

An Statistical Investigation of Professional Identity of Medical Students

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There is a large proportion of medical students will take up the profession related to the medical science. While in recent years, the continuous happening of the worse relationship between doctors and patients, and the further implement of medical reform, all of which have been much influence on the choice of the future career of the youth. On the premise of the change of the overall situation , what is the characteristics of professional identity of the young medical students and what are the influencing factors? There will be recognition of the phenomenon from the new dimension if statistical quantitative methods are adopted. This paper extract the samples in stratified random sampling method, and implement the statistics investigation and analytical study to the professional identity characteristics and the influencing factors. The results showed that the professional identity of medical students, in generally, is at a mid-high level, the students of different genders and grades had difference in professional identity, however the student residence places had no significant difference on professional identity. This paper will provide the positive medical education strategy and promote the self-growth of the young medical students.

Key Words: Stratified random sampling, hypothesis test, career self-identity