



**Tehran University of Medical Sciences
School of Nursing and Midwifery**

International Campus

Title:

**Investigation the relationship between professional
quality of life and COVID-19 anxiety among acute
care nurses in Al Najaf Hospitals in Iraq, 2021**

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Critical care Nursing**

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Abstract

Background: The professional quality of life of nurses working in acute care wards began to be affected after the outbreak of the COVID-19 pandemic around the world appeared. The complications of COVID-19 are both physical and psychological, and the COVID-19 anxiety is perhaps the most affecting complication for nurses working with infected patients. It seems that acute care nurses have been affected by these complications and thus reflected on their professional quality of life, it is necessary to devote efforts to support nurses and alleviate their physical and psychological burdens. This study aimed to determine the relationship between professional quality of life and COVID-19 anxiety among acute care nurses in Najaf hospitals in Iraq.

Method: This is a descriptive correlational cross sectional study, the number of nurses who participated in this study was 144, all of them work in the acute care wards in the hospitals of the holy city of Najaf. The tools used in this study included three questionnaires, the first was for demographic information, the second was PQOL-5, and the third was COVID-19 anxiety. The census method was used to collect samples, the validity of the content was approved by experts, and the reliability of the questionnaires was assessed and confirmed by internal consistency($\alpha=0.87$).

Result: The results showed that the level of professional quality of life was within the medium to high level for acute care ward. As for the level of COVID-19 anxiety they had, it was within the average level, and this study also showed that there is a statistically significant relationship between professional quality of life and COVID-19 anxiety among nurses of acute care wards in hospitals in the holy city of Najaf. ($p<.001$)

Conclusion: This study provided information regarding the level of professional quality of life as well as the level of COVID-19 anxiety among nurses working in acute care wards in Najaf city hospitals. This study also revealed a statistically significant relationship between professional quality of life and COVID-19 anxiety. Regarding the results, more attention should be paid to nurses working in acute care wards in Najaf city hospitals, as well as striving to improve their quality of professional life and reduce the level of COVID-19 anxiety.

Keywords: professional quality of life, COVID-19 anxiety, acute care, nursing, Najaf, Iraq.