

OA-203 **Piloting a feasible and beneficial progress test: An experience from a young faculty of medicine in Indonesia**

Agus Cahyono^{1,2}, Astrid Pratidina Susilo³, Aking Sandi Pribadi³, Dwi M. N Aditya⁴

¹ Department of Clinical Medicine, Faculty of Medicine, Universitas Surabaya, Indonesia

² Medical Education Unit, Faculty of Medicine, Universitas Surabaya, Indonesia

³ Department of Medical Education and Bioethics, Faculty of Medicine, Universitas Surabaya, Indonesia

⁴ Department of Biomedic, Faculty of Medicine Universitas Surabaya, Indonesia

Background: Not all medical schools in Indonesia used Progress Test (PT), although studies in different countries reported benefits. Several institutions may perceive the preparation and administration of PT, item analysis, and giving feedback to students as burdensome compared to the benefit.

Aim of study: To explore the feasibility and the benefit of PT in Faculty of Medicine Universitas Surabaya (FM Ubaya).

Method: The first PT was held online for all students of FM Ubaya in April 2021. We used the Zoom and Safe Exam Browser (SEB) as the platforms. The duration of PT was 180 minutes. The PT consisted of 150 items resembled national examination (Ujian Kompetensi Pendidikan Profesi Dokter /UKMPPD). We selected items from the item bank. Students received individual feedback for their performance and filled out a validated questionnaire to explore their views on PT. The questionnaire used Likert's scale (1 = strongly agree to 5 = strongly disagree).

Results: Two hundred and twenty five students accomplished PT. The mean scores were 29,40 (SD 6,89), 41,27 (SD 8,37), 48,46 (SD 11,69), 50,03 (SD 8,97), and 51,51 (SD 8,53) consecutively from first to fifth year students. Item analysis showed 89% of items can discriminate upper and lower achievement students. 191 of 225 students (85%) filled out the questionnaires. Student perceptions of PT's ability to assess academic learning with mean 3,1 (SD 0,35), PT's ability to support clinical learning 2,32 (SD 0,44), and the PT's impact on exam preparation 3,62 (SD 0,57).

Conclusion: Although the implementation of PT needs some effort, strong leadership and technical support made PT feasible. PT is beneficial as a quality indicator of education. The improvement of scores was consistent with the students' year. The questionnaire showed positive responses of students toward PT. We recommend collaboration among institutions to share resources to conduct PT.



THE 13th JAKARTA MEETING ON MEDICAL EDUCATION

**Envisioning the future of medical
education: Evolution or revolution?**

23rd-24th October 2021



THE 13th JAKARTA MEETING ON MEDICAL EDUCATION

**Envisioning the future of medical
education: Evolution or revolution?**

23rd-24th October 2021

PROCEEDING BOOK

The 13th Jakarta Meeting on Medical Education

“Envisioning the future of medical education:
Evolution or revolution?”

ORGANIZING COMMITTEE

Steering committee	Ardi Findyartini
Chairperson	Rita Mustika
Treasurer	Estivana Felaza
Treasurer 2	Annisa Isnaeni
Executive secretary	Nadia Greviana
Scientific committee	Diantha Soemantri Mardiastuti Wahid Indah Suci Widyahening
Publication and documentation	Dewi Anggraeni Kusumoningrum Adi Setiadi Nugraha
Event	Sandra Widaty Rahma Tsania Zhuhra Chaina Hanum
Finance	Marcellus Simadibrata Jenny Bashiruddin Sri Linuwih Menaldi
Information and technology	Faiz Akhadiyah
Registration	Fanny Pradika Sandita Tri Padarik
Secretariat	Bella Wulandari

Technical team

Suryanti
Anyta Pinasthika
Prima Yuri Perwita
Floera Finalita
Arief Wahyudi
Justinus Kurniabudhu
Mahrani
Aliffa Neta
Annisa Bunga
Andrew Ruspanah
Desyani Aviciena
Akhyar Dyni
Henry Kodrat
Nurul Husna
Ekarini Aryasatiani
Astri Widya
Imamul Aziz Albar
Luthfi Saiful Arif
Afifa Kusuma

REVIEWERS

dr. Ardi Findyartini, PhD
dr. Estivana Felaza, MPdKed
Dr. dr. Mardiasuti H. Wahid, MSc, SpMK(K)
dr. Diantha Soemantri, MMedEd, PhD
dr. Rita Mustika, MEpid
Dr. dr. Sri Linuwih Menaldi, SpKK(K)

EDITING AND PRODUCTION

drg. Nadia Greviana, MPdKed
dr. Dewi Anggraeni Kusumoningrum

ISBN: XXX -XXX-XXX-XXX-X

Publisher

Departement of Medical Education

Faculty of Medicine, Universitas Indonesia
Jalan Salemba Raya no. 6, Jakarta Pusat
Phone: 021-3901814

Copyright 2021 by:

Departement of Medical Education

Faculty of Medicine Universitas Indonesia

All rights reserved. This book or any parts there may not be used or reproduced in any manner without written permission from the publisher

Chairperson Message

Greeting from Jakarta.



Many ideas grow better when transplanted into another mind than the one where they sprang up.

