Abstract

Introduction. The statistics of morbi-mortality of the department of Caldas (Colombia) show the infarct of myocardium in the first places, for that reason the interest arises to investigate the degree of knowledge in the interpretation of the electrocardiographic pattern in the Medicine students of the University of Manizales. Materials and Methods. A corelational descriptive study, in which the knowledge of the electrocardiographic pattern in 99 medicine students of the university of Manizales was evaluated. A questionnaire was designed to evaluate the knowledge of the electrocardiographic pattern, these questionnaire consists of multiple selection, and true-false questions, and interpretation of an electrocardiogram. Results. It is observed that the semesters ninth and tenth show a qualification average significantly higher than eighth semester; and a tendency in students with higher averages to obtain better scores in the questionnaire. The qualification average was of 1,82. No other significant differences were found. Conclusions. It is recommended to implement periodic strategies of continued education or updates that guarantee the suitable retention of the knowledge. The majority of the students included in the study consider that the education method is inadequate, although they consider the class of electrocardiography interesting, they recommend improving the methodology. The main identified problem is the lack of electrocardiographic clinical practice. Case studies and virtual patients could be the strategies that motivate the student and satisfies the theoretical-practical approach that is claimed.

Keywords

Electrocardiography, educational measurement.