

## Antibiotic Stewardship Knowledge and Belief Differences among Healthcare Professionals in Hospitals: a quantitative survey study

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**Background/Objective:** Collaborative practice in health-care has been recommended to improve the quality of antimicrobial stewardship (AMS) interventions, a behavior change in antimicrobial use. Insufficient knowledge regarding antibiotic-resistant, the fear of complications from infections, and how they perceive antibiotic use and resistance is likely to influence prescribing behavior. This study's objective is to identify the knowledge and belief differences about antibiotic stewardship among healthcare professionals.

**Methods:** This cross-sectional survey study of three hospitals in East Java province utilized a 43-item questionnaire to assess antimicrobial stewardship knowledge and beliefs. There are 12 items knowledge questions (total score: 12); and 31 items beliefs questions (total score: 155). The Kuder Richardson 20 (KR-20) and Cronbach alpha values of the questionnaire were 0.54 and 0.92, respectively.

**Results:** Out of the 257 respondents, 19% (48/257) had a lack of knowledge, and 39% (101/257) had weak beliefs (101/257). Most midwives had a low knowledge (25/61) and a weak belief (46/61) about antibiotic stewardship. Respondents with a strong belief about antibiotic stewardship were 17% (10/59) physicians, 15% (4/27) pharmacists, 8% (5/65) nurses, and 3% (2/61) midwives.

**Discussion:** Knowledge can influence a person's belief in taking action. Not all healthcare professionals are aware of the importance of judicious use of antibiotics in preventing resistance.

**Conclusions:** Among healthcare professionals, knowledge and belief differences of antibiotic stewardship vary widely. These differences would affect their capability, behavior, and contribution to the healthcare team collaboration and performance. Further studies are needed to evaluate the correlation between the level of inter-professional collaboration and the quality of the antibiotic stewardship implementation.

**Keywords:** interprofessional collaboration, antibiotic stewardship, beliefs





INTERNATIONAL CONFERENCE AND  
EXHIBITION ON THE  
INDONESIAN MEDICAL EDUCATION  
AND RESEARCH INSTITUTE

"The New Normal of Medical Care and Education in  
Resource-Limited Settings: COVID-19 Pandemic and  
Beyond"

NOVEMBER 7TH-10TH, 2020

ONLINE CONFERENCE, JAKARTA

HOLD BY:



# WELCOME MESSAGE

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The novel coronavirus disease 2019 (COVID-19) began in China in December 2019 and continues affecting millions of people around the world. Now, it has gained the status of a pandemic, reaching 12.3 million cases globally, and 13,488 cases in Indonesia alone as this foreword is written, six months after the disease began to spread. The healthcare system is only a part that is being affected by the COVID-19 pandemic. It has created changes in every aspect of our lives such as social and economics situation. The Indonesian government has created the term “New Normal” to describe this era; the time in which we continuously battle the pandemic while resuming our previous activities. Despite being in the “New Normal” era, the struggle in managing this disease becomes even more difficult, especially in a developing country that comprises thousands of islands such as Indonesia. While international studies are being conducted, we need also to think about how to expand our measures to these areas, be it with a new approach or lesser-known, existing one. We do not only need innovations in treatment and vaccines, but also in other aspects such as diagnosis, understanding of mechanism, and policy-making. The Faculty of Medicine Universitas Indonesia, in accordance with dr. Cipto Mangunkusumo National General Hospital, Universitas Indonesia Academic Health System (AHS) and Indonesian Innovation for Health (INNOVATE), brings this issue in the 5th International Conference and Exhibition on the Indonesian Medical Education and Research Institute (ICE on IMERI). The 5th ICE on IMERI will be a virtual event that brings together a multi-disciplinary group of various professions such as academicians, policy makers, researchers, clinicians, engineers, or any other professions to present and exchange ideas regarding research in the time of COVID-19 pandemic. While the program comprises main symposium, there are pre- and post-congress workshop that the attendees can join. With “The ‘New Normal’ of Medical Care and Education in Resource-Limited Settings: COVID-19 Pandemic and Beyond” as our theme, let us collaborate and contribute in battling against the COVID-19 pandemic in the 5th ICE on IMERI,

