

**Abstract:**

**Introduction:** One of the main indicators in examining the performance of the health system is the provision of services by doctors and pharmacists. The provision of medical and scientific services by doctors and pharmacists becomes effective when professional communication between the above two groups has scientific and social principles.

**Materials and methods:** The present research aims to evaluate the interaction between doctors and pharmacists in Iran's health system, which has been carried out using a descriptive and analytical method. 403 doctors and pharmacists of Tabriz province were divided into two independent groups using a questionnaire tool that included two questionnaires to evaluate the interaction between doctors and pharmacists from the point of view of doctors and a questionnaire to evaluate the interaction between doctors and pharmacists from the perspective of pharmacists, which in terms of willingness to communicate, type of communication, the quality and quantity of communication, etc., has been examined on a five-point Likert scale, in order to explain the level of interaction between the doctor and the pharmacist and the factors affecting it from various aspects; The information obtained from the questionnaires, after being verified using Cronbach's alpha coefficient, the information and data analysis was evaluated and analyzed with the help of SPSS software.

**Results:** The obtained information indicated that; Based on the distribution of the obtained data and the calculated correlation coefficient, the results speak for it, there is a strong relationship between the doctor and the pharmacist, and according to the effectiveness coefficient obtained, an average of 95%, both groups, the tendency to cooperate with each other;

**Discussion and conclusion:** According to the results of the research hypothesis test, doctors tend to cooperate with pharmacists, and the only difference can be raised in the type of medical and pharmacy training, the presence of doctors in pharmacists' programs, and the way to communicate by phone.

**Keywords:** doctor, pharmacist, interaction, health system.