



# The Relationship Between Social Intelligence and Communication Skills in Nurses

Hamed Sharifi<sup>1</sup>, Mansoureh Ashghali Farahani <sup>2,3</sup>, Samaneh Lotfi <sup>4</sup>, Seyedeh Esmat Hosseini <sup>5,\*</sup>

<sup>1</sup> Student Research Committee, Faculty of Nursing and Midwifery, Iran University of Medical Sciences, Tehran, Iran

<sup>2</sup> Nursing and Midwifery Care Research Center, Health Management Research Institute, School of Nursing and Midwifery, Iran University of Medical Sciences, Tehran, Iran

<sup>3</sup> Cardiovascular Nursing Research Center, Rajaie Cardiovascular Institute, Tehran, Iran

<sup>4</sup> Department of Epidemiology and Biostatistics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran

<sup>5</sup> Department of Medical Surgical Nursing, Nursing and Midwifery Care Research Center, School of Nursing and Midwifery, Iran University of Medical Sciences, Tehran, Iran

\***Corresponding Author:** Department of Medical Surgical Nursing, Nursing and Midwifery Care Research Center, School of Nursing and Midwifery, Iran University of Medical Sciences, Tehran, Iran. Email: [esmat.hosseini\\_110@yahoo.com](mailto:esmat.hosseini_110@yahoo.com)

**Received:** 8 October, 2025; **Revised:** 11 May, 2026; **Accepted:** 12 May, 2026

## Abstract

**Background:** Communication skills are essential for the quality of nursing care, and social intelligence significantly enhances these skills. Understanding the relationship between social intelligence and communication skills among nurses is crucial for improving patient care and healthcare outcomes.

**Objectives:** This study aimed to investigate the correlation between social intelligence and communication skills among nurses in the educational and therapeutic centers of Iran University of Medical Sciences.

**Methods:** This analytical cross-sectional study was conducted from January 2024 to April 2025 and included 233 nurses from 12 educational-therapeutic hospitals affiliated with Iran University of Medical Sciences. Data were collected using a demographic questionnaire, the Barton Communication Skills Questionnaire, and the Tromsø Social Intelligence Scale (TSIS). Data were analyzed using SPSS software, version 22. Multiple linear regression analysis was performed to identify factors associated with communication skills.  $P < 0.05$  was considered statistically significant.

**Results:** Among the 233 nurses, 57.9% were female and 42.1% were male. The findings showed a significant positive correlation between the total social intelligence score and communication skills ( $r = 0.32$ ,  $P < 0.001$ ). In multiple linear regression analysis (adjusted R-squared = 0.17), both age ( $B = -0.34$ ,  $P = 0.005$ ) and social intelligence ( $B = 0.19$ ,  $P < 0.001$ ) were significantly associated with communication skills after adjustment for other variables.

**Conclusions:** Because social intelligence and its dimensions positively affect nurses' communication skills, hospital managers can enhance social intelligence by providing training sessions, strengthening nurses' communication skills, and creating an environment conducive to continuous improvement in hospital services. Strengthening these elements may improve the quality of healthcare services and increase patient satisfaction.

**Keywords:** Communication, Intelligence, Emotional Intelligence, Nursing

## 1. Background

In healthcare, particularly in the nursing profession, effective communication among nurses, patients, families, and other members of the healthcare team is crucial. Effective communication not only builds patient

trust and satisfaction but also directly affects care quality, reduces medical errors, and improves health outcomes (1). Communication skills are essential to the nursing care process, facilitating greater patient participation, reduced anxiety and stress, and increased satisfaction.

Copyright © 2026, Sharifi et al. This open-access article is available under the Creative Commons Attribution 4.0 (CC BY 4.0) International License (<https://creativecommons.org/licenses/by/4.0/>), which allows for unrestricted use, distribution, and reproduction in any medium, provided that the original work is properly cited.

**How to Cite:** Sharifi H, Ashghali Farahani M, Lotfi S, Hosseini SE. The Relationship Between Social Intelligence and Communication Skills in Nurses. J Nurs Midwifery Sci. 2026;13(2):e167061. doi: <https://doi.org/10.5812/jnms-167061>

Numerous studies have highlighted challenges nurses face in communicating accurately and effectively with patients and colleagues (2). Research indicates that nurses' communication skills are often at an average or low level, leading to reduced patient satisfaction, increased errors, and decreased care quality (3, 4). For instance, only 23% of patients in one study were completely satisfied with nurses' communication, indicating a need for training and skill improvement in the profession (3).

