hr

August 11, 2009 Topic “Minimally invasive fetal surgeries” at 3rd floor conference room, Bumrungrad International Hospital 7.30-8.30 hr

August 26, 2009 Topic “Three-dimensional sonoangiography: odds and ends” at Ultrasound course for practioners. Raffles Hotel, Bangkok 11.30-12.15 hr.

August 27, 2009 Topic “Mimimally invasive fetal surgeries” at The 7th Singapore International Congress of Obstetrics and Gynecology. August 27, 2009, Marina Mandarin Hotel, Singapore

October 2, 2009 Topic “Preeclampsia” at Roche Scientific Days 2009 Theme “How Laboratories sharpen their competitive edge” Dusit Resort Hotel, Hua Hin 11.15-12.00 hr

October 22, 2009 Topic “Hypertensive disorders in pregnancy: The extremely difficult cases” at the 24th Academic Conference of the Royal Thai College of Obstetricians and Gynecologists The Medical Association of Thailand

November 2-3, 2009 Topic “Fetal Therapy” Joint Conference between Faculty of Medicine Siriraj Hospital and Peking University Third Hospital Athitayathornkittikul Conference Room, Sayamintr Building, 8.30-10.00 hr.

November 18-20, 2009 Topic “Counseling for thalassemia: training for the trainers” at Anandaratch building, Faculty of Medicine Siriraj Hospital

December 8, 2009 Topic “ Preeclampsia” at 8D conference room. Bangkok Hospital Medical Center. 12.00-13.00 hr

2010

February 10, 2010 Topic “Pushing an envelope of obstetrics ultrasound” at the 2010 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

February 10, 2010 Topic “Serum angiogenic factors: the key to unlock the secret of preeclampsia” at the 2010 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

May 5-7, 2010 Topic “Fetal therapy: current status” at the 2010 Annual Conference of Thai Society of Maternal-Fetal medicine; Theme “From the womb to the world” at The Tide Resort, Bangsaen, Chonburi

July 13, 2010 Topic “Serum biomarkers for preeclampsia: how to use it wisely?” at the Preeclampsia: Recent Updates, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

November 2, 2010 Topic “Non-invasive prenatal genetic diagnosis 2010: The way forward” at Faculty of Medicine Ramathibodi Hospital, Bangkok, Thailand

2011

February 23, 2011 Topic “Umbilical cord blood stem cells banking: Perinatologist’s perspective” at the 2011 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

- February 25, 2011 Topic “Fetal Down syndrome screening” at the 2011 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital
- March 8, 2011 Topic “Umbilical cord blood stem cells banking: Perinatologist’s perspective” at 3rd floor conference room, Bumrungrad International Hospital
- March 8, 2011 Topic “Preimplantation and prenatal genetic diagnosis of severe thalassemia disease” at Annual Scientific Conference of the Thai Hematology Society, Theme: Advances in Hematology at World Ballroom, Centara Grand Hotel.
- March 22, 2011 Topic “Anesthesia for fetal surgery at 7009 Sayamintra Building, Faculty of Medicine Siriraj Hospital.
- April 28, 2011 Topic “Fetal Medicine Case Presentation” at the 2011 Academic Conference of the Royal Thai College of Obstetricians and Gynecologists The Medical Association of Thailand
- April 29, 2011 Topic “Higher-order multifetal pregnancies” at the 2011 Academic Conference of the Royal Thai College of Obstetricians and Gynecologists The Medical Association of Thailand
- June 16, 2011 Topic “Updates in PIH” at the Joint Commission of Medical Sciences, Impact Convention Center
- July 22, 2011 Topic “Complicated monochorionic twins” at Workshop on Ultrasound in High Risk Pregnancies, Thammasart Medical School
- July 22, 2011 Topic “Fetal Therapy: An Overview” at Workshop on Ultrasound in High Risk Pregnancies, Thammasart Medical School
- September 6, 2011 Topic “How to communicate with your patients in Down syndrome screening era” at 3rd floor conference room, Bumrungrad International Hospital
- December 15, 2011 Topic “Fetal Therapy” at 8th floor conference room, Bajrakitiyabha Building, Phramongkutklao Hospital

