PROCEEDING BOOK

The 6th JAKARTA MEETING ON MEDICAL EDUCATION

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

December, 6-8 2013
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"Back to basic": grounding medical education practice to the theoretical and scientific evidence

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ORAL A2
OPHTHALMOLOGY CLINICAL MODULE: AN INTEGRATED APPROACH TO SUPPORT STUDENT COMPETENCY IN THE MANAGEMENT OF CONJUNCTIVITIS, HORDEOLUM, ACUTE GLAUCOMA, AND PERFORMING VISUAL ACUITY TEST

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Background
We have developed an ophthalmology module, based on the clinical teaching grant of the iPECG project. The module provides various cases with clinical competencies from 3B to 4A, including the most common cases found in the ophthalmology department: conjunctivitis, hordeolum, acute glaucoma, and visual acuity test. Specific knowledge and skills to be acquired after studying the module are taking medical history, performing examination of the eye, assessing the diagnostic test results, establishing the differential diagnosis, designing a therapeutic plan, making adequate referral, assessing the prognosis, preventing the disease, and performing medical professionalism.

Methods
The module has been tested to medical students who took clinical rotation in the ophthalmology department, especially to students who managed conjunctivitis, hordeolum, acute glaucoma, and visual acuity patients, from July to November 2013. Seven ophthalmologists took a role as preceptors. After the exam, the students and the preceptors fill in the assessment sheets.

There are 16 items for assessing students’ performance, and there are 10 items for assessing preceptor’s performance. Both assessments use Likert scale, from incompetent, borderline, moderate, competent, to very competent.

Results
Around 84% of preceptors found that students had showed good competency in the patient management and good professionalism. Students found that they did not find any difficulty in learning and applying the module. Further, all 30 students considered that all preceptors met the 50 criteria of competent preceptors.

Conclusion
The ophthalmology clinical module has positive impact both on the students and preceptors, and therefore, it should be applied continuously and evaluated regularly.