**SINCERELY,**

**DICKY L. TAHAPARY, MD, PHD**  
CHAIRPERSON, THE 5TH ICE ON IMERI



International Conference and Exhibition on the  
Indonesian Medical Education and Research Institute

**Symposium | Workshop | Free Paper**

**November 7-10, 2020**



**"The New Normal of Medical Care and Education in Resource-  
Limited Settings: COVID-19 Pandemic and Beyond"**

# SCIENTIFIC SCHEDULE

Monday, November 9, 2020

## Topic

### Time

08.00 – 10.00	Free Paper 1A	Free Paper 1B	Free Paper 1C	Free Paper 1D
10.00 – 10.30	OPENING MC CHAIRMAN THE 5 <sup>th</sup> ICE ON IMERI DIRECTOR IMERI FKUI DEAN FKUI			
10.30- 12.30	PLENARY LECTURE SERIES I Moderator: Prof. Budi Wiweko			
10.30 – 10.55	PLENARY LECTURE 1 The role of medical research in pandemic response and readiness Prof. Bambang Soemantri			
10.55- 11.20	PLENARY LECTURE 2 The future of medical technology and Artificial Intelligence in the new normal Prof. Guang Zhong Yang			
11.20 - 11.45	PLENARY LECTURE 3 The Importance of Genomic Big Data Analysis in Pandemic Response Prashanth N Suravajhala			
11.45 - 12.10	PLENARY LECTURE 4 Challenges, opportunities, and possible frameworks for continuing to build bioinformatics software communities across Asia Rowland Mosbergen			

PANEL DISCUSSION	
12.10 – 12.30	BREAK
12.30 – 13.00	BREAK
13.00 – 14.00	<p style="text-align: center;"><b>SYMPOSIUM 1A</b> [Infectious disease and immunology]</p> <p style="text-align: center;"><b>Clinical Manifestations of COVID-19: From A to Z</b> (Robert Sinto)</p> <ol style="list-style-type: none"> <li>a. Typical and Atypical Manifestations of COVID-19 ( Adityo Susilo )</li> <li>b. Thromboemboli in COVID-19 Infection (Lugyanti Sukrisman)</li> </ol>
14.00- 15.00	<p style="text-align: center;"><b>SYMPOSIUM 2A</b> [Medical Technology]</p> <p style="text-align: center;"><b>Using Medical Technology for COVID-19 Imaging in Resource-Limited Setting</b> (Muhammad Nadhif)</p> <ol style="list-style-type: none"> <li>1. Application of Digital Technology in COVID-19 Pandemic ( Prasandhya Astagiri Yusuf)</li> <li>2. The “FIGHT COVID” Study: Utilizing Artificial Intelligence to Diagnose COVID-19 (Eric Daniel Tenda)</li> </ol>
13.00 – 14.00	<p style="text-align: center;"><b>SYMPOSIUM 1B</b> [Occupational and Environmental Health]</p> <p style="text-align: center;"><b>Occupational Adjustments During COVID-19 Pandemic</b> (Muchtarruddin Mansyur)</p> <ol style="list-style-type: none"> <li>a. Recommendations in Workplace Policy to Prevent COVID-19 (Astrid B Sullistomo)</li> <li>b. Work from home: Tips and Tricks (Dewi Yunia Fitriani)</li> </ol>
13.00 – 14.00	<p style="text-align: center;"><b>SYMPOSIUM 1C</b> [Human Nutrition]</p> <p style="text-align: center;"><b>Diet, planet, and health: sustainable food system for promotive and preventive care</b> (Nurul Ratna Mutu Manikam)</p> <ol style="list-style-type: none"> <li>1. Building sustainable food system in health care (Rina Agustina)</li> <li>2. Hidden Cost dari Sistem Pangan dan Tata Guna Lahan di Indonesia (Romauli Panggabean)</li> </ol>
14.00- 15.00	<p style="text-align: center;"><b>SYMPOSIUM 2B</b> [Infectious disease and immunology]</p> <p style="text-align: center;"><b>The “Red and White” Vaccine: Providing National Prevention against COVID-19</b> (Beti Ernawati)</p> <ol style="list-style-type: none"> <li>a. Potential Vaccine for SARS CoV2: What to Expect? (Amin Soebandrio)</li> <li>b. COVID-19 Vaccine in Indonesia: Preliminary Results (Kusnandi Rusmil)</li> </ol>
14.00- 15.00	<p style="text-align: center;"><b>SYMPOSIUM 2C</b> [Human Nutrition]</p> <p style="text-align: center;"><b>Diet, Probiotic, Microbiome, and Coronavirus: Gut-Brain-Lung-Immune-Axis</b> (Prof Badriul Hegar)</p> <ol style="list-style-type: none"> <li>1. Dietary modulation of Probiotic, Infection and Covid-19 (Rina Agustina)</li> <li>2. Microbiota, Gut-Brain-Lung-Immune-Axis and Dysbiosis in Covid-19 (Prof Murdani Abdullah)</li> </ol>