2012

- March 14, 2012 Topic “Invasive Fetal Therapy” at Department of Obstetrics and Gynecology, Faculty of Medicine Ramathibodi Hospital
- March 28, 2012 Topic “Embracing array Comparative Genomic Hybridization in Prenatal Genetic Diagnosis” at the 2012 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital
- June 21, 2012 Topic “Fetal therapy: An overview” and “Complicated monochorionic twins” at Vajira Hospital, Bangkok, Thailand
- August 9, 2012 Topic “Advances in Fetal Therapy” at Prince Songklana” at Songklanagarin Hospital | Prince of Songkla University

August 10, 2012 Topic “What are new about hypertension in pregnancy: Management from Obstetric viewpoint” at Annual Meeting of Thai Society of Hypertension, Theme “Hypertension and Women’s Health” at Centara Grand Hotel, Bangkok

August 17, 2012 Topic “Fetal Therapy” at Vejthani Hospital, Bangkok, Thailand

September 15, 2012 Topic “Preeclampsia: Updates for cardiologists” at Chiang Mai Cardiology Conference (CMCC), Shangri La Hotel, Chiang Mai, Thailand

October 4, 2012 Topic “From prenatal genomic diagnosis to fetal personalized medicine; Progress and challenges” 27th Annual Scientific Meeting Royal Thai College of Obstetricians and Gynecology, The Empress Hotel, Chiang Mai, Thailand

October 16, 2012 Topic “Treating hypertensive emergencies: Controlled reduction of blood pressure and protection of target organs” Rajvithi Hospital, Bangkok, Thailand

October 26, 2012 Topic “Fetal therapy; Realiy and Projections“ Thai Perinatal Society, Jomtien Palm Beach Hotel, Pattaya, Thailand

December 25, 2012 Topic “Novel therapy in preeclampsia” in the workshop Preeclampsia; From Placenta to a Lifetime Risk, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

2013

February 5, 2013 Topic “Fetal Therapy: An Overview” Paolo Memorial Hospital, Bangkok, Thailand

March 29, 2013 Topic “Fetal personalized medicine; When and how to use microarray in your practice?” at the 2013 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

March 29, 2013 Topic “Screening and novel therapies for preeclampsia” at the 2013 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

April 25, 2013 Topic “Trends in preeclampsia 2013” at the 2013 Academic Conference of the Royal Thai College of Obstetricians and Gynecologists The Medical Association of Thailand

May 3, 2013 Topic “Updates in prenatal genetic diagnosis” at the 2013 the Annual Scientific Conference Thai Society of Maternal and Fetal Medicine, The Zign Hotel, Pattaya, Chonburi

May 13, 2013 Topic “Hypertensive Crisis in Pregnancy: Perinatologist’s Perspective” sponsored by Great Eastern Drug Limited, at Evason Pranburi, Prachuabkirkhant

May 20, 2013 Topic “Treating hypertensive emergencies: Controlled reduction of blood pressure and protection of target organs” at Department of Obstetrics and Gynecology, Faculty of Medicine Chiang Mai University

June 4, 2013 Topic “Fetal therapy: An update” for Obstetric Nursing Academic Day, Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

June 26, 2013 Topic “Fetal surgery: The rescue team” at International Conference in Medicine and Public Health (ICMPH) 2013, Faculty of Medicine Siriraj Hospital

June 27, 2013 Topic “Kidney and pregnancy” at International Conference in Medicine and Public Health (ICMPH) 2013, Faculty of Medicine Siriraj Hospital

June 27, 2013 Topic “Fetal therapy: An overview” at the 16th Annual Scientific Conference Lerdsin Hospital, theme “The utmost in OB-GYN and Pediatrics” at Lerdsin Hospital, Bangkok, Thailand

July 17, 2013 Topic “Serum biomarkers in preeclampsia: Current and Future” at the 2013 Annual Scientific Conference, Department of Obstetrics and Gynecology, Faculty of Medicine Khon Kaen University, Khon Kaen, Thailand

July 19, 2013 Topic “Fetal therapy: An overview” at the 2013 Annual Perinatology Conference, Bumrungrad International Hospital, Bangkok, Thailand

