

論 文 要 旨

Long-term clinical clerkship improves medical students' attitudes toward team collaboration

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Objectives

To clarify the related factors associated with medical students' attitudes toward team collaboration.

Methods

This cross-sectional study targeted medical students, residents, and doctors. A survey was conducted from 2016 to 2017 using the Japanese version of the Jefferson Scale of Attitudes Toward Interprofessional Collaboration (JeffSATIC-J), which evaluated “working relationship” and “accountability.” We analyzed 2409 questionnaire responses with JeffSATIC-J items and the gender item. Analysis of variance was used for factors associated with the JeffSATIC-J score, and Spearman's rank correlation coefficient for the relationship between educational intervention and the JeffSATIC-J score.

Results

First-year students' scores were the highest ($F_{(2, 2045)} = 13.42$ to 18.87 , $ps < .001$), and female

students' scores were significantly higher than those of male students ($F_{(1, 2045)} = 21.16$ to 31.10 , $ps < .001$).

For residents' scores, institution was not a significant variable. Female "accountability" scores were significantly higher than those of males ($F_{(1,108)} = 4.95$, $p = .03$). Gender was not a significant variable for doctors' scores.

Sixth-year students' scores were significantly correlated with the length of clinical clerkship ($r_s (5) = .78$ to $.96$, $ps < .05$), with the exception of females' "working relationship" scores. The medical school with the highest JeffSATIC-J scores had the longest clinical clerkship in the community.

Conclusion

These results indicate that long-term clinical clerkship in the community at higher grades is an important factor in improving medical students' attitudes toward team collaboration. A qualitative study is required to confirm our findings.

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