# SCIENTIFIC SCHEDULE

Tuesday, November 10, 2020

Time	Topic			
08.00-09.00	<p><b>SYMPOSIUM 3A</b> [Human Genetics]</p> <p><b>Genetic and Diagnostic Aspects of COVID-19 Infection</b> (Ina S Timan)</p> <ol style="list-style-type: none"> <li>Host genetic susceptibility towards COVID-19 Infection (Yulia Ariani)</li> <li>Diagnostic Methods for COVID-19 in Resource-Limited Setting (Vivi Setiawaty)</li> </ol>	<p><b>SYMPOSIUM 3B</b> [Infectious disease and immunology]</p> <p><b>Clinical Management and Outcomes of COVID-19: Sharing Sessions</b> (Erni Juwita Nelwan)</p> <ol style="list-style-type: none"> <li>Clinical Management of COVID-19: Lessons Learned from Persahabatan Hospital (Erlina Burhan)</li> <li>Predictors and Outcome of Severe COVID-19: Lessons Learned from Dr. Cipto Mangunkusumo Hospital (Mira Yulianti)</li> </ol>	<p><b>SYMPOSIUM 3C</b> [Stem Cell and Tissue Engineering]</p> <p><b>Updates on Stem Cells and Secretome for COVID-19</b> (Prof. Ismail Hadisoebroto Dilogo)</p> <ol style="list-style-type: none"> <li>MSC vs Secretome for COVID-19 therapy (Prof. Jeanne Adiwinata Pawitan)</li> <li>Designing stem cell EVs for Covid19 therapy (Radiana Dhewayani A)</li> </ol>	
09.00 – 10.00	<p><b>SYMPOSIUM 4A</b> [Drug Development]</p> <p><b>Updates on COVID-19 Medicines</b> (Adisti Dwijayanti)</p> <ol style="list-style-type: none"> <li>Potential Antiviral Drug for SARS CoV-2: Results from RCTs (Robert Sinto)</li> <li>Indonesian traditional medication for preventing COVID-19 (Prof. Erni Purwarningsih)</li> <li>Virtual Screening on Indonesian Herbal Compounds as COVID-19 Supportive Therapy with Molecular Modeling Approach (Linda Erlina)</li> </ol>	<p><b>SYMPOSIUM 4B</b> [Neuroscience and Brain Development]</p> <p><b>COVID-19's Impact on the Human Mind</b> (Khamelia Malik)</p> <ol style="list-style-type: none"> <li>Depression Prevention in the COVID-19 Pandemic Era (Martina Wiwie)</li> <li>The Role of Brain Plasticity in Depression (Nurhadi Ibrahim)</li> <li>Anxiety as a manifestation of misconception amidst COVID-19 pandemic (Sylvia Detri Elvira)</li> </ol>	<p><b>SYMPOSIUM 4C</b> [Metabolic Disorder, Cardiovascular, and Aging]</p> <p><b>COVID-19, Aging and Nutrition and Diabetes</b> ( Lusiani)</p> <ol style="list-style-type: none"> <li>The Role of Nutrigenomics in Managing Diabetes in The New Normal Era ( Nanny N.M Soetedjo )</li> <li>The Inter-relation between COVID-19 and Aging (Agian Jeffliano Barinda)</li> <li>Metabolic and Immunology Changes in Diabetes Patients with COVID-19 (Farid Kurniawan)</li> </ol>	
10.00 – 12.00	Free Paper 2A	Free Paper 2B	Free Paper 2C	Free Paper 2D