Several factors contribute to the development and improvement of communication skills, one of the most important of which is social intelligence (5). Social intelligence involves understanding, managing, and interacting effectively with others and is crucial for establishing healthy relationships in work and social settings (6). Individuals with high social intelligence can better understand others' feelings and needs, fostering stronger emotional and professional relationships (7). In healthcare settings, social intelligence contributes to better interactions with patients, families, and colleagues, ultimately enhancing care quality (5, 8).

The results show that social intelligence not only improves interpersonal relationships but also increases nurses' job satisfaction and reduces stress and job pressure (6). Nurses with high social intelligence can make better decisions in critical situations, manage conflicts, and more effectively understand individual and cultural differences (9). Therefore, developing and strengthening social intelligence in nurses can improve their communication skills and lead to enhanced professional performance and patient satisfaction.

Understanding the relationship between social intelligence and communication skills among nurses is crucial for improving patient care and healthcare outcomes (5). Social intelligence, defined as the ability to understand and manage social interactions effectively, directly affects a nurse's ability to build rapport, demonstrate empathy, and collaborate with colleagues (10). Effective communication skills are essential for accurate patient assessment, conveying complex medical information, and fostering a therapeutic environment (4).

Research indicates that higher social intelligence is positively correlated with improved communication skills in healthcare professionals (5). Nurses with strong social intelligence are better able to recognize patients' emotional states, adapt their communication styles, and manage challenging interactions, thereby reducing

misunderstandings and enhancing patient satisfaction (11). Conversely, deficits in these areas can lead to miscommunication, decreased patient trust, and compromised safety.

Conducting a study on this relationship is necessary to identify specific social intelligence competencies that influence communication effectiveness in nursing. Such insights can inform targeted training programs aimed at developing these skills, ultimately improving nurse-patient relationships and clinical outcomes. Furthermore, understanding this dynamic can contribute to better interprofessional collaboration, thereby reducing errors and increasing team cohesion (5). Given the critical role nurses play in healthcare delivery, exploring these psychological and interpersonal factors is essential for advancing nursing practice and patient care quality.

## 2. Objectives

Accordingly, the aim of the present study was to investigate the relationship between social intelligence and communication skills among nurses in educational-therapeutic centers affiliated with Iran University of Medical Sciences. The findings may provide valuable information for health-sector managers and planners to identify educational needs, develop nurses' personal and professional skills, and ultimately improve the quality of nursing care.

## 3. Methods

### 3.1. Study Design and Setting

This analytical cross-sectional study was conducted between January 20, 2024, and April 15, 2025. Participants were selected from nurses working in 12 educational-therapeutic hospitals affiliated with Iran University of Medical Sciences, including intensive care and general wards.

### 3.2. Participants and Sampling

The inclusion criteria were at least 6 months of work experience as a nurse, direct contact with patients during the care process, and no psychological conditions that would prevent questionnaire completion, such as crises including bereavement, divorce, or similar circumstances.

Stratified random sampling was used, with each hospital considered a stratum. Based on the total

sample size and the number of nurses in each hospital, a specific quota was allocated to each hospital. Participants were then selected from each stratum using simple random sampling. The study objectives were explained to the participants, and written informed consent was obtained. Nurses were assured of confidentiality, voluntary participation, and anonymity of the results. All questionnaires were completed in person.

### 3.3. Sample Size

The sample size was calculated using the formula for correlation studies (12):

$$N = [(Z_{\alpha} + Z_{\beta}/C)]^2 + 3, C = 0.5 * \ln [(1+r)/(1-r)], r = 0.2, \alpha=0.05, \text{ and power} = 80\%.$$

$$c = 0.5 \times \ln \frac{1 + 0.2}{1 - 0.2} = 0.5 \times 0.4055 \approx 0.20275$$

$$N = \left( \frac{1.96 + 0.84}{0.2275} \right)^2 + 3 \approx 193.6$$

$$N \text{ final} = 194 \times 83/100 \approx 233$$

The result was  $n = 194$ ; we enrolled 233, assuming a 17% non-response rate.

### 3.4. Instruments

#### 3.4.1. Demographic information questionnaire

The demographic questionnaire included items such as age, gender, education level, work experience, employment status, type of work shift, and the department in which the participant worked.

