

Highlights of the Second National Trauma Congress

Seyyed Masoud Khatami,¹ Hassan Araghizadeh,^{1,*} and Mohammad Hosein Kalantar Motamedi¹

¹Trauma Research Center, Baqiyatallah University of Medical Sciences, Tehran, IR Iran

*Corresponding author: Hassan Araghizadeh, MD, Trauma Research Center, Baqiyatallah University of Medical Sciences, Tehran, IR Iran. E-mail: Dr_Araghizadeh@yahoo.com

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The comprehensive center of excellence in trauma, together with the Iranian Association of Surgeons and the other Iranian trauma research centers, held the second Iranian national trauma congress during the 3 - 6 of December 2016 in Tehran (1).

The first congress was held in 2014 and recent findings in trauma prevention and trauma care were presented.

The theme of the second congress was: "New findings in trauma care" with emphasis on recent scientific developments in trauma management". This congress provided the opportunity to present new scientific findings through lectures, posters and scientific workshops. This platform allowed for the presentation and sharing of professional experiences of professors involved in trauma and emergency care (Figures 1 and 2).



Figure 1. The Second National Trauma Congress

The main topics of the congress focused on:

- 1- New findings in trauma therapy
- 2- Prevention of trauma sequelae
- 3- The role of education in curtailing trauma incidents
- 4- Triage in trauma
- 5- The role of new technologies in the management of the injured
- 6- National trauma system registry
- 7- Nursing in trauma care



Figure 2. The Opening Ceremony

- 8- Bylaws and regulations in trauma management
- 9- Management of chemical, nuclear and radioactive incidents
- 10- Posttraumatic stress disorder

The minister of Health and Medical Education was a keynote speaker at the inauguration ceremony (Figure 3).



Figure 3. The Minister of Health and Medical Education

In the opening ceremony, Dr. Moosa Zargar and Dr. Siavash Sehat were honored as the pioneers of trauma surgery in Iran (Figure 4).



Figure 4. Appreciation of the Pioneers of Trauma Surgery in Iran

In addition to presentation of lectures, 11 scientific workshops were held which related to:

- 1- Basic and advanced cardiopulmonary resuscitation
- 2- New methods of airway management in trauma patients
- 3- Chest tube and tracheostomy
- 4- Acute hemorrhage control at the scene

- 5- Rapid vascular access in trauma patients
- 6- Focused assessment with sonography for trauma
- 7- Primary triage
- 8- Introduction and education of the extracorporeal membrane oxygenation
- 9- Telemedicine
- 10- Virtual reality therapy in posttraumatic stress disorder

The important topics discussed in this congress concluded trauma prevention must be the first priority of trauma centers. A national trauma committee must be created and headed by the Ministry of Health and Medical Education. It is expected that this committee coordinate management of trauma therapy in the National Health System to reduce the mortality, morbidity and complications in trauma victims. The president and members of the parliament should allocate funds to reduce various types of trauma, especially road accidents and seek development of safe highways and roads. Graduate courses and trauma fellowships at the universities of medical sciences highlighted the need to modify and integrate traumatology in the medical and nursing curricula.

At the end of the congress, prizes were awarded to outstanding young researchers.

References

1. The Second National Trauma Congress 2016. Available from: <http://www.nct2.ir/entries/view/40>.