



The Proportions of 6th Year Medical Students Khon Kaen University with Sufficient knowledge of Medicolegal Autopsies and Reports

Korawit Tawinkan¹, Chinuwat Thanapongtorn¹, Chuenkamol Chaisena¹, Boonyapohn Chatpaitoon¹, Ploy

Kosuwon¹, Wansadej Teeramart¹, Saowanan Bamrerraj², Sirinthip Boonjaraspinyo²

¹5th year medical students, ²Department of Community Medicine, Faculty of Medicine, Khon Kaen University

Background and Objective: According to the Thai laws, physicians have duties to perform medicolegal autopsies and write reports. Therefore, there is a need to evaluate knowledge of the final year medical students in order to improve the forensics curriculum. This study aimed to examine: 1) The proportions of 6th year Khon Kaen University medical students who had sufficient knowledge of medicolegal autopsies and reports; and 2) Factors associated with having knowledge of medicolegal autopsies and reports.

Method: This was a descriptive study at Srinagarind hospital, Faculty of Medicine, Khon Kaen University. Study population: A total of 270 6th year medical Students, Khon Kaen University Tools: Self-administered online questionnaire. Analysis: SPSS v.19 and Epi Info v. 3.5.4 were used to analyze frequency, proportions, percentage, median, interquartile range, 95% confidence interval and analytic statistics.

Results: The response rate was 64.5%. The proportions of 6th year medical students who had knowledge of both medicolegal autopsies and reports

were 20.1% (95% CI:14.4%, 26.8%), only medicolegal autopsies and reports were 52.3%(95% CI: 44.6%, 59.9%) and 32.8%(95% CI: 29.5%, 40.3%), respectively. The significant factors associated with having knowledge of medicolegal autopsies and reports were high GPA ($p=0.012$) and opportunities to do medicolegal autopsies ($p =0.046$).

Conclusion: One-fifth of 6th year medical students had sufficient knowledge in medicolegal autopsies and reports. The significant factors associated with having knowledge of medicolegal autopsies and reports were high GPA and opportunities to do medicolegal autopsies.

Keywords: Knowledge, medicolegal, autopsy, report, 6th year medical students, Khon Kaen University