12.00 – 13.00	BREAK
13.00 – 15.00	<p><b>PLENARY LECTURE SERIES II</b>  Moderator: Diantha Soemantri</p>
13.00 - 13.25	<p>PLENARY LECTURE 5  <b>Revolutionizing medical education in resource-limited setting during pandemic</b>  Prof. Madawa Chandratilake</p>
13.25 – 13.50	<p>PLENARY LECTURE 6  <b>Update on Experiences with the 1.5 meter distance restriction in anatomy teaching due to the COVID-19 Regulations</b>  Prof. Marco C. DeRuiter</p>
13.50 – 14.15	<p>PLENARY LECTURE 7  <b>Mitigating the collateral damage of emergency COVID-19 outbreak policies</b>  Prof. Dra. Fatma Lestari</p>
14.15 – 14.40	<p>PLENARY LECTURE 8  <b>Outbreak Policies for COVID-19: Lessons Learned from Jakarta</b>  dr. Dwi Oktavia</p>
14.40 – 15.00	PANEL DISCUSSION
15.00 - selesai	CLOSING





the **5<sup>th</sup>** **ICE** on  
**IMERI**

POSTER PRESENTATION

DAY- 1  
MONDAY, NOV 9TH 2020  
08.00-10.00 AM

**TOPIC:**

*Room 1: Human Genetic, Stem Cell, Cancer*  
*Room 2: Infectious Disease*  
*Room 3: Metabolic and Cardiovascular*  
*Room 4: Human Reproduction, Neuroscience*

*Platform: Zoom Meeting*

Room 1 (Stem Cell; Human Genetic; Cancer)

Dr. dr. Hariyono Winarto, Sp. OG (K)

Dr. dr. Yulia Ariani, Sp. A (K)



<https://us02web.zoom.us/j/82225910982?pwd=ZDJCVGhrNUdyMFVjeEITVpWdIZ2dz09>

28859

**Variant Detection in Exon 12 of Galactosamine (N-Acetyl)-6-Sulfatase (GALNS) in Mucopolysaccharidosis Type IVA Patients in Indonesia**

Nurul Muhammad Prakoso

Human Genetic Research Center, Indonesian Medical Education and Research Institute (IMERI)  
Jakarta

27809

**Natural Killer/T-Cell Lymphoma in the Lacrimal Sac after Dacryocystorhinostomy and Two Years Outcome**

dr. Yulia Irawati, SpM(K)

Plastic and Reconstructive Surgery Division, Department of Ophthalmology, Faculty of Medicine  
University of Indonesia, dr. Cipto Mangunkusumo Hospital; JEC Eye Hospitals, Jakarta, Indonesia

28134

**Amnion Bilayer as Artificial Skin for Wound Healing Treatment of Full Thickness Burn Model**

Nur Amalina Fitria, SSi, MSi

Indonesian Medical Education and Research Institute (IMERI), Jakarta, Indonesia

28864

**Genetic Analysis in Exon 14 of Galactosamine (N-Acetyl)-6-Sulfatase (GALNS) in Patients with Morquio A in Indonesia**

Nurul Muhammad Prakoso

Human Genetic Research Center, Indonesian Medical Education and Research Institute (IMERI),  
Universitas Indonesia, Jakarta, Indonesia

28005

**Immunoexpression of Human Telomerase Reverse Transcriptase (hTERT) in Fibroadenoma and Phyllodes Tumors of the Breast**

Dr.dr. Fairuz, SpPA, M.Kes

Biology Molecular Laboratory, Faculty of Medicine and Health Science, Jambi University

28049

**Pterygium excision with transplantation of freeze-dried amniotic membrane and conjunctival-limbal graft: Evaluation of conjunctival inflammation and interleukin-6 in tears**

Dr. dr. Made Susiyanti SpM(K)

Division of Infection and Immunology, Department of Ophthalmology, Faculty of Medicine,  
University of Indonesia, Cipto Mangunkusumo-Kirana Hospital

27781

**Association of CD44 Expression with Histopathological Grade in Mucoepidermoid Carcinoma of Salivary Gland**

dr. Stella Marleen, SpPA

Department of Anatomical Pathology, Faculty of Medicine, Universitas Indonesia / dr. Cipto  
Mangunkusumo Hospital

