

Results: 130 responded (response rate-88%); 61.5% were females. Mean total EI score was 241.5 (females-245.5, males-235.1; $p=0.045$). 83.1% passed final MBBS examination in the first attempt [8.5%-second-class (upper), 43.1%-second-class (lower), 31.5%-pass]. Pass rate was significantly higher among females ((91.2% vs 70%; $p=0.002$), those who had mothers educated up to A/L or above (88.3% vs 63%; $p=0.004$), those who had fathers educated up to A/L or above (91.5% vs 77.1%; $p=0.027$), those who perceived to have good family support (84.9% vs 25%; $p=0.015$) and those who enjoyed studying medicine (89.3% vs 72.5%; $p=0.010$). Family income, losing a parent at an age <18 years, residence during university years, sports or aesthetic activities in university and religiosity were not associated with final MBBS result. Total EI score was significantly higher among those who passed compared to those who got repeated (244.4 vs 227; $p=0.004$)

Conclusions: In the study population female gender, parents' education level, having good family support and enjoying studying medicine were factors associated with passing final MBBS examination in the first attempt. EI was significantly higher among those who passed.

PP77

Relationship between academic performance during school years and academic performance in the university: evidence from a selected medical faculty in Sri Lanka

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Objectives: To determine the relationship between academic performance during school years and academic performance in the university in a group of medical students of a Sri Lankan university.

Methods: This is a descriptive study, conducted in a selected university involving students who did final MBBS examination in 2016. Consecutive sampling was done. Demographic data and details of academic performance at Advanced-level (A/L), Ordinary-level (O/L) and grade 5 scholarship examinations were obtained using a self-administered questionnaire. 1st, 2nd and final MBBS examination results in the first attempt were obtained from Examination Unit of the respective medical faculty. Data were analyzed with SPSS, version-23.

Results: Of 148 eligible students, 130 responded (response rate-88%). 61.5% were females. Pass rate at 1st, 2nd and final MBBS examinations were 71.5%, 84.6% and 83.1%, respectively. There was no significant association in pass rates at 1st, 2nd and Final MBBS examinations with A/L attempt in which the participant gained admission to university, number of 'A's for A/L, grade for each subject at A/L or Z score at A/L. Passing 2nd MBBS examination was significantly associated with gaining 'A's for all subjects at O/L (96.1% vs 77.2%; $p=0.003$) and passing grade 5 scholarship examination (89.3% vs 46.5%; $p=0.001$).

Conclusions: In the study setting, among those who got admitted to the medical faculty, there was no association between academic performance at A/L examination and passing undergraduate examinations in the first attempt. Passing 2nd MBBS examination was associated with performance at O/L examination and grade 5 scholarship examination.