

Electrocardiography Knowledge among Cardiac Care Unit Nurses at Al-Salam Teaching Hospital

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ABSTRACT

Heart disease was responsible for approximately 32% of all deaths. Early diagnosis and detection of cardiac disorder plays a crucial role in reducing mortality rates. The electrocardiogram (ECG) is a widely used diagnostic technique that records the electrical and muscles activity of the heart. The study aims to evaluate the cardiac care unit nurses in knowledge and competency of interpreting electrocardiography. Descriptive design was applied to achieve the objectives of the present study for the period of (1/12/2024) throughout (1/6/2025). The sample of the study consisted from (100) nurse who are include in the study by using random sampling technique, the study was conducted in the Al- Salam Teaching Hospital in Mosul City. Data were collected by used standarized questionnaire form. Statistical Package for the Social Science (SPSS, version 21) is used for data analysis. The results show that inconsistent ECG knowledge among nurses, with significant differences in some items ($p \leq 0.001$) and no significant differences in others. The results show the lack of consistency on the level of electrocardiography (ECG) knowledge among nurses, and important gaps still exist in a number of critical areas of ECG interpretation. And the study recommended introduce nurses in cardiac care units to regular, planned ECG education.

Keywords: *Electrocardiography, Cardiac Care Units.*

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