#### 3.4.2. Tromsø Social Intelligence Scale (TSIS)

This scale includes 21 questions and measures social intelligence through three subscales: Social Information Processing (SIP), social awareness, and social skills. Responses are recorded on a Likert-type scale ranging from strongly disagree (1) to strongly agree (7). The minimum possible score is 21, and the maximum is 147. Higher scores indicate higher levels of social intelligence and its subscales, and vice versa (13). This questionnaire has been validated in Iran and found to be reliable; the Cronbach's alpha for the total scale was

0.75. In the present study, reliability was assessed in 30 nurses, and Cronbach's alpha was 0.85.

#### 3.4.3. Barton Communication Skills Questionnaire

Developed by Barton in 1990, this questionnaire consists of 18 items assessing feedback skills, listening skills, and verbal skills. It uses a Likert scale scored from completely disagree (1) to completely agree (5). The minimum possible score is 18, and the maximum is 90, with 90 indicating the highest communication skills score. In the study by Hosseini Nasab, Cronbach's alpha was used to assess reliability, and the reliability of communication skills was reported as 0.87. In the present study, reliability was assessed in 30 nurses, and Cronbach's alpha was 0.89. No measurement bias was evident, as both the Tromsø Social Intelligence Scale (Cronbach's alpha = 0.85) and the Barton Communication Skills Questionnaire (alpha = 0.89) showed high reliability in our pilot version.

**Table 1.** Demographic Details of the Study Population <sup>a</sup>

Variables	Values
<b>Gender</b>	
Female	135 (57.9)
Male	98 (42.1)
<b>Level of education</b>	
PhD	2 (0.9)
Master	38 (16.3)
Bachelor	193 (82.8)
<b>Married status</b>	
Married	133 (57.1)
Single	100 (42.9)
<b>Wards</b>	
General	165 (70.8)
Critical Unit	68 (29.2)
<b>Work experience (y)</b>	
< 5	92 (39.5)
5 - 10	70 (30)
> 10	71 (30.5)
<b>Employment status</b>	
Regular	68 (29.2)
Employee	138 (59.2)
Probationary	27 (11.6)
<b>Work shift</b>	
Morning	51 (21.9)
Evening	3 (1.3)
Night	52 (22.3)
Rotation	127 (54.5)

<sup>a</sup> Values are expressed as No. (%).

**Table 2.** Standard Deviation and Ranges of Communication Skills, Social Intelligence, and Its Dimensions<sup>a</sup>

Variables	Mean ± SD	Max-Min
<b>Social intelligence</b>		
SIP	15.9 ± 2.9	28 - 6
SA	18.6 ± 3.41	27 - 9
SS	15.1 ± 2.9	29 - 8
Total score	49.7 ± 3.8	75 - 25
<b>Communication skills</b>		
Feedback	30.0 ± 7.8	49 - 7
Listening	23.2 ± 5.2	39 - 6
Verbal	76.9 ± 13.2	122 - 21
<b>Total score</b>	<b>23.5 ± 7.2</b>	<b>56 - 8</b>

<sup>a</sup> Abbreviations: SIP, social information processing; SA, social awareness; SS, social skills; Max-Min, maximum-minimum.

**Table 3.** Pearson Correlation Coefficient Between Communication Skills and Social Intelligence of Nurses

Variables	r <sup>a</sup>	P-Value
Total social intelligence score - total communication skills score	0.39	0.001
Feedback skills - social intelligence	0.30	0.001
Listening skills - social intelligence	0.27	0.001
Verbal skills - social intelligence	0.28	0.001
Social information processing (SIP) - communication skills	0.20	0.002
Social awareness (SA) - communication skills	0.30	0.001
Social skills (SS) - communication skills	0.24	0.001

<sup>a</sup> Pearson correlation coefficient.

### 3.5. Ethical Considerations

The study was conducted in accordance with the Declaration of Helsinki and was approved by the Ethics Committee of Iran University of Medical Sciences with the ethics code IR.IUMS.REC.1403.056. All research was performed in accordance with relevant guidelines and regulations. The study purpose was explained to the participants, and those who wished to participate signed an informed consent form. They were assured that all information would be kept confidential.