(Oliver Wendell Holmes, American physician & writer)

It was November 2008, when Department of Medical Education Faculty of Medicine Universitas Indonesia initiate the first Jakarta Meeting on Medical Education (JAKMED). Since the first, JAKMED has been intended to become an annual melting pot for everyone, not only for medical and health professions educators striving for the latest and best evidence in this subject area, but also for all medical and health professions teachers- basic science and clinical teachers, program directors, as well as medical and health professions residents and students, to share idea and collaborate. From time to time, we are proud to have witnessed the quality improvement of the research being submitted to JAKMED.

Last year, due to COVID-19 pandemic situation we decided to postpone JAKMED 2020. However, as disruptions were pushed rapidly, medical and health professions education have been forced to adapt, and so do we. We are proudly presenting this year first full virtual JAKMED with the main goal of medical and health education that remains the same: to develop the next generation of professional health practitioners. In this year meeting, we are going to explore not only the present changes due to the pandemic but also the future of medical and health professions education following this pandemic. The theme of this year's conference will be: **“Envisioning the future of medical education: evolution or revolution?”**

We are going to discuss various topics aligned with the theme, from how research in medical education would play roles in shaping future medical education, to envisioning the future of medical education itself. All seven workshops of this year JAKMED are also strongly related to the future of medical education, from the skills teaching which all of us feel how challenges it is with the current situation, to portfolio assessment that we feel more in needs after this pandemic,

about student motivation as a complex soft skills that needs to be maintained despite the lack of face to face meeting, leadership approaches during changes, digitally transformed faculty development to prepare our faculty members in facing these rapid changes, and clinical teaching and learning. We are also going to discuss a very fresh topic in Indonesian higher education system, which was Kampus Merdeka in our panel discussion session.

We are very delighted and humbled to be able to invite our honorable speakers from literally across the world, thanks to the pandemic that made this a lot easier: Australia, the United Kingdom, the Netherlands, the United States of America, Canada, Malaysia, Singapore, and also from all parts of Indonesia. We would like to welcome all participants from all over Indonesia and also from our neighboring South East Asian Countries. We hope that JAKMED will provide all participants to share experiences and learn from each other, initiate new ideas and innovations.

In this opportunity, we would also like to thank the deanery of FMUI for continuously supporting JAKMED, faculty members of FMUI, especially faculty members from Department of Medical Education. We are grateful, respect, and admire our senior member who initiate medical education and stay with us to grow it even further and pray for our late seniors and colleagues.

Last but not least we are proudly launch a set of four references book on fundamental of medical education. We do hope our effort could contribute to advancement of medical education. Above all, on behalf of the Organizing Committee, I would like to warmly welcome you to our meeting, the 13th Jakarta Meeting on Medical Education. Hope you enjoy the conference and see you.

Sincerely yours,
Dr. dr. Rita Mustika, M.Epid
Chairperson of the 13th Jakarta Meeting on Medical Education 2021

Table of Contents

Chairperson's message	5
Table of contents	7
Conference schedule	8
Keynote speech	10
Plenary session	12
Panel discussions	14
Workshops	17
Free paper presentation	
Oral presentations	37
Poster presentations	60

Conference Schedule

Saturday, 23rd October 2021

TIME	SESSION NAME	RESOURCE PERSONS
09.00 - 09.30 (UTC+7)	Opening ceremony	
09.30 - 10.15 (UTC+7)	Keynote speech: The role of medical education research in shaping our thoughts on the future scenario of medical education	Speaker: Lambert Schuwirth Moderator: Dwiana Ocviyanti
10.30 - 12.00 (UTC+7)	Free paper presentation	
13.00 - 15.00 (UTC+7)	Plenary session: Future of medical education	Speaker: Trudie Roberts Moderator: Theddeus OH Prasetyono
15.30 - 17.30 (UTC+7)	Parallel workshops Workshop 1 Instructional Design for Complex Skills Teaching: The 4C/ID Approach Workshop 2 How to develop assessment portfolio Workshop 3 Finding your why: Perspectives of self-determination theory** Workshop 4 Leading through change: How to tackle pitfalls and challenges in medical school	Jeroen van Merriënboer, Astrid Pratidina Susilo, Ardi Findyartini Saiful Bahri Yusoff, Diantha Soemantri Rashmi Kusurkar, Albert Scherpbier, Rita Mustika

Sunday, 24th October 2021

TIME	SESSION NAME	RESOURCE PERSONS
08.00 - 10.00 (UTC+7)	Parallel workshops	
	Workshop 5 Digital transformation of faculty development: Beyond technology	Yvonne Steinert, Ardi Findyartini
	Workshop 6 Clinical teachers: How to make students learn in clinical settings?	Subha Ramani, Rita Mustika
10.00 - 11.30 (UTC+7)	Workshop 7 Clinical students: How to learn effectively in clinical settings?**	Dujeepa Samarasekera, Estivana Felaza
	Panel discussions: “ <i>Kampus Merdeka</i> ”, adopting the philosophy of personalized learning in medical and health professions education	Speakers: Vishna Devi Nadarajah, Gandes Retno Rahayu, Fona Qorina
		Moderator: Diantha Soemantri
11.30 - 12.00 (UTC+7)	Closing ceremony	

** Workshop is open for health professions students