

Scientific Program RIAC2023  
20-22 September, 2023  
At Bangkok Marriott Marquis Queen's Park

Day 1, Wednesday 20 September, 2023

Room Time	Thai Chitlada 1-2	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chakkraphat 3	Thai Chitlada 3	Thai Chakkraphat 1-3
					Nursing Department	Ramathibodi School of Nursing
08.00 – 08.40	Registration					
08.40 – 09.00	Opening Remarks					
09.00 – 09.30	Ramathibodi Innovations: Advancing transformation in medical service and education with digital health, AI and bioengineering 1					
09.30 – 10.00	Ramathibodi Innovations: Advancing transformation in medical service and education with digital health, AI and bioengineering 2					
10.00 – 10.30	Break	Break	Break	Break	Break	Break
10.30 – 11.15	How to manage work -life balance for the great achievement?  <i>Prof. Apichat Asavamongkolkul, M.D.</i> <i>Dean, Faculty of Medicine Siriraj Hospital, Mahidol University</i>					
11.15 – 11.30					Wow!	11.15-12.00
11.30 – 12.00	Revolutionizing Transplantation: Overcoming current challenges and pioneering innovations  <i>Assoc. Prof. Leonardo Riella, M.D.</i> <i>PhD</i> <i>Harvard Medical School, USA</i>				A: Rama ET-Tube Intubation cart B: Homemade valved holding chambers airway for hyperresponsiveness  <i>Thitima Lekdee and Kesanee Chaicoming</i>	Artificial Intelligence in Healthcare  <i>Dr. Somkiat Tangkitvanich, PhD</i> <i>TDRI</i>
12.00 – 13.00	Lunch Symposium How Does Everyday Life Harm your Eye Health?  บ.พีอาร์บี เซอร์เน็ดดีก้า (ปท) จำกัด	Lunch Symposium บ.สยามฟาร์มมาซูติคอล จำกัด	Lunch	Lunch	Lunch	Lunch

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13.00 – 13.30	Update Immunobiology in Transplantation Unveiling the Immune Frontier: A Comprehensive Update on Immunobiology in transplantation <i>Assoc. Prof. Leonardo Riella, M.D. PhD Harvard Medical School, USA</i>	Rama VR perimetry and visual rehabilitation  <i>Panitha Jindahra MD,PhD, MRCP (UK)</i>	CEB data warehouse showcase  <i>Dr. Panu Looareesuwan, PhD, Dr. Wanchana Ponthongmak, PhD Dr. Htun Teza, PhD, Dr. Cholathid Ratanatharathorn, PhD and Dr. Phitchaya Faramnuayphol, PhD</i>	Development of novel cervical pedicle screw  <i>Assoc. Prof. Pongsthorn Chanplakorn, M.D.</i>	Expanding home chemotherapy service to cancer networks  <i>Suwannee Sirilertrakul Thitaree Kaewtatip Viparuch phiwon</i>	13.00-14.30 Sustainable financial planning and management  <i>Chatchai Nawamongkhon Senior District Manager, AIA Co., Ltd.</i>
13.30 – 14.00	HLA eplet and the role in kidney transplantation  <i>Assoc. Prof. Duangtawan Thammanichanon, M.D. PhD</i>	Ratinoblastoma Organoids: emerging experimental tools for translational research  <i>Assoc. Prof. Duangnate Rojanaporn, MD Assoc. Prof. Rossukon Kaewkhaw PhD.</i>		The role of cell and regenerative medicine in Orthobiologics; Ramathibodi experience  <i>Assoc. Prof. Tulyapruet Tawonsawatruk, M.D.</i>		
14.00 – 14.30	Role of viral-specific immune monitoring in kidney transplant recipients  <i>Assoc. Prof. Jackrapong Bruminhent M.D.</i>	Teromere-to-Teromere whole genome sequencing  <i>Prof. Wasun Chantratita, PhD</i>		Ramathibodi innovation in Gyn; sharing experience  <i>TBC</i>		
14.30 – 15.00	Break	Break	Break	Break	Break	Break
15.00 – 15.30	Advances in solid organ transplantation Robotic assisted living donor hepatectomy  <i>Prof. Gi Hong Choi, M.D. Severance Hospital, Korea</i>	Safe sedation for non-anesthesiologists  <i>Asst. Prof. Sasima Dusitkasem, M.D.</i>	Real world data analytics using machine learning  <i>Dr. Anuchate Pattanateepapon, PhD</i>		Decentralized medicine: Rama health space  <i>Noppakan Wannakansophon</i>	15.00-16.00 Aging excellence center  <i>Prof. Dr. Basia Belza, Assoc. Prof. Dr. Suparb Areeue and Assist Prof. Dr. Inthira Roopsawang</i>
15.30-16.00	Update in end-stage heart failure. Who is ready for heart transplant?  <i>Assoc. Prof. Teerapat Yingchoncharoen, M.D.</i>	What are your brain vital signs?  <i>Dr. Jeeranut Wanawananon, M.D.</i>				

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Day 2, Thursday 21 September, 2023