28578

**Identification of a Pathogenic Variant p.Ser333Leu in the IDS Gene of Hunter Syndrome Patients in Indonesia**

Nurul Muhammad Prakoso

Human Genetic Research Center, Indonesian Medical Education and Research Institute (IMERI),  
Jakarta

28606

**Bone Marrow MSCs Seeded in Platelets Matrix as Candidate for Wound Healing Released Higher VEGF Compared to Umbilical Cord MSCs**

Tyas Rahmah Kusuma SP

Indonesian Medical Education and Research Institute (IMERI), Jakarta, Indonesia

28618

**Genipin Crosslinked Blended Collagen-Chondroitin Scaffold in Cartilage Tissue Engineering: In Vitro Study**

dr. Raden Ayu Anatriera, MPH, Sp.THT-KL

Departement of ORL-HNS, Faculty of Medicine University of Indonesia/Cipto Mangunkusumo  
Hospital

Room 2 (Infectious Disease)  
Dra. Beti Ernawati Dewi, Ph.D  
Dr. dr. Khie Chen, Sp.PD-KPTI



<https://us02web.zoom.us/j/82225910982?pwd=ZDJCVGhrNUdyMFVjeEITVpWdIZ2dz09>

28045

**Positive Cumulative Fluid Balance is a Risk Factor of Mortality in Critically Septic Patients: Observational Analytic Study**

dr. Stevanus Eliansyah Handrawan

Staff assistant, Department of Anesthesia and Intensive Care, Universitas Sriwijaya-RSMH, Palembang-Indonesia

28051

**17-hydroxyprogesterone, dehydroepiandrosterone, androstenedione levels in septic shock: a piglet model**

DR dr Bina Akura SpA

Fatmawati Hospital, Jakarta, Indonesia

28793

**Antibiotic Stewardship Knowledge and Belief Difference among Healthcare Professionals in Hospitals**

Fauna Herawati, M.Farm-Klin., Apt.

Department of Clinical and Community Pharmacy, Faculty of Pharmacy, Universitas Surabaya

28806

**Morbidity and Mortality Analysis COVID-19 Preoperative Screening Protocols for Elective Neurosurgical Procedures in Tertiary Hospital**

dr. Arief Purwodito

Department of Neurosurgery, Faculty of Medicine Universitas Indonesia, Cipto Mangunkusumo National General Hospital

28832

**Conceptualizing Systemic Relationship in Indonesia COVID-19 Management: A System-based Approach**

dr. Kemal N. Siregar, SKM, MA,Ph.D

Health Informatics Research Cluster Universitas Indonesia

28853

**Evaluation of Mass Drug Administration for Filariasis in West Papua**

Assyifa Gita Firdaus, S.Ked

Department of Parasitology, Faculty of Medicine, Universitas Indonesia,

28984

**Ocular surface transmission and manifestations in COVID-19 : A Systematic Review**

Marchia Primarhyani, MD

Faculty of Medicine, Universitas Indonesia

28975

**Prognostic Factors of Mortality in Covid-19 Patients in Dr. Iskak Tulungagung General Hospital**

dr. Nuri Indahwati

RSUD Dr. Iskak Tulungagung

28948

**Successful Treatment of Severe Pediatric Vivax Malaria with Enterally Administered Artemisinin-Combination Therapy: A case report**

Valensia Vivian The, MD

Karitas Waitabula Hospital

28972

**Validation Test of Sequential Organ Failure Assessment Score in Predicting 28-day Mortality due to COVID-19 in Intensive Care Unit**

dr. Defitra Nanda Sasmita

Department of Anesthesiology and intensive care, Cipto Mangunkusumo Hospital

## Room 3 (Metabolic and Cardiovascular)

dr. Sunu B Raharjo, Sp.JP, Ph.D.

