

Tabriz University of
Medical Sciences,
Tabriz, Iran

Imam Reza General Hospital Newsletter

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Imam Reza General Hospital,
Tabriz University of Medical
Sciences, Tabriz, Iran

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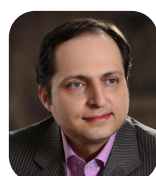


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In today's modern world, the aim of all reputable hospitals in the world is to provide the most up-to-date educational, research and high quality treatment services. All these services are defined based on the global standards, innovations and most importantly creation of wealth along with scientific development and knowledge that paves

the way for responding to the needs and problems of patients. Having special attention to international standards and moving forward in alignment with the leading hospitals makes it convenient to achieve these great goals. In this regard, improving the quality of education and research based on international standards, aligning the hospital with global developments and advances in science and knowledge, strengthening scientific and research communications at the national and international levels and attracting international collaborations in the field of education and research give rise to attracting foreign students, identifying weaknesses and strengths, improving the scientific level of professors, updating their knowledge, identifying competitors and gaps, improving quality standards, improving documentation and facilitating the flow of information, increasing international visibility are significant and effective points in achieving to these great goals. I am the head of the Imam Reza General Hospital in collaboration with our colleagues in the deputy of research and education, treatment and the financial support are determined to further expand the process of internationalization of this Hospital. In this regard, preliminary collaborations with the World Health Organization (WHO) are being completed and institutionalized. Furthermore, the necessary coordinations are being developed to establish scientific and educational cooperation with several reputable hospitals in Turkey that will be done in the near future. It is worth mentioning that the English website of the hospital has improved its contents in line with the internationalization of activities of the center. It should be noted that the establishment of new institutional units in the hospital, including the Covid studio and its new English programs that will be produced by the professors of the center, the establishment of the clinical skill units in the center, the establishment of the innovation office, and the publication of the seventh issue of the Imam Reza General Hospital bilingual Newsletter indicate the important fact that Imam Reza General Hospital is transitioning from a national state to an international institution. In the end, it should be mentioned that the most important resources of the hospital and university include respectful and knowledgeable professors, diligent students, and the experienced staff of the center. Special thanks to all who have shone brightly during the Covid-19 pandemic in three fields of education (creating and producing novel programs in Covid studio for the first time in the country which was awarded the first place in the Shahid Motahari Educational Festival, 2022), research (publishing more than ten percent of the articles related to Covid-19 in the country) and treatment (providing services to 40,000 patients with covid-19 and 15,000 hospitalized patients with covid-19).

1. Visibility



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Establishment of Hypothermia after Cardiac Arrest Protocol in Imam Reza General Hospital, Tabriz University of Medical Sciences, Tabriz, Iran

It has been recommended by well-known guidelines of the

American Heart Association (AHA) and the European Resuscitation Council (ERC) to induce hypothermia for patients with cardiac arrest. Hypothermia is one of the most effective ways to reduce cerebral complications of cardiopulmonary arrest. According to the American Heart Association, brain resuscitation is essential procedure in patients with cardiac arrest who is unresponsive and/or having a Glasgow Coma Score (GCS) ≤ 8 after return of spontaneous circulation (ROSC). Therefore, the term cardiopulmonary resuscitation has been replaced by term cardiopulmonary-cerebral resuscitation. It is due to the importance of maintaining brain function in a person with cardiac arrest. One of the most important steps for cerebral resuscitation is inducing mild hypothermia in patients with cardiac arrest. Since 2003 the American Heart Association have recommended it for all patients who have a spontaneous circulation but are unconsciousness after resuscitation and since 2010 it has been mandatory to all mentioned patients. It is worth saying that induction of mild hypothermia in patients after cardiac arrest has increased survival, significantly reduced mortality, and improved neurological outcome meaningfully. Although the induction of mild hypothermia after cardiac arrest has been going on for years in Europe, Australia and the United States, in our country this lifesaving procedure has not been considered. We thank God that we will be the first medical center in the country establishing Hypothermia after Cardiac Arrest. In the end, we complete our statement with two meaningful sentences from the father of modern Resuscitation and pioneer in the Induced hypothermia after cardiac arrest:
Dr. Peter Safar - A Life Devoted to Cheating Death, and CPR is for the person with a heart and brain too good to die.



Congratulations to Dr. Masood Dinevari, former head of the hospital, and Dr. Mojtaba Mohammadzadeh, current head of the hospital, and respectful staff in the deputy of research and education on getting the award of the 15th Shahid Motahari Educational Festival in two areas of «Educational Management and Leadership» and «Design and Production of Educational Products».

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