

ISBN 978-602-74235-5-0



Abstract Book



International Conference on Public Health for Tropical and Coastal Development (ICOPH-TCD 2016)

**Organized by :
Faculty Of Public Health
Diponegoro University**

**October 15-17, 2016
Patra Jasa Semarang Convention Hotel**

ABSTRACT BOOK
INTERNATIONAL CONFERENCE OF PUBLIC HEALTH
FOR TROPICAL AND COASTAL DEVELOPMENT 2016
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This abstract book is published by

FKM UNDIP PRESS
Jl. Prof. Soedarto, SH, Tembalang
Semarang 50275
Phone: +62-24-7460044
E-mail: fkmundip.press@gmail.com

ISBN 978-602-74235-5-8

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PREFACE

The coverage of this book includes all abstracts of the papers that have been presented at the International Conference on Public Health for Tropical and Coastal Development 2016. The conference was held by the Faculty of Public Health Diponegoro University in collaboration with the Directorate General of Public Health, Ministry of Health, Republic of Indonesia from October 15 to 17, 2016. The venue of the conference was located in Hotel Patra Jasa at Semarang. Meanwhile, the opening remark was delivered by The Vice President of Republic Indonesia, HE. Dr. H. Jusuf Kalla during 59th UNDIP's Anniversary Ceremony on October 15th, 2016 in Prof. Soedarto, SH Auditorium at Tembalang Semarang, Indonesia.

Founded on January 4, 1985, the FPH UNDIP is the first faculty of public health in Central Java Province, Indonesia. As one of Indonesia's leading providers on public health education and research, FPH UNDIP is dedicated to improve the health of Indonesian population as well as the global community. The Dean of Faculty of Public Health and the Chairs of the Bachelor's Program in Public Health, Master's Program in Public Health, Master's Program in Health Promotion, Master's Program in Environmental Health and Doctorate's Program in Public Health were proudly welcoming the participants to the event.

This conference was intended to build a mutual collaboration and share experiences among graduate student, researchers, policy makers and stakeholder. It was an exciting event that was intended to draw a compelling attention and concern for academicians, researchers, professionals, administrators, leaders in health institutions, policy makers, industry representatives, under graduate as well as graduate students, and others who might related or had concern on the topic.

A total of 202 abstracts were presented in two days. More than 250 participants attended the conference. Geographically, the attendees came from Singapore, Thailand, Japan, Indonesia, United Kingdom and Australia. Selected peer-reviewed articles that have been presented in this conference will be considered for publication at the *Advanced Science Letters*, a multidisciplinary peer-reviewed journal. Subsequently, some articles will be selected to be published in the *International Journal of Public Health for Tropical and Coastal Regions* and the rest of the articles will be published in the proceeding registered by ISBN.

Gratitude thank goes to the reviewers from Indonesia, Australia, Singapore, Philippines, India and Japan who were greatly contributed to the success of the event. I also would like to thank all participants, the members of the Organizing and Scientific Committee and most importantly the administration staff of ICOPH-TCD for putting this conference together.

Hanifa M. Denny
Dean

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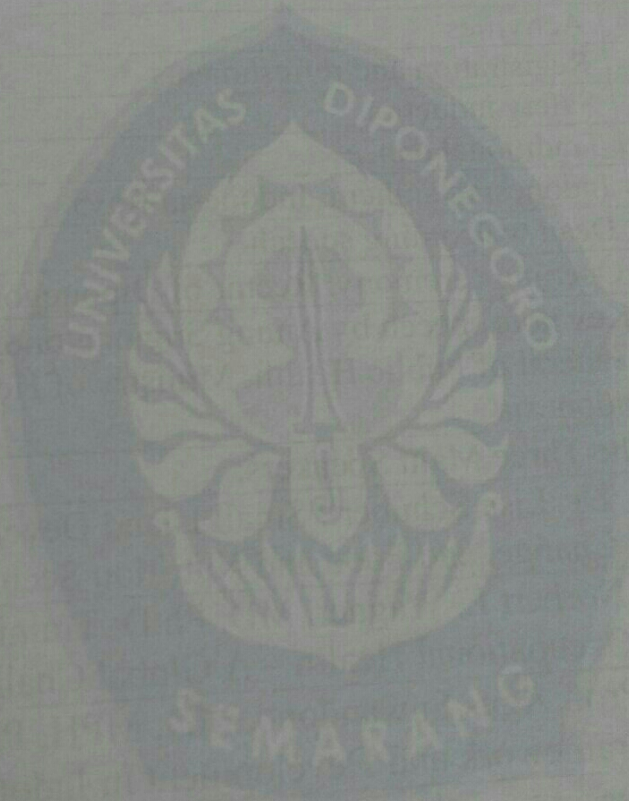
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- Assoc. Prof Yothin Sawangdee, Ph.D
- Dr. Lisa Schubert
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R26002	Nurjanah, Sri Soenaryati. Enny Rachman	Media Using Behavior And Health Literacy On High School Student In Semarang
R26003	Fahmi Ulil Azmi Mustikawati, Priyadi Nugraha P, Ratih Indraswari	Factors Related To The Sleep Patterns Behavior Of Class Xi Students In Ma Assalaam Surakarta
R26004	Sri Komalaningsih, Siti Fuadilla Alchumaira, Ejeb Ruhyat, Asri Handayani	The Effect Of Knowledge And Behavior Counseling About On Leprosy Patients In Uptd Cibuaya Karawang West Java
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R26008	Syamsulhuda Budi Musthofa	Evaluation On The Activities Of Antenatal Classes In Semarang And Female, Central Java Indonesia
R26009	Salma, Amalia Rahmandani, Yohanis Franz La Kahija	Psychological Distress Among University Student: An Exploratory Study
R26010	Sri Widatiningsih, Tuti Sukini, Siti Rofi'ah	Effectiveness Of Health Education Using Movie Media Towards Knowledge, Attitude, And Behavior Regarding 'Prevention Of Mother To Child Transmission' Of Hiv/Aids
R26011	Meidiana Dwidiyanti, Chriswardani Suryawati	Self Care In Pulmonary Tb And Medication Adherence

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ACKNOWLEDGMENT	Error! Bookmark not defined



ADOLESCENTS' ANXIETY: AN EXPLORATIVE STUDY IN THE COASTAL REGION OF CENTRAL JAVA, INDONESIA

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Abstract

Background: Emotional problems are commonly reported among children, adolescents, and adults. It is known that emotional problems in children who are not treated properly can continue to cause disorder in adolescence and adulthood. This study aims to investigate anxiety on adolescents, particularly high school and undergraduate students, and to compare different subscales of anxiety across educational level.

Method: A total of 378 adolescents (286 high school students and 99 undergraduate students; $M_{age}=16.75$; $SD=1.547$) participated in this study. Data were collected using the Indonesian version of the Screen for Child Anxiety Disorders (SCARED; 26 items; $\alpha = .880$). Total score and subscale scores were compared between high school students with undergraduate students.

Results: The results of independent samples t-test showed that anxiety disorder and panic disorder/school avoidance were more frequently reported by undergraduate students than high school students did. However no significant differences were found in view of generalized anxiety disorder (GAD) and social anxiety.

Conclusion: The study findings indicate different profile of anxiety reported by students in the higher level of education that warrant early prevention and intervention program tailored to the educational setting. Awareness on early referral of anxiety problems among students should be raised among school principals as well as dean faculties prior to the escalated emotional problems. The study findings also recommend the need to design a psycho-educational program to reduce anxiety on the undergraduate as well as high school students.

Keywords: anxiety, adolescents, emotional problems, undergraduate, high school, students, coastal region