Blood is a scarce human resource and ensuring its safety and clinical effectiveness requires investment – both human and financial. Blood transfusion is an essential part of patient care. When used correctly, it saves life and improves health.

The nurses have an important and effective role in implementation and monitoring of the type of nursing care, which is provided to patients with blood transfusion. The present study aims at assessing the sources of nursing mishaps in blood transfusion.

A descriptive study was carried out in medical wards in Ibn Sina teaching hospital and Aljumhori teaching hospital in Mousl city for the period from 1st of February to 30th of April 2006.

A special assessment questionnaire was prepared by extensive literature review, opinion of experts and conducting a preliminary study. Validity of tools was done by content validity through opinions of a panel of experts. While the reliability of tool was done through a pilot study by using test and re-test technique.

The sample of the study consists of (60) nurses who perform blood transfusion in the above hospital’s wards chosen purposively.

The results of the study showed no significant differences between the mean scores of task analysis of blood transfusion compared with theoretical mean of tool, in performance skills significant differences were found in decision making skills.

Highly significant differences were found between the practices of nurses in all areas of blood transfusion (Pre- During- and Post) with regard to the theoretical means.

Regarding the gender of nurses, their age, level of education, and the year of service, no significant impact was found concerning the practice of nurses in blood transfusion.

Based on the above results, the study recommends that the nurses working in blood transfusion may have sufficient practice and updated knowledge about good patient care and transfusion safety. Publishing and distributing written procedures and pamphlets for the nurses concerning nursing management of patients with blood transfusion, are of great help.

**ABSTRACT**