DIETARY INTAKE ASSESSED BY 24-H RECALL ASSOCIATED LUNG FUNCTION IN BUILDING WORKERS

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ABSTRACT

Building workers in carrying out activities often get exposure to air pollution. Increased exposure to pollution will cause respiratory problems. This can cause a decrease in the intake of food consumed by construction workers. This study aims to assess calorie intake in construction workers with respiratory disorders using 24 hour recall. The research design used is case control. The variables in this study were calorie intake through 24 hour recall questionnaires and respiratory disorders using spirometry. The sample in this study amounted to 60 people with respiratory disorders and 60 people without respiratory disorders. The results showed a difference in calorie intake in each group (p=0.000), so it can be concluded that respiratory disorders cause a decrease in the amount of calorie intake consumed by construction workers.

Keywords: Respiratory Disorders, Calorie Intake, 24-H Recalls, Air Pollution
Book of Abstract

Symposium of Public Health
“The Role of Occupational Medicine and Family Medicine in Primary Health Care in The Era of National Health Insurance”

Medical Faculty
University of Muhammadiyah Malang
26th-28th November, 2019
WELCOME MESSAGE
FROM THE CHAIR OF ORGANIZING COMMITTEE

Honorable Ladies and Gentlemen, Rector University of Muhammadiyah Malang, Dean of Medical Faculty, Speakers, all Guests

Assalamu'alaikum Warahmatullah Wabarakatuh

On behalf of the all committee members, it is my great pleasure welcome you to, The Symposium of Public Health Sciences in the unity of The National Cooperation Board of Public Health, Preventive Medicine, Community Medicine Indonesian Medical Faculty and The National Congress of The Indonesian Physician of Community Medicine and Public Health Association, on 26th November – 28th November 2019 at Atria Hotel, Malang, East Java, Indonesia.

The aim of this symposium is to disseminate knowledge, share it to the public and develop ideas for policy makers, from various levels in addressing programs to global health issues.

As the General Chair of this conference, I would like to thank all speakers, all conference committee, all participants, Atria Hotel, our sponsorships, our donors and to everyone who had contributed in many ways to ensure the success of this conference and all of whom have worked tirelessly on this conference.

Finally, I would like to welcome you to Malang, please enjoy the conference and the city of Malang. I will be all over the conference and would like to personally meet and warmly welcome each and every one of you.

Wassalamu'alaikum Warahmatullah Wabarakatuh

Dr. dr. Febri Endra Budi Setyawan, M. Kes
Chair of Organizing Committee
**WELCOME MESSAGE**

**FROM THE DEAN OF MEDICAL FACULTY**

**UNIVERSITAS OF MUHAMMADIYAH MALANG**

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The Symposium of Public Health Sciences which is tangible support from the Medical Faculty, University of Muhammadiyah Malang to improve knowledge and skills on public health issues, gain networking with other health professionals and increase the number of scientific publications for students, lecturers and health professionals. We hope, that this symposium will be held every year.

With the theme of the Conference is “The Role of Occupational Medicine and Family Medicine in Primary Health Care in The Era of National Health Insurance”, we are hoping that the conference will gather the highest possible level of global health issues which can benefit not only Indonesia nations but also International area with regards to health policies and laws, global health finance and a political commitment to make health a priority.

With our sincere gratitude to the all-conference committee, we will do our best to make this conference a successful and fruitful one and lay the firm groundwork for future development of public health.

Wassalamu‘alaikum Warahmatullah Wabarakatuh

**Dr. dr. Meddy Setiawan, Sp.PD., FINASIM**

Dean

Medical Faculty, University of Muhammadiyah Malang
Table of Contents

Article                                                                                                                                                                                                 page

A CROSS SECTIONAL STUDY: RELATIONSHIP BETWEEN SALAT WITH QUALITY OF LIFE IN ELDERLY AT MEDAN DENAI SUB-DISTRICT   1

ANALYSING FACTORS AFFECTING CONTROL ADHERENCE IN DIABETES MELLITUS TYPE II PATIENT                                               2
Gita Sekar Prihanti, Donnaryza Arcintya Ayunata, Edo Fajrin Rahadi, Jauharotul Jannah, Muhammad Tholhah 'Azam, Rafika Kartika Putri, Tutut Widya Nur Anggraini, Ulfa Safitri

ANALYSIS OF MEDIA MESSAGES ON TOBACCO CONTROL POLICY ADVOCACY IN INDONESIA 2010-2015 IN THE CONTEXT OF BIOETHICS                  3
Wahyu Aning Tias, Laksono Trisnantoro, Fatwasari Tetradewi

