PROCEEDING BOOK

The 6th JAKARTA MEETING ON MEDICAL EDUCATION

“BACK TO BASIC:
GROUNDING MEDICAL EDUCATION PRACTICE TO THE THEORETICAL
AND SCIENTIFIC EVIDENCE”

Dr. dr. Yusak Mangara Tua Siahaan, Sp.S
Universitas Pelita Harapan
Tenaga Pengajar ke Lektor

December, 6 - 8 2013
6th JAKARTA MEETING ON MEDICAL EDUCATION

"Back to basic": grounding medical education practice to the theoretical and scientific evidence

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ORAL C5

CLINICAL SKILLS EVALUATION BY USING OSCE (OBJECTIVE STRUCTURED CLINICAL EXAMINATION) ON PARTICIPANTS OF NEUROLOGY DEPARTMENT CLERKSHIP IN SILOAM HOSPITALS LIPPO VILLAGE

Vivien Puspitasari, Yusak Siahaan, Rocky Fransisca
Faculty of Medicine, University of Pelita Harapan, Tangerang, Indonesia

Background
Clinical skill is an essential quality which is compulsory to be achieved by medical education graduates, so that a reliable appraisal is needed in order to ensure this competency. Currently Neurology Department of Faculty of Medicine University of Pelita Harapan is trying to develop a clinical skill competency assessment by applying Objective Structured Clinical Examination (OSCE) at the end of clinical rotation in Neurology Department.

Objective
The objectives of this study are to discover the impact of clinical skills tutorial which is evaluated with OSCE on participants of Neurology Department clerkship in Siloam Hospitals Lippo Village and also to discover association between several factors (pre-clinical GPA (Grade Point Average), OSCE score, neurobehaviour block score, duration of study, and personal interest) with clinical skills performance of the participants.

Method
This was an observational study of 24 participants of clinical rotation in Neurology Department Siloam Hospitals Lippo Village during period of April 2012 to May 2013. On the first week of clinical rotation an OSCE was being held, continued by clinical skill tutorials by neurologists as long as about 4-5 weeks, and on the fifth week an OSCE was held once more to assess the progress of clinical skills competency of the participants.

Result
There is significant mean score of post-tutorial OSCE compared to pre-tutorial OSCE results (p<0.05) on components of history taking, neurological examination, diagnosis and differential diagnosis, treatment, communication and education, and professionalism. Significant association is found between the duration and score of neurobehaviour block in pre-clinical study with neurological clinical skills accomplishment. In the other hand, no significant association founds between pre-clinical OSCE score, GPA, and participants' interest with the accomplishment.

Conclusion
OSCE could be applied as a reliable parameter to assess the clinical skill competency for clinical rotation in Neurology Department.
Keywords: clinical skill, competency, OSCE
requisite to provide effective education to parents in order to support successful infant feeding practice.

Keywords: infant feeding practice, comprehensive integrated module, nutrition, medical student

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| 40 | Rosaria Indah | Analysis on the quality of test items on disaster management block | Oral C1 |
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