

## **Nurse-Nurse Professional Collaboration Status from the Nurses' Viewpoints in Critical Care Units of Ardabil Educational Hospitals, 2017.**

### **Abstract**

**Background and Aim:** Collaboration and teamwork are essential elements of nursing. Increased collaboration among nurses is critical to maintaining an effective and safe treatment environment. Therefore, checking the status of nurse-nurse collaboration is very important. The purpose of this study was to determine the status of nurse-nurse professional collaboration from the viewpoint of nurses in critical care units of Ardabil educational hospitals in 2017.

**Methods:** This was a cross-sectional descriptive study. The statistical population consisted of all nurses working in intensive care units of Ardabil educational centers (216 persons). Of them, 171 were selected as sample by the total sampling method. Data collection tools included a demographic form and a 35-item nurse-nurse collaboration scale includes subscales of conflict management, Communication, Shared processes, coordination and professionalism. Data were analyzed using descriptive (frequency, mean and standard deviation) and inferential statistics (independent t-test, one-way ANOVA, and Pearson test) using SPSS 20 software.

**Results:** Mean and standard deviation of scores of nurses' collaboration was  $95.36 \pm 6.93$ . Also, the mean scores of dimensions of collaboration including Shared processes were  $21.5 \pm 2.93$ , Communication  $20.00 \pm 1.65$ , coordination  $14.45 \pm 2.12$ , professionalism  $21.78 \pm 3.04$  and conflict management  $17.63 \pm 1.45$ . There was a statistically significant relationship between nursing work experience ( $r=0.194$ ,  $P=0.011$ ), work experience in intensive care units ( $r=0.165$ ,  $P=0.031$ ), age ( $r=0.284$ ,  $P<0.001$ ), workplace hospital ( $F=2.83$ ,  $P=0.026$ ), workplace department ( $F=5.044$ ,  $P=0.001$ ) and shift work ( $P=0.024$ ) with nurses' collaboration.

**Conclusions:** The results showed the desirable status of nurse-nurse professional collaboration from the point of view of nurses in intensive care units in Ardabil educational hospitals. Holding workshops on how to improve communication, teamwork, student support, organizational support, and improving the quality of nursing workplaces can be an effective step in increasing nurse-nurse collaboration.

**Keywords:** Nurse-Nurse Collaboration; Interaction; Intensive Care Unit.