ANALYSIS SITUATION OF ENVIRONMENTAL SANITATION HYGIENE AT NURIS ISLAMIC BOARDING SCHOOL IN AN EFFORT TO FORM A INDEPENDENT HEALTHY CADRE 4
Adistha Eka Noveyani, Ancah Caesarina Novi Marchianti, Angga Mardro Raharjo

ANALYSIS THE VALUE OF PROGRESS TESTS ON THE AVERAGE VALUE OF KNOWLEDGE IN MEDICAL STUDENTS                                      5
Anung Putri I, Gita Sekar P, Risma Karlina P, Dian Yuliartha L, Dwi Nurwulan P

ATTITUDE AND ACTIVITIES OF THE USE OF ANTIBIOTICS TOWARDS GIANYAR ACUTE INFECTION DISEASE IN MOMS WHO HAVE TODDLERS IN THE WORKING AREA OF TEGALLALANG I GIANYAR DISEASE   6
Mike Rizki Amalia, N. W Cahya Rustina, Made Elshinta Jayanti Astara, Putu Angga Dharmayuda, I Wayan Gede Wirawan, Wayan Citra Wulan Sucipta Putri

CASE REPORT: 51-YEAR-OLD MAN WITH DIABETIC FOOT WITH SUSPECTED OSTEOMYELITIS                                                                                                     7
Moch Hanas Arif, Laksmi Sasiarini

COMMUNITY EMPOWERMENT REGARDING THE ONE JUMANTIK ONE HOUSE PROGRAM IN KELURAHAN KARANG BESUKI, MALANG CITY                          8
Alidha Nur Rakhmani, Lilik Zuhriyah, Rivo Yudhisnata
Article

COMPARISON OF THE EFFECTIVENESS OF BLOOD PRESSURE REDUCTION BETWEEN THE COMBINATION OF ANTI HYPERTENSION PATH OF ANGIOTENSIN RECEPTOR BLOCKER - BETA BLOCKER AND BETA BLOCKER - CALCIUM CHANNEL BLOCKER IN PATIENTS HYPERTENSIVE HEART DISEASE IN DRUG DRUGS
Yanti Harjono Hadiwiardjo, Citra Ayu Aprilia, Mila Citrawati

CORRELATION BETWEEN PROGRESS TEST WITH GRADE PERFORMANCE AVERAGE (GPA) OF MUHAMMADIYAH MEDICAL FACULTY’S STUDENT AT 2018
Risma Karlina P., Gita Sekar P., Anung Putri I., Dian Yuliartha L.

DESCRIPTION OF STUNTING EVENTS IN JUNREJO PUSKESMAS AREA OF BATU CITY IN 2019
Sandra Sangga D

DESCRIPTION OF SPORTS BEHAVIOR OF DIABETES MELLITUS PARTICIPANTS OF CHRONIC DISEASE MANAGEMENT PROGRAM IN KROMENGAN PUSKESMAS MALANG IN 2018
Nur Arafah, Fandi WW

DIETARY INTAKE ASSESSED BY 24-H RECALL ASSOCIATED LUNG FUNCTION IN BUILDING WORKERS
Rivan Virlando Suryadinata, Amelia Lorensia

EATING SNACK FREQUENCY IS ASSOCIATED WITH GENDER AND ATTITUDES AMONG UNIVERSITY STUDENTS
Harun Al Rasyid

EFFECTIVENESS OF EDUCATION AND BALANCE TO REDUCE THE RISK OF FALL IN AGE
The Maria Meiwiati Widagdo, Rambat Sambudi, Jonathan Willy Siagian

EFFECT OF COMBINATION OF MORINGA OLEIFERA LAM EXTRACT AND VITAMIN C, IN IMPROVING INDICATORS OF IRON DEFICIENCY ANEMIA IN MALE WHITE MOUSE LOW IRON DIET AKING RICE
Diah Hermayanti, Hawin Nurdiana

EFFECT OF IRON SUPPLEMENTATION AND RED GUAVA JUICE DOSAGE ON CHANGES IN HEMOGLOBIN LEVELS IN YOUNG WOMEN ANEMIA
Himmatusnisak Mahmudah, Yulia Lanti Retno Dewi, Eti Poncorini Pamungkasari
EFFECT OF PANDAN WANGI (PANDANUS AMARYLLIFOLIUS ROXB) LEAF EXTRACTS ON RECTAL TEMPERATURE DECREASE, TNF-Α LEVELS AND IL-10 LEVELS IN WISTAR RATS INDUCED BY DPT VACCINE
Fathiyah Safithri, Muhammida Fahriana Syahhaq, Indra Setiawan

EFFECT OF THE EDUCATION OF NEEDLESTICK UTILIZATION TOWARDS THE KNOWLEDGE OF PARAMEDICS IN NON-HOSPITALIZATION HEALTHCARE CENTER IN YOGYAKARTA
Kusbaryanto, Febriani