Room Time	Thai Chitlada 1-2	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chakkraphat 3	Thai Chitlada 3	Thai Chakkraphat 1-3
					Nursing Department	Ramathibodi School of Nursing
08.00 – 09.00	Registration					
09.00 – 09.30	Ramathibodi Innovations: Advancing transformation in medical service and education with digital health, AI and bioengineering 3	Mastering the symphony of allergic rhinitis and asthma management  <i>Asst. Prof. Wannada Laisuan, M.D. and Asst. Prof. Kangsadam Tanjararak, M.D.</i>				
09.30 – 10.00	Ramathibodi tumor biobank: where are we now?  <i>Assoc. Prof. Natini Jinawath, MD, PhD</i>	Novel Antihistamine for Allergic Rhinitis and Urticaria  <i>Asst. Prof. Boonsam Roongpuvapaht, M.D. and Dr. Pranee Sawetwilas, M.D.</i>				
10.00 – 10.30	Break	Break	Break	Break	Break	Break
10.30 – 12.00	Rajit Buri Memorial Lecture  <i>Prof. Suradej Hongeng, MD. Assistant Dean for Research, Faculty of Medicine Ramathibodi Hospital Mahidol University</i>				What's new in early mobilization for critical Ill children and adult?  <i>Rujeerat Jaengsook, Tamtana Supreeyatitikul and Supatra Phaopant</i>	Future trends in nursing education  <i>Assoc. Prof. Dr. Suchitra Luangamornlert, President of Thailand Nursing and Midwifery Council</i>
12.00 – 13.00	Lunch	Lunch Symposium Mythology & Modern Medicine <i>Dr. Pakorn Chandanamattha</i> บ.เบอร์ลินฟาร์มาซูติคอลอินดัสตรี จำกัด	Lunch	Lunch	Lunch	Lunch

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					Nursing Department	Ramathibodi School of Nursing
13.00 – 13.30	Human-centric design for commercialization <i>Dr. Sarawat Lerspalungsanti, PhD MTEC</i>	Updates in osteoporosis treatment <i>Asst. Prof. Sira Korpaisarn, M.D.</i>	Diagnosis prediction from discharge summary <i>Dr. Wanchana Ponthongmak, PhD</i>	Nanopore sequencing for single molecule detection (PCA3) <i>Asst. Prof. Nuankanya Sathirapongsasuti, MD, PhD</i>	Stress of nursing staffs at emergency department in COVID-19 pandemic <i>Sirinat Loungnarin</i>	13.00-14.00 Technology for humanity
13.30 – 14.00	Current and Future Trend in Robotic Surgery; 13.30-13.50 Urology <i>Assoc. Prof. Wisoot Kongchareonsombat, M.D.</i>	A Journey through the history of endoscopic spine surgery in Thailand <i>Dr. Verapan Kuansongtham, M.D.</i>	Artificial Intelligence for screening systematic review <i>Mr. Phongphat Wiwatthanasetthakarn</i>	The future of genomic medicine <i>Asst. Prof. Donniphat Dejsuphong, M.D., PhD</i>	Walk in Ratchathewi by Rama nurse <i>Phatcharakoraphot Sreeprasarn</i>	<i>Apirut Vancha-am Chief digital officer, SCG</i>
14.00 – 14.30	13.50-14.10 GI cancer <i>Assoc. Prof. Chairat Supsamutchai, M.D.</i> 14.10-14.30 Hepatobiliary surgery <i>Asst. Prof. Pongsatorn Tangtawee, M.D.</i>	Navigating the Future: Unveiling the advancements in minimally invasive spine surgery <i>Dr. Withawin Kesomsak, M.D.</i>	Development of Thai interface terminology using SNOMED CT <i>Dr. Nat Tangchitnob, PhD</i>	Model for studying pathogenesis and potential therapeutic strategies for Retinoblastoma <i>Assoc. Prof. Rossukon Kaewkhaw, M.D., PhD</i>		Innovation nursing organization <i>Assoc. Prof. Dr. Poolsuk Janepanish Visudtibhan, Director of Ramathibodi school of nursing</i>
14.30 – 15.00	Break	Break	Break	Break	Break	Break
15.00 – 15.30	Simulator training for central venous catheterization <i>Assoc. Prof. Piyanut Pootracool, M.D.</i>	Tips and tricks for GERD management in real life practice <i>Asst. Prof. Boonsam Roongpuvapaht, M.D. and Dr. Supphamat Chirnakorn, M.D.</i>	Artificial Intelligence for EKG classification <i>Dr. Anuchate Pattanateepapon, M.D.</i>	15.00-15.20 Establishment of drug discovery platforms in Thailand <i>Prof. Chatchai Muanprasat, M.D., PhD</i>	Impact of venous thromboembolism (VTE) prevention in surgical setting <i>Chiraphi Soonthornkul na Cholburi, Chutirat Sonpee and Chotip Gajaseni</i>	15.00-16.00 Nurse educator role: Preparing the next generation of nurses (Online)
15.30 – 16.00	Digital twin surgery <i>Assoc. Prof. Sorayouth chumnanvej, M.D.</i>	Moving toward multidisciplinary teamwork in cancer care <i>Assoc. Prof. Narongsak Rungsakulkij, M.D., Asst Prof. Pornphan Wibulpolprasert, M.D., Dr. Tharintorn Treesit, M.D. and Dr. Supphamat Chirnakorn, M.D.,</i>	Medical image processing <i>Dr. Chanon Puttanawarut, PhD</i>	15.20-15.40 Model for studying pathogenesis and potential therapeutic strategies for neuronopathic Gaucher disease <i>Dr. Niti Asavapanumas, M.D., PhD and Assoc. Prof. Thipwimol Tim-Aroon, MD, PhD</i> 15.40-16.00 Analysis of amniotic fluid microbiome <i>Dr. Pisut Pongchaikul, M.D., PhD</i>		Prof .Zeng Tieying, the deputy director of nursing department, affiliated Tongji Hospital <i>Assoc. Prof. Dr. Ma Fang, Vice Director of Nursing Department, the First Affiliated Hospital of Kunming Medical University</i>

