

“Enhancing Interprofessional  
Collaboration and Learning for  
Strengthening Primary Health Care”

July 21-23, 2021

Faculty of Medicine, Public Health and Nursing

Universitas Gadjah Mada

Yogyakarta, Indonesia

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## TUFH 2021 ABSTRACTS

Title	ASSESSMENT OF KEY FEATURE PROBLEMS (KFPS) FOR POSTGRADUATE MEDICAL STUDENTS: VALIDATION THREATS AND OPPORTUNITIES
Type	TUFH Documentary <i>High-Quality Learning and Collaborations in the Health Workforce</i>
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Abstract N <sup>o</sup>	TUFH547
Content	<p>Background.. Key Feature Problems (KFPs) assessment method is a setting evaluating the clinical decision-making skills NOT factual knowledge or general reasoning, it targets a specific response to a specific situation. Its importance come to avoid the drawbacks of PMP and MCQs.</p> <p>The aim of this research is the comparison between the KFPs and MCQs for assessing the individuals' clinical decision makings ability in Obstetrics and Gynaecology department.</p> <p>Methods: In this study, 215 postgraduate students were participated. By means of the Whitney and Sabers method, difficulty index of KFPs was determined; and correlation of every question with the total exam was done using SPSS. Satisfaction of KFPs was analyzed using LIKERT scale. Results: The mean score in the KFPs exam was <math>59.14 \pm 1.8</math> and in MCQs exam was <math>62.87 \pm 1.42</math> out of 100 in diploma students with no significant difference. While the mean score in KFPs was <math>65.17 \pm 1.09</math> and in MCQs was <math>62.43 \pm 0.8</math> out of 100 in master students with significant outcome (<math>P &lt; 0.05</math>). The difficulty index of KFPs range from 0.309 to 0.746. The discrimination index of KFPs range from 0.05 to 0.49. The correlation between KFPs and MCQs was significant in both Diploma and master degree (<math>P &lt; 0.001</math>).</p> <p>Conclusion: We can say that the first use of KFPs was very successful as KFPs represent practicable addition as they truly assess the clinical reasoning. With the coming exams, test data such as the difficulty index, selectivity and Cronbach's <math>\alpha</math></p>