

148 **THE STUDY OF SPECIALIST PHYSICIAN KNOWLEDGE AND ATTITUDE OF TELEMEDICINE AND BARRIERS TO ITS IMPLEMENTATION IN TABRIZ TEACHING HOSPITALS**

Amir Torab Miandoab,¹ Ghasem Alizadeh,¹ Peyman Rezaei². ¹*School of Management and Medical informatics, Tabriz University of Medical Sciences, Tabriz, Iran;* ²*Department of health information technology, School of Management and Medical informatics, Tabriz University of Medical Sciences, Tabriz, Iran.*

10.1136/bmjopen-2016-015415.148

Background and aims: By incidence of modern technologies in different areas such as medicine which has been recognized as Telemedicine. This technology can play important role in increases quality level of medical services and health treatments. For successful increase of implementation and development of this technology in Iran needs to provide cultural, legal, political, social and technological atmosphere. Therefore assessing awareness volume of people and their attitude toward telemedicine can be an important factor in accepting this technology which indicated in this research.

Methods: This research was done in 2016 with sectional and descriptive study on 676 Professional physician which provide health and treatment services at Tabriz University of Medical Science With random and questionnaire method including 4 sections,, awareness on telemedicine, attitude about telemedicine, utilization of telemedicine and barrier of telemedicine. Services based one extracted replies from completed questioners with SPSS software aid.

Results: Awareness of physicians in related to telemedicine is poor, also 45 percent of physicians was use this technology that most usage is relate to phone council service and so from physician opinion's lack of suitable culture for utilization, lack of awareness about this technology and lack of infrastructure are most barriers to utilization from telemedicine.

Conclusion: According to the statistics resulted from this research, it is understood that intendancy volume from this technology and its entrance to these hospitals accepted by many peoples. It is expected that it has developmental procedure in its reception and can be used properly with educational schedules and has economic effective benefits.