Dr. drs. Heri Wibowo, M.Biomed



<https://zoom.us/j/96529547803?pwd=bWFFTXNiTKYxWE5HV2lnUGc5ZXNEZz09>

28063

**Alteration of Heart Interleukin-10 Level on Aged Sprague-Dawley Rats Treated with Centella asiatica Extract and Acalypha indica Linn Extract**

Muhammad Faris Rizqhilmi

Undergraduate Student, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

28073

**Cardiac Function of Cobalamin Deficient Rats: Focus on Expression of Cardiomyocyte Peroxisome Proliferator Gamma Coactivator (Pgc-1 $\alpha$ ) and Brain Natriuretic Peptide (BNP)**

dr. Imelda Rosalyn Sianipar, M.Biomed, PhD

Department of Medical Physiology, Faculty of Medicine, Universitas Indonesia

28567

**The Difference of Metabolic Syndrome Profile and Lipocalin-2 Level among Young Adult in Rural and Urban Area**

dr. Primasari Deaningtyas

Department of Internal Medicine, Faculty of Medicine, University of Indonesia

28576

**Development of Cardiovascular Disease Predictive Model in Dysglycemia: Cohort Study of Risk Factor for Non-Communicable Disease in Bogor**

dr. Marcel Hamonangan Reinhard Sibarani

Internal Medicine Departement RSCM

28789

**Expression of Foxo1 Protein and Glucose 6 Phosphatase Gene in Rat with Vitamin B12 Restriction Diet**

dr. Marcel Antoni

Master Program in Biomedical Sciences, Department of Medical Physiology, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

28822

**Adipokines Profile of First-Degree Relatives Type 2 Diabetes Mellitus**

dr. Cindya Klarisa Simanjuntak, Sp.PD

Internal Medicine Department, Faculty of Medicine Universitas Indonesia, Cipto Mangunkusumo National General Hospital

28823

**Carotid Intima Media Thickness in Graves' Disease: Comparing Overt Hyperthyroid and Remission State**

dr. Intan nurjannah, SpPD

Department of Internal medicine, Dr. Cipto Mangunkusumo National General Hospital, Faculty of medicine Universitas Indonesia

28825

**The Cut-off Values of Homeostasis Model Assessment of Insulin Resistance (HOMA-IR) and Triglyceride/Glucose (TyG) Index for Metabolic Syndrome: A Cross-Sectional Study in Indonesian Rural Population**

dr. Livy Bonita Pratisthita

Department of Internal Medicine, Dr. Cipto Mangunkusumo National General Hospital, Faculty of Medicine

28835

**Butyrate Reduced Inflammatory Response in LPS-Stimulated peripheral Blood Mononuclear Cells of Type 2 Diabetes Mellitus**

dr. Rona Kartika, M. Biomed

Division of Metabolic Endocrinology and Diabetes, Department of Internal Medicine, Faculty of Medicine, Universitas Indonesia

Room 4 (Human Reproduction; Neuroscience)  
Dr. dr. Martina Wiwie Setiawan Nasrun Sp.KJ (K)  
Dr. dr. Silvia Werdhy Lestari, M. Biomed, Sp.And



<https://us02web.zoom.us/j/84126524371?pwd=d0lRVtDjc2l1UWkrZlEvQzNjeXkvUT09>

28842

**Non-convulsive Status Epilepticus in Adult Moderate-Severe Traumatic Brain Injury Patients and Associated Risk Factors**

Dr. dr. Fitri Octaviana, Sp.S(K), M.Pd.Ked

Departement of Neurology, Faculty of Medicine, University of Indonesia, Cipto Mangunkusumo National Central General Hospital

28782

**CD160 and CD28 Impact on Natural Killer (NK) Cell-induced by Interleukin-2 in Endometriosis Women**

dr. Kevin Ardito

Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Faculty of Medicine, Universitas Indonesia,

28790

**Propofol Might Improve Neurological Function but not the Pro-inflammatory mRNA Cytokines Gene Expression in Rat Model of Traumatic Brain Injury: A Preliminary Study**

dr. Riyadh Firdaus, Sp.An-KNA

Department of Anesthesiology and Intensive Care, Faculty of Medicine, University of Indonesia

28810

**Middle Cerebral, Internal Carotid, and Common Carotid Artery Pulsatility Index in Cerebral Small Vessel Disease**

dr. Putri Widya Andini, MSc

Department of Neurology, Faculty of Medicine Universitas Indonesia/Dr. Cipto Mangunkusumo Hospital, Jakarta, Indonesia