August 2, 2013 Topic “*In utero* surgery for fetal bladder outlet obstruction” at Division of Urology, Department of Surgery, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

October 14, 2013 Topic “Non-invasive prenatal testing (NIPT) using SNPs” at Bumrungrad International Hospital, Bangkok, Thailand

October 16, 2013 Topic “Management guidelines of preeclampsia” at Department of Medicine, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

November 27, 2013 Topic “More than beautiful faces, Application of novel 3D algorithms for fetal imaging” 28th Annual Scientific Meeting Royal Thai College of Obstetricians and Gynecology, Bangkok, Thailand

November 29, 2013 Topic “Next-generation non-invasive prenatal testing using SNPs” 28th Annual Scientific Meeting Royal Thai College of Obstetricians and Gynecology, Bangkok, Thailand

2014

January 8, 2014 Topic “Fetal bladder outlet obstruction: Approaches and Interventions” at Paolo Memorial Hospital, Bangkok, Thailand

February 21, 2014 Topic “How to include 3D sonography in your daily practice” at Mae Fah Luang University (GE sponsored lecture), Chiang Rai, Thailand

February 21, 2014 Topic “Fetal Doppler studies: What vessel and what time” at Mae Fah Luang University (GE sponsored lecture), Chiang Rai, Thailand

March 22, 2014 Topic “Clinical application of NIPT using single nucleotide polymorphisms (SNPs)” at the 2014 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

April 30, 2014 Topic “Non-invasive prenatal testing; Clinical application” at Pramongkulklaio Hospital, Bangkok, Thailand

May 15, 2014 Topic "Updates in contraception in breastfeeding women" (sponsored by MSD) at the Annual Meeting of Thai Society of Reproductive Medicine, Pattaya, Thailand

July 9, 2014 Topic "Non-invasive prenatal testing using single nucleotide polymorphisms" at Bumrungrad International Hospital

July 17, 2014 Topic "Non-invasive prenatal testing using single nucleotide polymorphisms" at Rajvithi Hospital

July 27, 2014 Topic "Pitfalls in Obstetric care" at Bumrungrad International Hospital, Bangkok, Thailand

October 16, 2014 Topic "Fetal neurosonogram: How Smart MSP™ helps with intracranial midsagittal plane examination. 29th Annual Scientific Meeting Royal Thai College of Obstetricians and Gynecology, Pattaya, Thailand

October 17, 2014 Topic "SNP-based NIPT; New data New application" 29th Annual Scientific Meeting Royal Thai College of Obstetricians and Gynecology, Pattaya, Thailand

October 17, 2014 Topic "Harmonizing management of PIH crisis" 29th Annual Scientific Meeting Royal Thai College of Obstetricians and Gynecology, Pattaya, Thailand

December 17, 2014 Topic "Making sense of preeclampsia: How latest diagnostic and therapeutic developments affect our practice?", Vajira Hospital, Bangkok, Thailand

2015

February 6, 2015 Topic "Management of preeclampsia; Updates for internists" at Annual Meeting of Thai Hypertension Society, Pullman Hotel, Bangkok, Thailand

March 6, 2015 Topic "Chromosome studies for embryo selection: Perinatologist's perspectives" at Phraram 9 Hospital, Bangkok, Thailand

March 12, 2015 Topic "Chromosome-specific sequencing NIPT" at Pharmongkutklo Hospital, Bangkok, Thailand

March 20, 2015 Topic "Atypical pregnancy induced hypertension" at the 2015 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

March 20, 2015 Topic "Prevention of postpartum hemorrhage in the 3rd millennium" at the 2015 Annual Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

April 23, 2015 Topic "Intractable postpartum hemorrhage" Scientific Meeting 2015 Royal College of Thai Obstetricians and Gynecologists, Bangkok, Thailand

April 24, 2015 Topic "Complicated mono chorionic twins" Scientific Meeting 2015 Royal College of Thai Obstetricians and Gynecologists, Bangkok, Thailand

May 8, 2015 Topic "Managing NIPT false results" Scientific Meeting 2015 Thai Society of Maternal and Fetal Medicine, The Heritage, Pattaya, Thailand

2016

March 14, 2016 Topic “DNA-based prenatal screening for aneuploidies: Benefits of novel array-based chromosome-specific approach” Roche Diagnostics symposium, Millennium Hilton Hotel, Bangkok, Thailand