### 3.6. Statistical Analysis

All data were analyzed using SPSS software version 22 (SPSS Inc., Illinois, USA). Descriptive statistics were presented as frequency, percentage, mean, and standard deviation. The Kolmogorov-Smirnov test was used to assess the normality of the data distribution. The Pearson correlation coefficient was used to evaluate the

relationship between communication skills and social intelligence. Multiple linear regression analysis was conducted to determine factors related to communication skills.  $P < 0.05$  was considered statistically significant.

## 4. Results

Of the 233 nurses, 57.9% ( $n = 135$ ) were female and 42.1% ( $n = 98$ ) were male. The mean age of the participants was  $32.55 \pm 6.59$  years, and the mean weekly work hours were  $55.86 \pm 19.54$ . The demographic characteristics of the nurses are presented in Table 1. The total social intelligence score and communication skill score were  $49.7 \pm 6.8$  and  $23.5 \pm 7.2$ , respectively (Table 2).

The study showed a positive and significant correlation between the total social intelligence score and communication skills, indicating that higher social intelligence scores were associated with higher communication skill scores ( $r = 0.39$ ,  $P < 0.001$ ). There was also a positive and significant correlation between

the total social intelligence score and the feedback skill score ( $r = 0.3, P < 0.001$ ) (Table 3).

In addition, the results of the multiple linear regression analysis, with an adjusted R-squared of 0.17, indicated that both age ( $B = -0.34, P = 0.005$ ) and social intelligence ( $B = 0.19, P < 0.001$ ) were significantly associated with communication skills, even after adjustment for other variables (Table 4).

## 5. Discussion

The findings of this study reveal a positive and significant correlation between social intelligence and communication skills among nurses working in selected hospitals affiliated with Iran University of Medical Sciences.

Nurses with higher scores on social intelligence assessments exhibited superior communication skills. This association was particularly evident for feedback competencies; thus, nurses with higher social intelligence demonstrated better skills in both providing and receiving appropriate feedback. The results indicate that nurses with higher social intelligence can facilitate more effective and efficient communication with patients and colleagues, ultimately enhancing healthcare quality.

These results align with previous research indicating that social intelligence significantly affects communication skills and, subsequently, job performance (14). Özdoğru et al. also found that individuals with higher social intelligence tend to have better communication skills (15). Comparable research on the importance of social intelligence in healthcare professions, particularly nursing, has shown that individuals in these fields require a high degree of social intelligence to interact effectively and enhance the quality of patient services (5).

The study revealed that nurses generally had average communication skill scores around the median level, with a mean score of 50, indicating a need to improve communication abilities. This finding contrasts with several previous studies; for example, research by Ghayeb et al. conducted in four government and private hospitals indicated that nurses' average communication abilities were higher (16). This disparity may stem from differences in hospital settings or the distinct communication requirements of various departments. In the emergency department, high workload and substantial patient volume may affect

communication abilities, which can differ from those in other departments for several reasons.

This study found no significant effects of demographic variables, including gender, age, marital status, work experience, and type of employment, on social intelligence and communication skills. This contrasts with previous research reporting significant differences in communication skills by gender and other demographic factors. For instance, Mansouri reported notable disparities in communication skills between men and women (17). Such differences may result from variations in cultural, educational, and social structures across communities or specific health centers. Furthermore, variables such as age and work experience, which have been highlighted in other studies, did not show significant effects in this research. This may be attributable to greater diversity in the study sample and differing hospital environmental conditions.

This study underscores the importance of the correlation between social intelligence and communication abilities, suggesting that strengthening these domains can positively influence nurses' professional performance. These findings highlight the need for targeted training programs to enhance nurses' social intelligence and communication abilities. Programs incorporating workshops and courses focused on social skills, including empathy, effective feedback, emotion regulation, and other facets of social intelligence, may substantially improve healthcare quality. Such initiatives may also reduce stress and increase job satisfaction among nurses.

Accordingly, the findings suggest that nursing school curricula, particularly those implemented in hospital environments, should prioritize the development of social intelligence and communication skills. Strengthening these abilities can improve nurse-patient relationships and may influence nurses' mental health and quality of work life. This study emphasizes the importance of communication skills training in nursing and recommends that hospitals and health centers implement effective measures to enhance nurses' social intelligence and communication abilities, thereby improving service quality and patient satisfaction.