28840

**Psychosis Profile in Focal Epilepsy**

dr. Tetti Agustin, Sp.N

Department of Neurology, Faculty of Medicine Universitas Indonesia/Dr. Cipto Mangunkusumo Hospital

28843

**Proportion of Poor Quality of Sleep in Patients with HIV on Antiretroviral Therapy**

Dr. dr. Fitri Octaviana, Sp.S(K), M.Pd.Ked

Departement of Neurology, Faculty of Medicine, University of Indonesia, Cipto Mangunkusumo National Central General Hospital

28971

**Antenatal Care and Maternal Well-Being during COVID-19 Pandemic in Jakarta**

dr. Davrina Rianda, M.Gizi

Human Nutrition Research Center, Indonesian Medical Education and Research Center, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

28964

**ASSOCIATED FACTORS OF DEPRESSION AND ANXIETY IN UNDERGRADUATE MEDICAL STUDENTS**

dr. Sanny Winardi

Department of Psychiatry, School of Medicine and Health Sciences, Atma Jaya Catholic University of Indonesia, Jakarta, Indonesia

28970

**Factors Associated with Anemia among First and Second Trimester Pregnant Women in Jakarta**

Rachmi Mufida, S.Gz

Department of Nutrition, Faculty of Medicine, Universitas Indonesia-Dr Cipto Mangunkusumo General Hospital

28769

**Malignant Transformation of Endometriosis Externa**

dr. Leonita Triwachyuni Agustina Sutrisna

Departemen Obstetri dan Ginekologi, Rumah Sakit Cipto Mangunkusumo



the **5<sup>th</sup>**  **ICE on**  
**IMERI**

POSTER PRESENTATION

DAY- 2  
TUESDAY, NOV 10TH 2020  
10.00 AM-12.00 PM

**TOPIC:**

*Room 5: Artificial Intelligence, Medical  
Technology, General Surgery  
Room 6: Epidemiology, Medical Education,  
Occupational and Health Environment  
Room 7: Hypoxia and Oxidative Stress,  
Human Nutrition, Sport Studies  
Room 8: Drug Development*

*Platform: Zoom Meeting*

Room 5 (Artificial Intelligence; Medical Technology;  
General Surgery)

Prasandya Astagiri Yusuf, S.Si, M.T., Ph.D.

dr. Harrina R. Rahardjo, Sp.U (K), PhD

<https://us02web.zoom.us/j/85925791247?pwd=akY5R2xJaWY4STNTRIQxU04xSWk5QT09>



27771

**Satisfaction and Quality of Life of Microtia Patients Following Reconstructive Surgery Using Nagata Technique**

Robert Mars, MD, ORL-HNS

ORL-HNS Department of Cipto Mangunkusumo Hospital

28833

**Case Report: Keystone type IV Perforator Flap for Patellar Defect Reconstruction in Psoriatic Patient**

dr. Amila Tikyayala Purnomo

Division of Plastic and Reconstructive Surgery, Department of Surgery, Cipto Mangunkusumo General Hospital Faculty of Medicine Universitas Indonesia

28056

**Cumulative Fluid Balance and Urine Albumin-Creatinin Ratio are able to Predict Capillary Leakage in Major Abdominal Surgery: Prospective Observational Study**

dr. Ade Susanti, SpAn

Department of Anesthesia and Intensive Care, University of Jambi – RSUD Raden Mattaher, Jambi-Indonesia

28827

**Whole Innovation Solution (WInS) Thinking in the New Normal Era**

Tegar Septyan Hidayat, ST, MT, CSSMBB, CPT

Public Health Faculty, Universitas Indonesia; B3C Global

28838

**Closure of Thoraco-Omphalopagus Conjoined Twins Defect after Separation Using Local Perforator Flaps during COVID-19 Pandemic**

dr Nandita Melati Putri, SpBP-RE(K)

Division of Plastic, Reconstructive, and Aesthetic Surgery, Department of Surgery, Cipto Mangunkusumo Hospital, Faculty of Medicine Universitas Indonesia