April 28, 2016 Topic “Controversies in DNA-based screening for fetal aneuploidies: Practical points” Scientific Meeting 2016 Royal College of Thai Obstetricians and Gynecologists, Ambassador Hotel, Bangkok, Thailand

May 14, 2016 Topic “DNA-based prenatal screening for fetal aneuploidies” Tutorial course for maternal-fetal medicine board examination (sponsored by Besins), Novotel Pratunam Hotel, Bangkok, Thailand

June 1, 2016 Topic “DNA-based prenatal screening for 22q11.2 and other microdeletion/microduplication syndrome: Test performance and clinical implications at 2016 Annual Scientific Conference of Department of Obstetrics and Gynecology at Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

June 3, 2016 Topic “DNA-based prenatal screening: Practical points for laboratory personnel” Inter-laboratory meeting (sponsored by Bangkok Cytogenetics) at Swissotel Le Concorde, Bangkok, Thailand

2017

March 15, 2017 Topic “Guidelines in Modern Obstetrics” at 2017 Scientific Conference of Department of Obstetrics and Gynecology at Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

August 4, 2017 Topic ‘Ultrasound assessment of fetal face, brain, and spinal cord’ at Medical Ultrasound Society of Thailand (MUST) O&G Ultrasound Workshop, Sukhothai Treasure Resort&Spa, Sukhothai, Thailand

August 4, 2017 Topic ‘Ultrasound assessment of twins’ at Medical Ultrasound Society of Thailand (MUST) O&G Ultrasound Workshop, Sukhothai Treasure Resort&Spa, Sukhothai, Thailand

August 4, 2017 Hands on session of prenatal ultrasound at Medical Ultrasound Society of Thailand (MUST) O&G Ultrasound Workshop, Sukhothai Treasure Resort&Spa, Sukhothai, Thailand

August 24, 2017 Topic ‘Doppler in gynecology and early pregnancy’ at the 2017 Academic Conference of Medical Ultrasound Society of Thailand (MUST), theme “All About Doppler; From Head to Toe”, The Medical Association of Thailand

2018

January 26, 2018 Topic “Non-invasive prenatal testing: Practical points” at RCOG CME e-Learning

August 24, 2018 Topic “Basic ultrasound in Gynecology” at Annual Scientific Conference of Medical Ultrasonic Society of Thailand (MUST), Queen Sirikit Hospital, Chonburi

August 24, 2018 Topic “Basic ultrasound in Obstetrics’ at Annual Scientific Conference of Medical Ultrasonic Society of Thailand (MUST), Queen Sirikit Hospital, Chonburi

September 28, 2018 Topic “Basics of ultrasound in multifetal pregnancies and placental disorders” at Workshop of Basic Ultrasound in Obstetrics and Gynecology (joint MUST and IDS-approved course), Ibis Styles Hotel, Krabi.

September 28, 2018 Topic “Basics of ultrasound in fetal heart and lung” at Workshop of Basic Ultrasound in Obstetrics and Gynecology (joint MUST and IDS-approved course), Ibis Styles Hotel, Krabi.

September 28, 2018 Topic “Basics of ultrasound in gastrointestinal and genitourinary tracts” at Workshop of Basic Ultrasound in Obstetrics and Gynecology (joint MUST and IDS-approved course), Ibis Styles Hotel, Krabi.

2019

February 15, 2019 Topic “Updated ultrasound techniques in assessment of pelvic organs” at Annual Scientific Conference of Medical Ultrasonic Society of Thailand (MUST), Theme “Challenging Trends in Current Ultrasound 2019”, Asia Hotel, Bangkok

February 15, 2019 Topic “Ultrasound evaluation in early pregnancy loss and ectopic pregnancy” at Annual Scientific Conference of Medical Ultrasonic Society of Thailand (MUST), Theme “Challenging Trends in Current Ultrasound 2019”, Asia Hotel, Bangkok

2020

June 12, 2019 Topic “Pregnancy-induced hypertension: Basics for practitioners’ at Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital

July 17, 2020 Topic “Fetal therapy; What we can do?” at 2020 Scientific Conference of Department of Obstetrics and Gynecology at Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

2021

February 17, 2021 Topic “Pregnancy-induced hypertension” at 104th Siriraj Medicine: Beyond the Best Practice, Department of Medicine, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand.

