



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

Rivan Virlando Suryadinata¹, Amelia Lorensia²

¹Medical Faculty, University of Surabaya (UBAYA), Surabaya

²Pharmacy Faculty, University of Surabaya (UBAYA), Surabaya

Corresponding author:

Rivan Virlando Suryadinata

Medical Faculty, University of Surabaya (UBAYA), Surabaya

email: rivan.virlando.suryadinata@gmail.com

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



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