

Table of Contents

Proceedings of 2018 International Conference on Healthcare Service Management (ICHSM 2018)

Preface.....VII

Conference Committees.....VIII

• *Session 1- Medical Data Mining and Modeling*

Critical Factors of Lean Healthcare: an Overview 1

Carlos Zepeda-Lugo, Diego Tlapa, Yolanda Baez-Lopez and Jorge Limon-Romero

Dynamic System Modeling in Estimating Prevalence of Undernutrition and Malnutrition in South Sulawesi 8

Andi Nur Utami, Ridwan A and Tahir Abdullah

• *Session 2- Medical and Health Statistics*

The Quality of Antenatal Care in Integrated Service Post of Urban and Rural Areas of Jeneponto Regency in 2016 15

ANDI NURFAIDAH, Ansariadi and Suriah

Influence Factors on Blood Glucose Level of Diabetes Mellitus Patients in Makassar 20

Yulinar Fitria Firdiani, Andi Zulkifli and Mappedy Nyorong

The Effect of Giving Barusa Kacang Gude on the Body Weight, the Upper Arm Circumference, and the Total Protein Concentration of Elementary School Students With Malnutrition in Bonto Ramba Sub District, Jeneponto Regency 25

Chairul Amal Muthalib, Suryani As'ad and Citrakesumasari

Risk Analysis Toxic Materials Borax and Rhodamine- B in Snack Against Primary School Children's Health in Housing Area of Tamalanrea Permai Makassar 30

Andi Veny Kurniawan, Anwar Daud and Saifuddin Sirajuddin

Quality of Antenatal Care at Rural and Urban Primary Health Centre in Jeneponto Regency 35

NURUL FAUZIAH, Ansariadi and Darmawansyah

The Quality of Life (QoL) of Young Adult Hypertension Patients Undergoing Treatment in Hospitals of Makassar City 41

NURFAIZIN YUNUS, Ida Leida Maria and Syamsiar S. Russeng

The Effect of Purple Sweet Potatoes and Sting Ray Treatments on The Nutritional Status of the Babies Aged 6-11 Months in Pattalassang Health Center, Takalar Regency In 2015 47

Nurul Ulfiana Sahlan, Burhanuddin Bahar and Ansariadi

Factors Related of Work Environment on Officials Work Satisfaction of Health Centers in Keerom Regency Papua Province in 2016 52

Agustiana Kaikatuy, Syahrir A. Pasinringi and Nurhaedar Jafar

Relationship Analysis Between Staphylococcus and Pseudomonas Bacteria in Air and Nosocomial Infection Incident Potential in Intensive Care Unit Room of Dr. Wahidin Sudirohusodo Central General Hospital	57
<i>Owildan Wisudawan B, Anwar Daud and Atjo Wahyu</i>	
Analysis of Indoor Air Quality with Lung Capacity of the Residents Living on Abdullah Daeng Sirua Street of Makassar	62
<i>Putri Nur Rahmah, Anwar Daud and Veni Hadju</i>	
Relationship Between Hormonal Contraception Use with Age of Menopause Among Elderly at Posyandu Sidodadi Village Wonomulyo Subdistrict Polewali Mandar District	68
<i>Raodah, Masni and Ridwan M.Thaha</i>	
Relationship Between Women Empowerment and the Use of Contraception in Pasarwajo Distric of Buton Regency	73
<i>Wa Ode Dita Arliana, Masni and Anwar Daud</i>	
Correlation Between Life Style and Dyslipidemia with Impaired Fasting Blood Sugar in State Junior High School and State Senior High School Having Central Obesity	78
<i>Ijah Rahayu, Veni Hadju and Ridwan M. Thaha</i>	
Correlation Between the Exclusive Breastfeeding and THE Duration of the Amenorhoa Lactation at the Work Region of North Galesong Community Health Center	83
<i>Anisa Fitrianti, Syahrir A. Pasinringi and Nurhaedar Jafar</i>	
Correlation Between Nutritional Behavior and Lipid Profile and Fasting Blood Sugar of State secondary school Teachers Having Central Obesity in Makassar City	87
<i>Nikmah Saro, Veni Hadju and Atjo Wahyu</i>	
An Analysis of the Mine Dust Exposure Risk and Other Risks for Tuberculosis Suspects Among the Workers of the People's Gold Mine in Poboya Village, Palu City	92
<i>Dilla Srikandi Syahadat, Ida Leida Maria and Anwar</i>	
Counseling Quality of Danger Signs Pregnancy in Work Region or Rural and Urban Primary Health Center District Jeneponto	99
<i>Hafidah Amiruddin, Ansariadi and Sukri Palutri</i>	
The Spatial Pattern and Risking Factors of Leprosy Incident in Barru Regency in 2013-2015	105
<i>Handayani, Anwar and Muh. Tahir Abdullah</i>	
Risk Factors of the Occurance of Decompression Sickness Among Fishermen Community to Traditional Divers of Saponda Island Konawe Regency Southeast Sulawesi Province in 2016	113
<i>Jusmawati, A. Arsunan Arsin and Furqaan Naiem</i>	
Correlation Between Life Style and Dyslipidemia of Teacher Secondary School with Central Obesity in Makassar City 2016	117
<i>Masdiana, Burhanuddin Bahar and Masni</i>	
Association of Nutritional Status with Anemia on Malaria Patient with Dihydroartemisinin Pipperaqueine Treatment in Southwest Sumba 2015	125
<i>Renni Meliahsari, Nurpudji A. Taslim and Citrakesumasari</i>	