February 19, 2021 Topic “AI in Medical Imaging” at the 1st Thailand Conference on AI in Medical Imaging” by Radiological Society of Thailand, Miracle Grand Convention Center, Bangkok, Thailand

August 4, 2021 Topic “Prenatal repair of myelomeningocele” at 2021 Scientific Conference of Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

August 20, 2021 Topic “Deeper-than-the-surface fetal anatomy survey” at Medical Ultrasonic Society of Thailand (MUST)-Mindray Expert Webinar

August 20, 2021 Topic “Semi-automated ultrasound assessment of female pelvic pathology” at Medical Ultrasonic Society of Thailand (MUST)-Mindray Expert Webinar

October 31, 2021 Topic “Essentials of Artificial Intelligence (AI) in Clinical Ultrasound” at the Emergency Ultrasound Playlist; Essential Topics for Survival in ED’ at Medical Ultrasonic Society of Thailand (MUST)-GE Webinar

October 31, 2021 Topic “AI-enhanced Ultrasound in OBG; Practical Tips and Pitfalls” at the Emergency Ultrasound Playlist; Essential Topics for Survival in ED’ at Medical Ultrasonic Society of Thailand (MUST)-GE Webinar

2022

January 17, 2022 Topic “Sonographic placental development and pathology; Pictorial Assay” at Annual Scientific Conference of Medical Ultrasonic Society of Thailand (MUST), Theme “Toward Transforming Routine Tasks into Excellent Practice 2022” (Virtual)

April 22, 2022 Topic “Cell-free DNA screening for fetal chromosomal and subchromosomal disorders” at “NIPT and diagnostics in prenatal care” (Virtual) sponsored by Bangkok Cytogenetics Center

April 27, 2022 Topic “Current approach to PIH: New concept and novel management” at the Annual Scientific Conference Royal Thai College of Obstetricians and Gynecologists THEME “Talking OB-GYN 2022” Royal Dusit Ballroom, Dusit Thani Hotel, Hua Hin, Thailand

June 22, 2022 Topic “Pregnancy-induced hypertension” at Critical care in nursing training course, Faculty of Medicine Siriraj Hospital.

July 1, 2022 Topic “Fetal anomalies detected from the first-trimester ultrasound screening” at the 1st Siriraj Maternal Fetal Medicine Conference, Theme; Setting up the first-trimester screening services, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

July 1, 2022 Topic “Data entry, risk calculation and reporting, counseling, and intervention for the first-trimester screening” at the 1st Siriraj Maternal Fetal Medicine Conference, Theme; Setting up the first-trimester screening services, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

July 1, 2022 Topic “Live demonstration; First-trimester ultrasound scanning in singleton” at the 1st Siriraj Maternal Fetal Medicine Conference, Theme; Setting up the first-trimester screening services, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

July 1, 2022 Topic “First-trimester ultrasound scanning in twin pregnancies” at the 1st Siriraj Maternal Fetal Medicine Conference, Theme; Setting up the first-trimester screening services, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

July 1, 2022 Topic “Risk calculation and reporting in twin pregnancies” at the 1st Siriraj Maternal Fetal Medicine Conference, Theme; Setting up the first-trimester screening services, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

July 1, 2022 Topic “Invasive prenatal diagnostic procedures in twin pregnancies” at the 1st Siriraj Maternal Fetal Medicine Conference, Theme; Setting up the first-trimester screening services, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

August 17, 2022 Topic “Current concepts of the first-trimester screening for preeclampsia” at the 2022 Annual Scientific Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Theme; Towards A New Horizon, Bangkok, Thailand.

August 30, 2022 Topic “Ultrasound in ectopic pregnancy” at the 2022 Annual Scientific Conference Medical Ultrasonic Society of Thailand (MUST), Surasak Ballroom 1-2, Eastin Grand Satorn, Bangkok, Thailand.

2023

May 12, 2023 Topic “In-utero stem cell transplantation” at the 2023 Annual Scientific Conference of the Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Theme; Access to the BESt in OB/GYN, Bangkok, Thailand.