EFFECT OF ZINC AND VITAMIN A SUPPLEMENTATION ON NUTRITION STATUS OF AGES 5-10 YEARS WITH ANEMIA TUBERCULOSIS
Fathul Jannah, Endang L.Achadi, Faisal Yunus, Hartono Gunardi, Elvina Karyadi

FACTORS ASSOCIATED WITH ARB (ACID-RESISTANCE BACILLI) SMEAR CONVERSION FROM POSITIVE TO NEGATIVE AMONG LUNG TUBERCULOSIS PATIENTS, WEST JAKARTA, JULY 2016
Djap Hadi Susanto, Rani Fitria Anggraini, Felicia Rezkhi Putri, Hazirah Binti Hasim

FACTORS AFFECTING NUMBERS FERTILITY AT KEMIS MARKET DISTRICT TANGERANG IN 2018
Dian Sari Rachmawati, Windy Lestari, Sri Wahyuningsih

FACTORS RELATED TO PATIENT REFERRAL FROM PUBLIC HEALTH CENTER TO HOSPITAL
Djap Hadi Susanto, Vaisnvi Muthoovaloo, Sharania Manivannan, Meilan Tahir Refra, Reynaldo Rizky Alexander

FACTORS THAT INFLUENCE THE EXTRAORDINARY EVENT OF CHIKUNGUNUS SUSPEK IN JASRI VILLAGE SUBAGAN SUB-DISTRICT AND KARANGASEM DISTRICT 2017
David Budi Lukito, Soraya Juventia Primadanti, Rania Ayu Permata Putri Kornia, Ni Luh Sri Panca Parwita Sari, Wayan Citra Wulan Sucipta Putri

FACTORS THAT INFLUENCE THE BLOOD CHOLESTERASE ACTIVITY OF VEGETABLE FARMERS USING PESTICIDES IN TLOGOLELE VILLAGE, BOYOLALI
Manggala Sariputri, Ari Natalia Probandari, Hartono

