



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. 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. PhD 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 TDRI</i>
12.00 – 13.00	Lunch Symposium How Does Everyday Life Harm your Eye Health? <i>บ.ทีชารัมภ์ เชนอร์เม็ดดีคิก้า (ปท) จำกัด</i>	Lunch Symposium <i>บ.สยามฟาร์มมาซูติคอลล จำกัด</i>	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  Assoc. Prof. Leonardo Riella, M.D. PhD Harvard Medical School, USA	Rama VR perimetry and visual rehabilitation  Panitha Jindahra MD,PhD, MRCP (UK)	CEB data warehouse showcase  Dr. Panu Looareesuwan, PhD, Dr. Wanchana Ponthongmak, PhD Dr. Htun Teza, PhD, Dr. Cholathid Ratanatharathorn, PhD and Dr. Phitchaya Faramnuayphol, PhD	Development of novel cervical pedicle screw  Assoc. Prof. Pongsthorn Chanplakorn, M.D.	Expanding home chemotherapy service to cancer networks  Suwannee Sirilertrakul Thitaree Kaewtatip Viparuch phiwon	13.00-14.30 Sustainable financial planning and management  Chatchai Nawamongkhon Senior District Manager, AIA Co., Ltd.
13.30 – 14.00	HLA eplet and the role in kidney transplantation  Assoc. Prof. Duangtawan Thammanichanond, M.D. PhD	Ratinoblastoma Organoids: emerging experimental tools for translational research  Assoc. Prof. Duangnate Rojanaporn, MD Assoc. Prof. Rossukon Kaewkhaw PhD.		The role of cell and regenerative medicine in Orthobiologics; Ramathibodi experience  Assoc. Prof. Tulyapruet Tawonsawatruk, M.D.		
14.00 – 14.30	Role of viral-specific immune monitoring in kidney transplant recipients  Assoc. Prof. Jackrapong Bruminhent M.D.	Teromere-to-Teromere whole genome sequencing  Prof. Wasun Chantratita, PhD		Ramathibodi innovation in Gyn; sharing experience  TBC		
14.30 – 15.00	Break	Break	Break	Break	Break	Break
15.00 – 15.30	Advances in solid organ transplantation Robotic assisted living donor hepatectomy  Prof. Gi Hong Choi, M.D. Severance Hospital, Korea	Safe sedation for non-anesthesiologists  Asst. Prof. Sasima Dusitkasem, M.D.	Real world data analytics using machine learning  Dr. Anuchate Pattanateepapon, PhD		Decentralized medicine: Rama health space  Noppakan Wannakansophon	15.00-16.00 Aging excellence center  Prof. Dr. Basia Belza, Assoc. Prof. Dr. Suparb Areeue and Assist Prof. Dr. Inthira Roopsawang
15.30-16.00	Update in end-stage heart failure. Who is ready for heart transplant?  Assoc. Prof. Teerapat Yingchoncharoen, M.D.	What are your brain vital signs?  Dr. Jeeranut Wanawananon, M.D.				

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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 Nursing Department	Thai Chakkraphat 1-3 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.</i>  <i>Ramathibodi Medical Alumni, Class 17</i> <i>Professor of Pediatrics</i> <i>Assistant Dean of Research Affairs</i> <i>Chief of Pediatric Hematology</i> <i>Oncology and Bone Marrow Transplantation</i> <i>Department of Pediatrics Faculty of Medicine Ramathibodi Hospital Mahidol University.</i>				What's new in early mobilization for critical ill children and adult?  <i>Rujeerat Jaengsook, Tarntana Supreeyattikul 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.เบอรลินฟาร์มาซูติคอลอินดัสตรี 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. Sarawut 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  <i>Apirut Vancha-am Chief digital officer, SCG</i>
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 Wiwatthanasethakarn</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>	Innovation nursing organization  <i>Assoc. Prof. Dr. Poolsuk Janepanish Visudtibhan, Director of Ramathibodi school of nursing</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 Tangtawe, M.D.</i>	Navigating the Future: Unveiling the advancements in minimally invasive spine surgery <i>Dr. Withawin Kesornsak, 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>		
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)  Prof. Zeng Tiejing, 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>
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>		

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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			Nanopore sequencing for rapid diagnosis of intra-amniotic infection.  <i>Dr. Piya Chaemsaithong, M.D.</i>		10.30-11.30 Legal issue in nursing practice: Season change with digital health transformation
11.00 – 11.30	Experience and future of VR medical education		Placental derived exosome for the identification of Bart Hydrops fetus <i>Dr. Piya Chaemsaithong, M.D., PhD</i>		<i>Prapatsorn Pongpanpisand</i>
11.30 – 12.00	<i>Ramathibodi hospital, Jolly Good company and Juntendo university</i>		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.โพเซออร์ (ปท) จำกัด	Lunch	Lunch	Lunch	Lunch

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



Mahidol University  
Faculty of Medicine Ramathibodi Hospital

# RIAC

Ramathibodi  
International  
Academic  
Conference

# 20-22 September 2023

Bangkok Marriot Marquis Queen's Park

**19 Sep**

**Pre-congress** 910 ABC, Medical Learning Resource Center  
and Ramathibodi School of Nursing Building  
Faculty of Medicine Ramathibodi Hospital, Mahidol University.

**Taking  
the Lead  
in  
Innovation  
and  
Future  
of  
Medicine**

**Highlight sessions**

**CME • CNEU Point**

- Rajit Buri memorial lecture and Ramathibodi Medical Alumni Association meeting
- MIND center (Medical Innovations Development Center)
- Nursing forum
- Advances in solid organ transplantation
- Digital healthcare
- Patent of Ramathibodi hospital
- Innovation: Collaborate with Non medicine subjects
- Personalized medicine
- Home healthcare
- AI
- VR technology and visual field testing
- Retinal organoid as a model in treatment of retinoblastoma
- Robotics surgery; current and future trend
- Digital twin surgery
- Cell and regenerative in medicine
- Education
- Fellow, Resident and Medical student section
- Innovation/Future of medicine of each specialty
- Clinical epidemiology session



Register Here

**Contact**

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ลุ้นรับ

รางวัล iPad วันละ 1 เครื่อง  
และของรางวัลอื่นๆ มากมายในงาน