June 9, 2023 Topic “Malformations of cortical development” at the 2nd Siriraj Maternal Fetal Medicine Conference; Theme; Fetal Neurology, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

Other Participations in National and International Meetings with CME certification

The 5th Chula Urogynecology Workshop, Theme: The current treatments in pelvic organ prolapse and female urinary incontinence. March 29-30, 2007. Faculty of Medicine Chulalongkorn University, Bangkok, Thailand

The 18th WONCA World Conference. July 24-27, 2007. Singapore.

The 2nd Asian Pacific Congress on Controversies in Obstetrics, Gynecology & Infertility. November 8-11, 2007. Shanghai, China

The 8th Congress of the Asian Federation of Societies of Ultrasound in Medicine and Biology (AFSUMB). November 12-16, 2007. Bangkok, Thailand

Reproductive Medicine Training Course and Workshop. January 23-25, 2008. Department of Obstetrics and Gynecology, Faculty of Medicine Chulalongkorn University, Bangkok, Thailand

The 28th Annual Meeting of the Society for Maternal-Fetal Medicine, January 31-February 2, 2008. Dallas, Texas, USA

The Menopause Academic Conference, March 19-21, 2008. Cha-am, Petchaburi, Thailand

The 2008 Annual Meeting of the Royal College of the Thai Obstetricians and Gynecologists, April 23-25, 2008.

The 2008 Annual Meeting for the International Society of the Infectious Disease (ISID), June 13-15, 2008. Kuala Lumpur, Malaysia

Ian Donald's Global Congress "Recent advances in ultrasound diagnosis in Obstetrics and Gynecology" May 5-6, 2011, Dubrovnik, Croatia

Danone baby nutrition 6th Asia Pacific Nutrition Symposium: Embracing science and influencing health in the first 1,000 days of life. May 26, 2012, Shangri-La Hotel, Beijing, China

The XX FIGO World Congress of Gynecology and Obstetrics, October 7-10, 2012, Fiera Roma, Rome, Italy

The Asia Pacific Congress on Building Consensus in Maternal Fetal Medicine, November 21-22, 2013, Kelly Hotel, Shanghai, China

The 5th Mindray International Ultrasound Forum, May 19-20, 2014, Westin Nanshan Hotel, Shenzhen, China

International Workshop on Prenatal Screening, May 24, 2014, Swissotel Berlin, Germany

Next generation sequencing in clinical practice, July 28-29, 2014, Windsor Suites Hotel, Bangkok, Thailand

Intensive course on screening for Down's syndrome: May 18-20, 2015, Wolfson Institute of Preventive Medicine, Barts and the London School of Medicine and Dentistry. London, UK

Reflex DNA screening. May 11, 2016, Wolfson Institute of Preventive Medicine, Barts and the London School of Medicine and Dentistry. London, UK

International Workshop on Prenatal Screening, May 6, 2017, Hotel Riu Berlin, Germany

INTERNATIONAL TEXTBOOK CHAPTERS

Wataganara T. Multifetal pregnancies. In: **Wataganara T**, Pooh RK, Kurjak A, eds. Donald School Textbook of PowerPoint Presentation of Advanced Ultrasound in Obstetrics and Gynecology. New Delhi, India: JayPee Brothers Publishing Group 2015, pp 18-52.

Wataganara T. Fetal therapy. In: **Wataganara T**, Pooh RK, Kurjak A, eds. Donald School Textbook of PowerPoint Presentation of Advanced Ultrasound in Obstetrics and Gynecology. New Delhi, India: JayPee Brothers Publishing Group 2015, pp 67-103.

Wataganara T. High-definition 3D ultrasound; From beginning to birth. In: **Wataganara T**, Pooh RK, Kurjak A, eds. Donald School Textbook of PowerPoint Presentation of Advanced Ultrasound in Obstetrics and Gynecology. New Delhi, India: JayPee Brothers Publishing Group 2015, pp 113-156.

Wataganara T. Fetal magnetic resonance imaging. In: **Wataganara T**, Pooh RK, Kurjak A, eds. Donald School Textbook of PowerPoint Presentation of Advanced Ultrasound in Obstetrics and Gynecology. New Delhi, India: JayPee Brothers Publishing Group 2015, pp 169-209.