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Day 3, Friday 22 September, 2023

Room Time	Thai Chitlada 1-2	Thai Chakkraphat 1	Thai Chakkraphat 2	Thai Chitlada 3	Thai Chakkraphat 1-3
				Nursing Department	Ramathibodi School of Nursing
08.00 – 09.00	Registration				
09.00 – 09.30	Ramathibodi Innovations: Ramathibodi Innovations: Advancing transformation in medical service and education with digital health, AI and bioengineering 4				
09.30 – 10.00	The road to disease specific certification  <i>Asst. Prof. Nutsiri Kittitirapong, M.D.</i>				
10.00 – 10.30	Break	Break	Break	Break	Break
10.30 – 11.00	Experience and future of VR medical education  <i>Ramathibodi hospital, Jolly Good company and Juntendo university</i>		Nanopore sequencing for rapid diagnosis of intra-amniotic infection.  <i>Dr. Piya Chaemsaitong, M.D.</i>		10.30-11.30 Legal issue in nursing practice: Season change with digital health transformation  <i>Prapatsorn Pongpanpisand</i>
11.00 – 11.30			Placental derived exosome for the identification of Bart Hydrops fetus <i>Dr. Piya Chaemsaitong, M.D., PhD</i>		
11.30 – 12.00			Non invasive PGT-A by Next generation sequencing, is it consistent with the standard PGT-A? <i>Assoc. Prof. Matchuporn Sukprasert, M.D.</i>		
				Nurses' role: ultrasonography-assisted peripheral IV  <i>Wallapat Chankachorn and Rossarin Thuancheep</i>	11.30-12.00 Ramathibodi Nurse Alumni's Meeting  <i>Asst. Prof. Dr. Sermsri Santati</i>  <i>President of Ramathibodi Nurse Alumni</i>
12.00 – 13.00	Lunch Symposium บ.ไฟเซอร์ (ปท) จำกัด	Lunch	Lunch	Lunch	Lunch

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				Nursing Department	Ramathibodi School of Nursing
13.00 – 13.30	<p style="text-align: center;">Home chemotherapy</p> <p style="text-align: center;"><i>Dr. Phichai Chansriwong, M.D.</i></p>	<p style="text-align: center;">Diet innovation for patients with specialized nutrient requirement: An example diet management in inborn errors of metabolism</p> <p style="text-align: center;"><i>Asst. Prof. Dr. Oraporn Dumrongwongsiri</i></p>	<p style="text-align: center;">Ablation treatment in CIN</p> <p style="text-align: center;"><i>Ass. Prof. Suwicha Chittithaworn, M.D.</i></p>	<p style="text-align: center;">Integrated care for older person in Ratchathewi district: Model for collaboration</p> <p style="text-align: center;"><i>Asst. Prof. Sirintorn Chansirikarnjana, M.D., Tipanetr Ngamkala and Pittaya Sangkaew</i></p>	<p style="text-align: center;">Graduate student forum</p> <p style="text-align: center;"><i>Deputy Director of Graduate Studies</i></p>
13.30 – 14.00	<p style="text-align: center;">Utilizing AI for muscle and nerve pathology</p> <p style="text-align: center;"><i>Assoc. Prof. Jariya Waisayarat, M.D.</i></p>	<p style="text-align: center;">Cell and gene therapy in hematologic diseases</p> <p style="text-align: center;"><i>Assoc. Prof. Usanarat Anurathapan</i></p>	<p style="text-align: center;">Unprecedented remedies for stress urinary incontinence</p> <p style="text-align: center;"><i>Assoc. Prof. Orawee Chinthakanan, M.D.</i></p>		
14.00 – 14.30	<p style="text-align: center;">Stool DNA methylation assay: non-invasive colorectal cancer screening</p> <p style="text-align: center;"><i>Assoc. Prof. Takol Chareonsirisuthigul, M.D., PhD</i></p>	<p style="text-align: center;">Effect of 635 nm Light-Emitting-Diode Irradiation Induce PDA Constriction</p> <p style="text-align: center;"><i>Tienake Trisauvapak</i></p>			
14.30 – 15.00	Closing				