

ASIA TELEMEDICINE SYMPOSIUM 18



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Revolutionizing Healthcare: THE SYNERGY OF TELEMEDICINE AND ARTIFICIAL INTELLIGENCE IN MODERN MEDICINE

21ST FEBRUARY 2025 (MAIN SESSION)

SESSION 1

Telemicine and Remote Patient Monitoring in Indonesia:
Discuss the advancements in telemedicine and how remote monitoring technologies are improving patient outcomes

SESSION 2

AI in Diagnostics and Treatment Planning:
Explore how artificial intelligence is being utilized in diagnostics, predictive analytics, and personalized treatment plans

SESSION 3

Case Studies and Real-World Applications:
Highlight successful case studies where telemedicine and AI have been effectively implemented

SESSION 4

Challenges and Innovations in Telemedicine Education:
Bridging the Gap

20TH FEBRUARY 2025 (THURSDAY)

"MASTERING CYBERSECURITY: STRATEGIES FOR PROTECTING DIGITAL ASSETS"
DELIVERED IN BAHASA INDONESIA

20TH - 21ST FEBRUARY 2025

HYBRID

AUDITORIUM 10TH FLOOR
OF CENTER OF EDUCATION BUILDING
FACULTY OF MEDICINE
UNIVERSITAS BRAWIJAYA

FREE

REGISTRATION



SYMPOSIUM CHAIRMAN

Holipah, MD, PhD

Faculty of Medicine Universitas Brawijaya

SPEAKERS



Prof. Muhammad Saifur Rohman



Dr. Shan han Chang



Dr. Toru Oga



Mr. Agwin Fahmi Fahanani



Dr. Hera Dwi Nofita



Dr. Brigitta Ida RVC



Prof. Ponco Birowo



Dr. Novanto Yudistira



Dr. Asri Maharani



Dr. Udaya Koirala



Dr. Edita Rosana Widasari



Dr. Sheila John



Dr. Aria Kekalih



Prof. Fitri Utamingrum



Dr. Isamu Saeki



Dr. Kuriko Kudo



Dr. Hikmawan Wahyu Sulistomo



Dr. Yanuar Rahmat Fauzi



Dr. Tomohiko Moriyama



Dr. Bayu Lestari



Dr. Happy Kurnia Permatasari



Mr. Mohamad Zahir Bin Ahmad



Mr. Satyanarayana Ungarala

**Revolutionizing Healthcare:
THE SYNERGY OF TELEMEDICINE AND
ARTIFICIAL INTELLIGENCE IN MODERN MEDICINE**



**ASIA TELEMEDICINE
SYMPOSIUM 18**

21ST FEBRUARY 2025 (FRIDAY)

**AUDITORIUM 10TH FLOOR OF CENTER OF EDUCATION BUILDING
FACULTY OF MEDICINE UNIVERSITAS BRAWIJAYA**

TIME GMT +7	ACTIVITY
08.00 - 08.30	REGISTRATION
08.30 - 08.50	OPENING CEREMONY INDONESIA RAYA OPENING REMARK BY CHAIR COMMITTEE OPENING REMARK BY DIRECTOR TELEMEDICINE WELCOME SPEECH BY DEAN FMUB
08.50 - 11.00	SESSION 1 (15 MIN PRESENTATION + 5 MIN Q&A) TELEMEDICINE AND REMOTE PATIENT MONITORING IN INDONESIA Chairperson : Dr. Hikmawan Wahyu Sulistomo & Dr. Tomohiko Moriyama
08.50 - 09.10	TELEMEDICINE APPROACH FOR DETECTION HEART ATTACK IN THE INDONESIA : STUDY USING DETAK-C Prof. Muhammad Saifur Rohman, Universitas Brawijaya, Indonesia
09.10 - 09.30	APPLICATION OF AI FOR ADDRESSING UNIQUE HEALTH ISSUES IN INDONESIA Mr. Agwin Fahmi Fahanani, Universitas Brawijaya, Indonesia
09.30 - 09.50	COMPARING THE POLICY DOCUMENTS OF COUNTRIES THAT HAVE INTRODUCED A NATIONAL TELEHEALTH POLICY (TEXT MINING) Dr. Toru Oga, Kyushu University, Japan
09.50 - 10.10	USING AI FOR CATARACT DETECTION IN THE RURAL AREA IN INDONESIA Dr. Hera Dwi Nofita, Universitas Brawijaya, Indonesia
10.10 - 10.30	ADVANCING PATIENT CARE: THE ROLE OF TELEMEDICINE IN OUTPATIENT FOLLOW-UP AND MONITORING Dr. Brigitta Ida RVC, Universitas Brawijaya, Indonesia
10.30 - 10.50	REVOLUTIONIZING HEALTHCARE: INDONESIA'S FIRST TELESURGERY Prof. Ponco Birowo, Universitas Indonesia, Indonesia
11.00 - 12.30	LUNCH BREAK