Wataganara T. Preeclampsia screening. In: **Wataganara T**, Pooh RK, Kurjak A, eds. Donald School Textbook of PowerPoint Presentation of Advanced Ultrasound in Obstetrics and Gynecology. New Delhi, India: JayPee Brothers Publishing Group 2015, pp 216-239.

Wataganara T. Additional benefits of 3-dimensional sonogram in gynecology. In: **Wataganara T**, Pooh RK, Kurjak A, eds. Donald School Textbook of PowerPoint Presentation of Advanced Ultrasound in Obstetrics and Gynecology. New Delhi, India: JayPee Brothers Publishing Group 2015, pp 285-325.

Wataganara T. “Fetal neural tube defect detected with magnetic resonance imaging in the diabetic mother” in Moshe Hod, Lois G. Jovanovic, Dian Carlo di Renzo, Alberto De Leiva, Oded Langer, Eds. Textbook of Diabetes and Pregnancy 3rd Ed, Boca Raton, FL, USA, CRC Press 2016, pp 351-361.

Wataganara T. Overview of fetal therapy. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 710-715.

Wataganara T. In utero pharmacologic treatment. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 716-722.

Wataganara T. Ultrasound-guided fetal intervention. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 723-731.

Wataganara T. In utero stem cell transplantation and gene therapy. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 732-740.

Wataganara T. Fetoscopic interventions. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 741-763.

Wataganara T. Open fetal surgery. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 764-780.

Wataganara T. Establishment of fetal therapy center. In: Kurjak A, Chervenak F, eds. Donald School Textbook of Advanced Ultrasound in Obstetrics and Gynecology, 4th Ed. New Delhi, India: JayPee Brothers Publishing Group 2017, pp 781-790.

Textbook Chapters

ดวงสิทธิ์ วัฒนการา. การเปลี่ยนแปลงของร่างกายหญิงขณะตั้งครรภ์ (Physiologic changes during pregnancy). ใน: มานี ปิยะอนันต์, ชาญชัย วันทนาศิริ, ประเสริฐ คັນสนียวิทย์กุล, บรรณาธิการ. ตำราสูติศาสตร์ (Textbook of Obstetrics). พิมพ์ครั้งที่ 1. กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด; 2548: 34-49.

ดวงสิทธิ์ วัฒนการา. ความดันโลหิตสูงขณะตั้งครรภ์ (Hypertensive disorders in pregnancy). ใน: มานี ปิยะอนันต์, ชาญชัย วันทนาศิริ, ประเสริฐ คັນสนียวิทย์กุล, บรรณาธิการ. ตำราสูติศาสตร์ (Textbook of Obstetrics). พิมพ์ครั้งที่ 1. กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด; 2548: 305-34.

ดวงสิทธิ์ วัฒนการา. การประยุกต์ใช้คลื่นเสียงความถี่สูงสามมิติในทางสูติกรรม (Applications of three dimensional sonography in obstetrics). ใน: วิมลลักษณ์ สนั่นศิลป์, อัจฉรา สัมบุญณานนท์, วณิชานันท์ ชื่นกองแก้ว, พรรณแข มไหสวริยะ, วาณี วิสุทธิเสวีวงศ์, มณี รัตนไชยานนท์, สุวรรณ สุรเศรษฐวงศ์, บรรณ มไหสวริยะ, พรชัย โอเจริญรัตน์, บรรณาธิการ. การแพทย์ชั้นเลิศตามแนวทางเศรษฐกิจพอเพียง (Excellent medical practice with sufficiency economy). กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด; 2550: 245-54.

พรพิมล เรืองวุฒิเลิศ, **ดวงสิทธิ์ วัฒนการา.** ภาวะความดันโลหิตสูงในหญิงมีครรภ์ ตอนที่ 1 สาเหตุและแนวทางการตรวจคัดกรอง (Hypertensive disorders during pregnancy Part 1: Etiology and screening strategies). สูตินรีเวชทันยุค OB-GYN in Practice 2006. พิมพ์ครั้งที่ 1. มณี รัตนไชยานนท์, พัทยา เสงี่ยมิ, บรรณาธิการ. กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด 2549. หน้า 41-8.