28609

**Efficiency of Artificial Intelligence – Based Computer Program in Detection of Pulmonary Tuberculosis: A Systematic Review**

dr. Stefanus Imanuel Setiawan

Faculty of Medicine Universitas Indonesia

28779

**Artificial Intelligence Diagnosis of COVID-19 Using Chest X-rays: Systematic Review and Meta-analysis**

Gideon Hot Partogi Sinaga

Faculty of Medicine, Universitas Indonesia

28974

**CERVICAL CANCER SCREENING USING DEEP LEARNING CLASSIFICATION MODEL**

Natashya Eliora

Universitas Indonesia

28976

**The Development of an Android-based Lung Sounds Auscultation Classification using Convolutional Neural Network Model**

Adam Maulana

Faculty of Computer Science, University of Indonesia

28539

**Use of Furosemide in Traumatic Hemothorax With Low Central Venous Pressure Targeted to Preserve Renal Function**

dr. Shandy Iskandar, SpAn

Intensive Care Fellowship Program, Department of Anesthesiology and Intensive Care, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

Room 6 (Epidemiology; Medical Education;  
Occupational & Environmental Health)

Dr. dr. Rita Mustika, M.Epid

dr. Indah Suci Widyahening, M.S., M.Sc-CMFM, PhD

<https://zoom.us/j/97933971172?pwd=aitSVWoyM1NkU0lnaitXT0xQL2E3UT09>



27791

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dr. Attika Adrianti Andarie, MSc

Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

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Master of Occupational Medicine, Faculty of Medicine, Universitas Indonesia

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Department of Surgery, School of Medicine and Health Sciences, Atma Jaya Catholic University of Indonesia

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Simulation Based Medical Education and Research Center, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia

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Departemen Bedah Saraf FKUI-RSCM

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Department of Community Medicine, Faculty of Medicine, Universitas Indonesia

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dr. Ratih Nurdiany Sumirat

Occupational Medicine Division, Department of Community Medicine, Medical Faculty, University of Indonesia, Jakarta

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Atma Jaya Catholic University of Indonesia

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dr. Diar Riyanti, BMedSc(Hons)

Faculty of Medicine, Universitas Indonesia



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Sport Studies)

Prof. Dr. dr. Sri Widia Jusman, M.S.

dr. Rina Agustina, MSc, PhD



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dr. Shandy Iskandar, SpAn

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Dr. Romi Akbar, Sp.An

Trainee of Intensive Care Fellowship Program, Universitas Indonesia-Rumah Sakit Cipto Mangunkusumo, Jakarta -Indonesia

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Physical Medicine and Rehabilitation, Faculty of Medicine Universitas Indonesia /dr. Cipto Mangunkusumo General Hospital

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Physical Medicine and Rehabilitation, Faculty of Medicine Universitas Indonesia /dr. Cipto Mangunkusumo General Hospital

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dr. Anna Steven

Resident of Sports Medicine Program, Department of Community Medicine, Medical Faculty Universitas Indonesia

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Indriani Wisnu Susanto Panjaitan, S.Si

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dr. Ayu Diandra Sari, MM., M.Gizi

Department of Nutrition, Faculty of Medicine Universitas Indonesia-Dr. Cipto Mangunkusumo Hospital

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Dr.dr. Indranila KS, SpPK(K)

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Room 8 (Drug Development)  
Linda Erlina, S.Farm, M. Farm  
Prof. Dr.rer.physiol. dr. Septelia Inawati Wanandi



<https://us02web.zoom.us/j/81455613024?pwd=dC9oMldJRFJlK2t1Mm1rQmo5WERCdz09>

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Dr.dr. Fairuz, SpPA, M.Kes

Biology Molecular Laboratory, Faculty of Medicine and Health Science, Jambi University

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Muhammad Yusuf

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dr. Andy

Anesthesiology Resident, Department of Anesthesiology and Intensive Care, Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia

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Dr. Yudi Purnomo, M.Kes, Apt.

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Dr. dr. Dini Sri Damayanti, MKES

Physiology Department of Medical Faculty of Universitas Islam Malang

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Medical Faculty of Universitas Islam Malang

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Faculty of Medicine, Universitas Indonesia

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Department of Anatomic Pathology, Faculty of Medicine, Universitas Indonesia



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POSTER DISPLAY & POSTER PRESENTATION



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