Survival of Breast Cancer Patients in Several Hospitals of Makassar City 2012-2016	132
<i>Sarmila, Nur Nasry Noor and Suriah</i>	
Spatial Pattern and Risking Factors of Tuberculosis Disease Occurrence in Barru Regency	141
<i>Satriani, Anwar and Suriah</i>	
Relationship Of Exposure Of Air Pollution In House With Occurrence Of Acute Respiratory Infections In Children Under Five At Puskesmas Malimongan Baru in 2016	149
<i>NUR INDAH SARI, Nur Nasry Noor and Dian Sidik Arsyad</i>	
Quality of Antenatal Care at Community Health Centers and Midwifery Practitioner in Jenepono	154
<i>Zhanaz Tasya, Ansariadi and Ridwan M. Thaha</i>	
Situational Analysis on Health Services for People with Chronic Diseases and Groups with High Risk: A Case Study at Kohkha Municipality, Lampang, Thailand	159
<i>Lapatrada Numkham, Kaysorn Sumpowthong and Porntip Chompook</i>	
Related Factors to the Performance of Cadres of Larva Monitoring and Health Workers in the Control of Dengue High Fever (DHF) in Palopo	165
<i>KHADIJAH MAULINDAH, Sukri Palutturi and Syamsiar S Russeng</i>	
Correlation between the Life Style, Stress, and Leptin Level and the Obesity Status in Teachers of the State Secondary Schools in Makassar City	170
<i>AKHIR PURWATI, Veni Hadju and Tahir Abdullah</i>	
Factors Affecting the Cultural Maturity of the Patient Safety on Medical and Paramedical Officers in DR, Abdul Rival, Local General Hospital in Berau Regency, East Kalimantan Province 2016	174
<i>Nurlaila, Syahrir A. Pasinringi and Andi Zulkifli A</i>	
Analysis of the Environmental Factors and the Efforts of the Community to Avoid the Mosquito Bites Against the Endemic Dengue in Rappocini Sub-District, Makassar City	179
<i>Muh. Kahfi, Hasanuddin Ishak and Ridwan M. Thaha</i>	
Quality of Life of Chronic Renal Failure Patients Before and After Hemodialysis Treatment in Hospital Undata and Hospital Anutapura Palu in 2016	185
<i>Fitri Yanti Usman Heba, Ridwan Amiruddin and Alimin Maidin</i>	
Analysis of the Factor Causing the Medication Error in the Process of Medicine Administration of the Patients at the Adult In-Care Room of Sangatta Regional General Hospital	192
<i>Gunani, Syahrir A. Pasinringi and Noer Bahry Noor</i>	
Correlative Factors on Type 2 Diabetes Prevention Efforts of the Senior High School Students in Makassar	197
<i>Ade Pratiwi Muslimin, Ida Leida M. Thaha and Rismayanti</i>	
Descriptive Epidemiology of Neonatal Mortality in Gowa District 2015	202
<i>Amalya Rezky Putri, Jumriani Ansar and Dian Sidik Arsyad</i>	
Behavioral Prevention of Family Toward Typhoid FEVER Among Children in Kassi-Kassi Public Health Center Working Area at Makassar City 2014-2015	208
<i>Astika Putri, Arsunan Arsin and Indra Dwinata</i>	
Factors Associated with Obesity Prevention Efforts Among the Senior High School Students in Makassar City	212
<i>Elsa W Novianti Helmi, Ridwan Amiruddin and Ida Leida M. Thaha</i>	

Correlative Factors of Stroke Prevention Efforts Among the Senior High School Students in Makassar City <i>Elyeser Tandilino, Ida Leida M. Thaha and Jumriani Ansar</i>	216
Okra Powder Effect to Low Density Lipoprotein and Triglycerides in Diabetic Wistar Rat <i>ANANDA EKA ARWINI, Syahrir A. Pasinringi and Nurhaedar Jafar</i>	221
• Session 3- Applied Statistics and Hospital Management	
The Analysis Service Quality Based on Patient Expectation and Assessment at Mamuju Regecy Local Public Hospital 2016 <i>Hadijah Tuami, A. Indahwaty Sidin and Andi Zulkifli</i>	226
The Effect of Doctors-Patients' Verbal and Non verbal Communication on Patients' Satisfaction in Outpatient Installation of Mother and Child Centre RS Dr. Wahidin Sudirohusodo Makassar <i>Ratna Dewi Artati, Syahrir A. Pasinringi and Nurhaedar Jafar</i>	232
Brand Equity Effect on Service Reutilization Interest of Inpatient Installation of Ibnu Sina Hospital, Makassar in 2015 <i>Sumarni Karurukan Andi Gali, Fridawaty Rivai and Ridwan</i>	237
Factors Associated with Turnover Intention of Nurses in IBNU SINA YW-UMI Hospital Makassar in 2016 <i>A.Yulyandhika. Ah, Amran Razak and Ansariadi</i>	241
Practice of Implementing Standardized Nursing Management in a University Hospital <i>Xiaowen Wang</i>	246
• Session 4- Bioinformatics and Medical Intelligent	
Feature Extraction for Photoplethysmographic Signals using PWA: PPG Waveform Analyzer <i>Pourush Sood, Shibabroto Banerjee, Sujoy Ghose and Partha Pratim Das</i>	250
A Method for Neonates Nursing Decision by Voice Identification <i>Na Kang, Huiyan Wang and Yufan Yuan</i>	256
A Health System for Managingthe Use of Antibacterials <i>Tanghai Liu, Wenjing Deng and Wei Wang</i>	261
Life Chasing - A Location-based Game Prototype for Elderly Health Promotion <i>Meng-Pei Lee, Hsiang-Yu Hu and Hsing Mei</i>	265
Author Index	272