ดวงสิทธิ์ วัฒนการา, ประเสริฐ คັນสนียวิทย์กุล. ภาวะความดันโลหิตสูงในหญิงมีครรภ์ ตอนที่ 2 แนวทางการดูแลรักษา (Hypertensive disorders during pregnancy Part 2: Treatment guidelines). สูตินรีเวชทันยุค OB-GYN in Practice 2006. พิมพ์ครั้งที่ 1. มณี รัตนไชยานนท์, พัทยา เสงี่ยมิ, บรรณาธิการ. กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด 2549. หน้า 49-66.

ดวงสิทธิ์ วัฒนการา. ภาวะความดันโลหิตสูงในหญิงมีครรภ์ ตอนที่ 3 การใช้ยาลดความดันโลหิตในหญิงมีครรภ์ (Hypertensive disorders during pregnancy Part 3: Antihypertensive medications). สูตินรีเวชทันยุค OB-GYN in Practice 2006. พิมพ์ครั้งที่ 1. มณี รัตนไชยานนท์, พัทยา เสงี่ยมิ, บรรณาธิการ. กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด 2549. หน้า 67-75.

ดวงสิทธิ์ วัฒนการา, อนุวัฒน์ สุตัญญวิบูลย์. การใช้กล้องส่องเพื่อรักษาทารกในครรภ์ (Interventional fetoscopy). สูตินรีเวชทันยุค OB-GYN in Practice 2007. พิมพ์ครั้งที่ 1. ชาญชัย วันทนาศิริ, ดวงสิทธิ์ วัฒนการา, บรรณาธิการ. กรุงเทพมหานคร. บริษัท พี.เอ.ลิฟวิ่ง จำกัด 2550. หน้า 563-79.

ดวงสิทธิ์ วัฒนการา. ความก้าวหน้าในการวินิจฉัยและรักษาภาวะความดันโลหิตสูงขณะตั้งครรภ์ (Updates in the management of preeclampsia). ใน: ชาญชัย วันทนาศิริ, วิทยา ถิฐาพันธ์, ปราโมทย์ ไพรสุวรรณ, สุนทร ฮ่อเผ่าพันธ์, บรรณาธิการ. เวชศาสตร์ปริกำเนิด (Perinatal Medicine). กรุงเทพมหานคร. สมาคมเวชศาสตร์ปริกำเนิดแห่งประเทศไทย; 2550: 101-6.

ดวงสิทธิ์ วัฒนการา, พรพิมพ เพ็ญธรรพิตย์. การตรวจทารกในครรภ์ด้วยภาพคลื่นแม่เหล็กไฟฟ้า (Fetal magnetic resonance imaging). สูตินรีเวชทันยุค OB-GYN in Practice 2008. พิมพ์ครั้งที่ 1. มงคล เบญจาทิบาล, ประเสริฐ คັນสนียวิทย์กุล, ประสงค์ ดันมหาสมุทร, ธันยารัตน์ วงศ์วานารักษ์, ปัทมา เขียวโพธิทอง, ตรีภพ เลิศบรรณพงษ์, ภัทรวลัย ดลิ่งจิตร, บรรณาธิการ. กรุงเทพมหานคร. บริษัทพี.เอ.ลิฟวิ่ง จำกัด 2551. หน้า 145-61.

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Organizing of scientific conferences

Chair: Thailand Ian Donald Advanced Course of Ultrasound in Obstetrics and Gynecology from 2013-present

Chair Thailand International Fetoscopy Workshop from 2015-present

Board Member Scientific Committee: Asia Pacific Conference on Maternal Fetal Medicine (APCMFM) from 2012-present

Chair of International Affair and Board Member of Scientific Committee Asia Pacific Conference on Fetal Therapy (APCFT) from 2015-present

Chair 2021 Annual Scientific Conference and General Assembly; Medical Ultrasonic Society of Thailand from from 2020-2023

Ongoing researches

Serum biomarkers for preeclampsia
Dynamics of magnesium in preeclampsia
Noninvasive prenatal genetic diagnosis
Fetal surgery