### 5.1. Limitations

This study has several limitations. It was conducted only in hospitals affiliated with Iran University of Medical Sciences, which may limit the generalizability

**Table 4.** Result of the Multiple Linear Regression Analysis for Factors Influencing Communication Skills

Variables	B	SE	t	P-Value	95% Confidence Interval for B	
					Lower Limit	Upper Limit
Constant	41.45	4.83	8.59	0.001	31.94	50.97
Age	-0.34	0.12	-2.83	0.005	-0.58	-0.10
Sex (Male)	1.21	0.88	1.38	0.169	-0.52	2.94
Married status (Single)	1.45	1.14	1.27	0.204	-0.79	3.69
Level of education (Bachelor)						
Master	-0.28	1.14	-0.25	0.805	-2.54	1.97
PhD	5.44	4.59	1.19	0.237	-3.60	14.49
Work experience (<5 y)						
5 -10	-0.51	1.23	-0.41	0.679	-2.94	1.92
> 10	1.88	1.78	1.06	0.292	-1.63	5.38
Employment status (regular)						
Contract	0.88	1.60	0.55	0.583	-2.27	4.02
Probation	-0.84	1.13	-0.74	0.457	-3.06	1.38
Work shift (morning)						
Evening	0.23	3.74	0.06	0.951	-7.14	7.60
Night	1.92	1.28	1.50	0.135	-0.60	4.43
Rotation	0.80	1.11	0.72	0.472	-1.39	2.99
Wards (critical unit)	0.63	0.93	0.68	0.499	-1.20	2.45
Weekly work hours	-0.02	0.02	-1.11	0.268	-0.07	0.02
Social intelligence	0.19	0.03	5.97	0.001	0.13	0.25

of the results. Therefore, studies in more diverse settings are recommended.

The cross-sectional design limits causal inference regarding the relationship between social intelligence and communication skills. Future longitudinal studies are recommended to validate these findings.

The data were collected using self-report questionnaires, which may have been influenced by participants' cognitive biases. Qualitative and interventional studies are recommended to minimize these effects.

## 5.2. Conclusions

This study confirms a positive relationship between social intelligence and nurses' communication skills. This suggests that nurses with higher social intelligence communicate more effectively with patients and colleagues, potentially resulting in improved quality of care and greater patient satisfaction. Furthermore, given that communication skills were evaluated at an average level, there is an increasing need to develop and implement training programs to enhance these skills in healthcare settings.

The results indicated that demographic variables did not significantly influence social intelligence and communication skills, underscoring the need to prioritize education and training in these competencies across all levels and groups. Health system managers and policymakers are encouraged to implement targeted educational strategies to strengthen nurses' communication skills and social competencies, thereby improving the quality of nursing services and interpersonal interactions within healthcare settings.

## Acknowledgements

We would like to express our gratitude to the study participants.

## Footnotes

**AI Use Disclosure:** The authors declare that no generative AI tools were used in the creation of this article.

**Authors' Contribution:** H. S.: Writing - review & editing, project administration, methodology; M. F.: Data curation, writing - original draft, project

administration, methodology; S. L.: Formal analysis, software; S. E. H.: Writing – review & editing, writing – original draft, project administration, methodology.

**Conflict of Interests Statement:** The authors declare that this research was conducted in the absence of any commercial or financial relationships that could be construed as potential conflicts of interest.

**Data Availability:** The data that support the findings of this study are available from the corresponding author upon reasonable request (Data is provided within the manuscript or supplementary information files).

**Ethical Approval:** The study was carried out in accordance with the declaration of Helsinki, and was approved by Ethics Committee from Iran University of Medical Sciences with the Ethics Code: IR.IUMS.REC.1403.056as well as confirmed that all research was performed in accordance with relevant guidelines/regulations.