TIME GMT +7	ACTIVITY
12.30 - 14.00	SESSION 2 (15 MIN PRESENTATION + 5 MIN Q&A) AI IN DIAGNOSTICS AND TREATMENT PLANNING Chairperson : Dr. Yanuar Rahmat Fauzi & Mr. Mohamad Zahir Bin Ahmad
12.30 - 12.50	REVOLUTIONIZING DIAGNOSTICS: THE ROLE OF AI IN EARLY DISEASE DETECTION Dr. Edita Rosana Widasari, Universitas Brawijaya, Indonesia
12.50 - 13.10	THE FUTURE OF DIAGNOSTICS: VISUAL COMPUTING IN DISEASE DETECTION Prof. Fitri Utaningrum, Universitas Brawijaya, Indonesia
13.10 - 13.30	INTEGRATING AI IN CLINICAL PRACTICE: CHALLENGES AND OPPORTUNITIES Dr. Novanto Yudistira, Universitas Brawijaya, Indonesia
13.30 - 13.50	HARNESSING WEARABLE AND REMOTE MONITORING TECHNOLOGIES FOR ENHANCED PATIENT OUTCOMES Dr. Asri Maharani, University of Manchester, United of Kingdom
14.00 - 15.00	SESSION 3 (15 MIN PRESENTATION + 5 MIN Q&A) CASE STUDIES AND REAL-WORLD APPLICATIONS Chairperson : Dr. Bayu Lestari & Kuriko Kudo, Ph.D
14.00 - 14.20	FROM VISION TO REALITY: A CASE STUDY ON TELEMEDICINE IN RURAL HEALTHCARE Dr. Udaya Koirala, Kathmandu Model Hospital, Nepal
14.20 - 14.40	AI IN ACTION: TRANSFORMING DIAGNOSIS THROUGH TECHNOLOGY Dr. Shiela John, Sankara Nethralaya Hospital, India
14.40 - 15.00	ALLEVIATE HEALTH INEQUALITY BY SMART HEALTHCARE AND TELEMEDICINE Dr. Shan-Han Chang, National Taiwan University Hospital, Taiwan
15.00 - 15.30	COFFEE BREAK AND EXHIBITION
15.30 - 16.30	SESSION 4 (15 MIN PRESENTATION + 5 MIN Q&A) CHALLENGES AND INNOVATIONS IN TELEMEDICINE EDUCATION Chairperson : Dr. Happy Kurnia Permatasari & Mr. Satyanarayana Ungarala
15.30 - 15.50	ENHANCING MEDICAL EDUCATION: INNOVATIONS IN E-LEARNING AND TECHNOLOGY INTEGRATION Dr. Aria Kekalih, Universitas Indonesia, Indonesia
15.50 - 16.10	DEVELOPMENT OF OSCE TEACHING MATERIALS USING VR Dr. Isamu Saeki, Hiroshima University, Japan
16.10 - 16.30	DEVELOPMENT OF E-LEARNING TRAINING PROGRAM FOR CONDUCTING DOCTOR-TO-DOCTOR TELEMEDICINE Dr. Kuriko Kudo, Kyushu University, Japan
16.30	CLOSING

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TIME GMT +7	ACTIVITY
13.00 - 13.15	OPENING REMARKS
13.15 - 13.30	(INTERACTIVE LECTURE) CYBERSECURITY FUNDAMENTALS AND EMERGING THREATS Aswin Suharsono, S.T., M.T
13.30 - 14.30	(HANDS-ON LABS AND SIMULATION) INCIDENT DETECTION, RESPONSE, AND RECOVERY STRATEGIES Aswin Suharsono, S.T., M.T.
14.30 - 14.45	(INTERACTIVE LECTURE) MITIGATION STRATEGIES IN CYBERSECURITY: PROACTIVE DEFENSE AGAINST THREATS Alan Stevie Balantimuhe, S.T., M.T
14.45 - 15.45	(HANDS-ON LABS AND SIMULATION) MITIGATION STRATEGY IN CYBERSECURITY Alan Stevie Balantimuhe, S.T., M.T
15.45 - 16.00	CLOSING

20TH FEBRUARY 2025 (THURSDAY)

“ORAL PRESENTATION IN MEDICAL TECHNOLOGY”

TIME GMT +7 : 13.00-15.00 WIB

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