HEALTH DETERMINANTS OF LYMPHATIC FILARIAISIS INCIDENCE IN JUAI SUBDISTRICT, BALANGAN DISTRICT, SOUTH KALIMANTAN
Suriyani Tan, Rina Kurniasri Kusumaratna, Dina Amalia Pratiwi
<table>
<thead>
<tr>
<th>Article</th>
<th>page</th>
</tr>
</thead>
<tbody>
<tr>
<td>IFN GAMMA AND IL-10 RESPONSES IN CHILDREN LIVING WITH ACTIVE TB ADULT REFLECT DISEASE DEVELOPMENT</td>
<td>27</td>
</tr>
<tr>
<td>Pudji Lestari, Edhyana Sahiratmadja, Anang Endaryanto, Suharto</td>
<td></td>
</tr>
<tr>
<td>IMPROVING PARTICIPATION OF PRIVATE PHYSICIAN IN ORDER TO INCREASE CASE DETECTION RATE OF CHILD TUBERCULOSIS WITH ACTIVE MONITORING</td>
<td>28</td>
</tr>
<tr>
<td>METHODS</td>
<td></td>
</tr>
<tr>
<td>Edi Sampana, Rahmiati, Taufiqurrrahman, Fauzi Rahman, Oski Illiandri</td>
<td></td>
</tr>
<tr>
<td>KNOWLEDGE AND ATTITUDE OF DOCTORS TOWARDS HEALTH PROMOTION PROGRAMS IN FIRST LEVEL HEALTH FACILITIES</td>
<td>29</td>
</tr>
<tr>
<td>Suryani Yuliyanti, Purwito Sugeng Prasetijono, Ratnawati</td>
<td></td>
</tr>
<tr>
<td>NUTRITIONAL STATUS PROFILE IN CHILDREN IN THE WORK AREA OF PANTOLOAN COMMUNITY HEALTH CENTER 2019</td>
<td>30</td>
</tr>
<tr>
<td>Munifa Magfhira, Lutfiah Sahabuddin, Muh. Ali Hi. Palanro</td>
<td></td>
</tr>
<tr>
<td>OPPORTUNITIES FOR THE IMPLEMENTATION OF DBD PARTICIPATORY MAPPING TRAINING MODEL FOR CADRE JUMANTIK</td>
<td>31</td>
</tr>
<tr>
<td>Lilik Zuhriyah</td>
<td></td>
</tr>
<tr>
<td>POLICY IMPLEMENTATION OF CERVICAL CANCER EARLY DETECTION PROGRAM THROUGH VISUAL ASSET INSPECTION AT PADANG CITY HEALTH CENTER</td>
<td>32</td>
</tr>
<tr>
<td>Firdawati, Ridholla P.S</td>
<td></td>
</tr>
<tr>
<td>RELATIONSHIP BETWEEN LATENT TUBERCULOSIS AND CONTACT IN TUBERCULOSIS PATIENTS IN THE TAMBORA AND PENJARINGAN DISTRICTS, JAKARTA</td>
<td>33</td>
</tr>
<tr>
<td>Hadiyanto</td>
<td></td>
</tr>
<tr>
<td>RELATIONSHIP BETWEEN FAMILY FUNCTION WITH STUNTING STATUS (STUDY IN THE WORK AREA OF KEBONDALEM PRIMARY HEALTHCARE IN PEMALANG</td>
<td>34</td>
</tr>
<tr>
<td>REGENCY)</td>
<td></td>
</tr>
<tr>
<td>Firdaus Wahyudi, Arwinda Nugraheni, Suharto, Bambang Hariyana, Murni</td>
<td></td>
</tr>
<tr>
<td>RELATIONSHIP OF NUTRITIONAL STATUS AND SMOKING BEHAVIOR IN THE HOUSE WITH OCCURRENCE OF PNEUMONIA IN CHILDREN IN THE HOSPITAL OF</td>
<td>35</td>
</tr>
<tr>
<td>THE SUNDAY MARKET HOSPITAL IN APRIL MONTHS-MAY 2019</td>
<td></td>
</tr>
<tr>
<td>Siti Rafidah Yunus, Maria Ekawati, Pritha Maya Savitri</td>
<td></td>
</tr>
<tr>
<td>Article</td>
<td>page</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>RELATIONSHIP WITH NURSING STRESS WITH EVENTS OF STUNTING IN BADUTA IN PASIRKARAG VILLAGE PANDEGLANG DISTRICT, BANTEN PROVINCE Dini Widianti, Aswan Bagastoro, Mildayanti, Syafhira Ayu Alawiyah, Ulfi Nela Yanar, Zulha Annisa Ichwan</td>
<td>36</td>
</tr>
<tr>
<td>RISK OF GESTATIONAL HYPERTENSION TO NUTRITIONAL STATUS ON CHILD GROWTH</td>
<td>37</td>
</tr>
<tr>
<td>Juliani Ibrahim, Anugerah Insani, Dara Ugi, Bramantyas Hapsari</td>
<td></td>
</tr>
<tr>
<td>ROLE OF VARIATION OF MANNITOL TREATMENT IN ACUTE KIDNEY INJURY IN SPONTANEOUS INTRACEREBRAL HAEMATOMA PATIENTS</td>
<td>38</td>
</tr>
<tr>
<td>Annisa Weningtyas, Feda Makkiyah</td>
<td></td>
</tr>
<tr>
<td>THE CORRELATION BETWEEN WORK STRESS AND BLOOD CORTISOL LEVELS AMONG TEXTILE INDUSTRY WORKERS</td>
<td>39</td>
</tr>
<tr>
<td>Sumardiyono, Balgis, Ari Natalia Probandari, Vitri Widyaningsih, Eti Poncorini Pamungkasari</td>
<td></td>
</tr>
<tr>
<td>THE EFFECT OF FAMILY APGAR ON THE QUALITY OF LIFE PATIENTS DM TYPE 2</td>
<td>40</td>
</tr>
<tr>
<td>Feny Tunjungsari, Isbandiyah, Farajihan</td>
<td></td>
</tr>
<tr>
<td>THE EFFECT OF HOLISTIC COMPREHENSIVE HEALTH SERVICE APPROACH THROUGH FAMILY FUNCTIONS ON OPTIMIZING THE NUTRITION STATUS OF JUNIOR HIGH SCHOOL STUDENTS Febri Endra B.Setyawan, C.E Widiadi</td>
<td>41</td>
</tr>
<tr>
<td>THE RELATIONSHIP BETWEEN MALNUTRITION AND THE OCCURRENCE OF ANXIETY AND DEPRESSION IN YOUTH IN YOGYAKARTA</td>
<td>42</td>
</tr>
<tr>
<td>Denny Anggoro Prakoso, Tesaviani Kusumastawi, Heny Imansari</td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF SOCIAL ASSOCIATION IN EFFORTS TO IMPROVE SLEEP QUALITY IN FURTHER AGES</td>
<td>43</td>
</tr>
<tr>
<td>Mayang Sari Ayu, Faisal Balatif, Nanda Novziransyah, Farah Diba</td>
<td></td>
</tr>
<tr>
<td>THE CORELATION BETWEEN WELDING FUME EXPOSURES WITH FORCE EXPIRATORY VOLUME IN ONE SECOND</td>
<td>44</td>
</tr>
<tr>
<td>Yusuf Handoko, Bastaman Basuki, Fikri Effendi</td>
<td></td>
</tr>
</tbody>
</table>