**Funding/Support:** No funding was received for this study.

**Informed Consent:** Informed consent was obtained from all participants.

## References

- Sap M, Le Bras R, Fried D, Choi Y. Neural Theory-of-Mind? On the Limits of Social Intelligence in Large LMs. *Proceedings of the*. 2022. p. 3762-3780.
- Matlhaba K. *Communication and Interpersonal Skills*. Enhancing Clinical Competence of Graduate Nurses: Springer; 2025. p. 135-148. [https://doi.org/10.1007/978-3-031-81407-5\\_5](https://doi.org/10.1007/978-3-031-81407-5_5).
- Savci C, Cil Akinci A, Keles F. The association of perceived sociability and social intelligence with loneliness in online learning among nursing students. *Nurse Education Today*. 2022;**109**: 105226. [PubMed ID: 34896849]. [PubMed Central ID: PMC9756800]. <https://doi.org/10.1016/j.nedt.2021.105226>.
- Al-Worafi YM. Communication skills. In: Al-Worafi YM, editor. *Handbook of medical and health sciences in developing countries: education, practice, and research*. Cham: Springer; 2024. [https://doi.org/10.1007/978-3-030-74786-2\\_252-1](https://doi.org/10.1007/978-3-030-74786-2_252-1).
- Sanchis-Giménez L, Lacomba-Trejo L, Prado-Gascó V, Giménez-Espert MDC. Attitudes towards Communication in Nursing Students and Nurses: Are Social Skills and Emotional Intelligence Important? *Healthcare (Basel)*. *Healthcare*. 2023;**11**(8):1119. [PubMed ID: 37107953]. [PubMed Central ID: PMC10137617]. <https://doi.org/10.3390/healthcare11081119>.
- Stephen JS. *Academic success in online programs: a resource for college students*. Cham: Springer; 2024. <https://doi.org/10.1007/978-3-031-54439-2>.
- Roelyanti MV. Relationship between social relationships quality, emotional intelligence, and work environment to psychological well-being. *Relevance: Journal of Management and Business*. 2024;**7**(1):1-19. <https://doi.org/10.22515/relevance.v7i1.8675>.
- Özdemir N, Adıgüzel V. The relationship between social intelligence, self-esteem and resilience in healthcare professionals and the affecting factors. *Psikiyatri Hemşireliği Dergisi*. 2021. <https://doi.org/10.14744/phd.2020.96658>.
- Yanik A, Arslan Kurtuluş S, Örtlek M. The Effect of Social Intelligence Levels on Decision-making Styles: A Research in Turkish Healthcare Managers. *Bezmialem Science*. 2022;**10**(6):814-825. <https://doi.org/10.14235/bas.galenos.2022.98608>.
- Madkour HA, Hamouda SE, Zahran SA, Mostafa SA. Nursing Staff Social Intelligence and its Relation to their Organizational Communication. *Tanta Scientific Nursing Journal*. 2025;**39**(4):0-0. <https://doi.org/10.21608/tsnj.2025.464012>.
- Riaz M, Roger R, Bashir S, Javed K, Charles R, Khursheed U. Communication Skills and Emotional Intelligence Among Nursing Students on Patient's Outcome: Communication Skills and Emotional Intelligence Among Nursing Students. *NURSEARCHER (Journal of Nursing & Midwifery Sciences)*. 2025:67-72. <https://doi.org/10.54393/nrs.v5i1.148>.
- Gignac GE, Szodorai ET. Effect size guidelines for individual differences researchers. *Personality and individual differences*. 2016;**102**:74-8. <https://doi.org/10.1016/j.paid.2016.06.069>.
- Silvera D, Martinussen M, Dahl TI. The Tromsø Social Intelligence Scale, a self-report measure of social intelligence. *Scandinavian journal of psychology*. 2001;**42**(4):313-9. [PubMed ID: 11547906]. <https://doi.org/10.1111/1467-9450.00242>.
- Kularajasingam J, Subramaniam A, Sarjit Singh DK, Sambasivan M. The impact of knowledge sharing behaviour and social intelligence of university academics on their performance: The mediating role of competencies. *Journal of Education for Business*. 2022;**97**(1):54-61. <https://doi.org/10.1080/08832323.2021.1887794>.
- Özdoğru M, Çevik MN, Çevik MS. Investigation of Communication, Social Intelligence and Intercultural Sensitivity Competencies of Teacher Candidates in Sustainable Education by Structural Equation Modeling. *Sustainability (2071 - 1050)*. 2024;**16**(21):9282. <https://doi.org/10.3390/su16219282>.
- Ghrayeb F, Zaben K, Haddad RH, Ghrayeb N, Barhoush M, Zuraikat N, et al. Exploring the relationship between emotional intelligence and communication skills in nurses: a cross-sectional study. *BMC nursing*. 2025;**24**(1): 1002. [PubMed ID: 40750888]. [PubMed Central ID: PMC12315465]. <https://doi.org/10.1186/s12912-025-03679-5>.
- Sfetcu N. *Emotions and emotional intelligence in organizations*. Emotions and emotional intelligence in organizations: MultiMedia Publishing; 2020. <https://doi.org/10.13140/RG.2.2.32802.79041>.