The 4th national congress on clinical case reports (CCR) was organized as a hybrid event on January 16–17, 2023 in Karaj, Alborz province, Iran (Figure 1). The meeting was attended by approximately 790 attendees to discuss and present the latest developments in research activities, education, quantitative and qualitative improvement, care, and management of clinical treatments. The congress was organized by the Clinical Research Development Center of Shahid Rajaei Educational and Therapeutic Center, Alborz University of Medical Sciences along with a Scientific Committee including some of the faculty members of the university (Table 1).

Sixty oral presentations and 211 posters were presented in clinical report format in 12 scientific panels with more than 700 participants in two consecutive days. One of the features of this event was welcoming researchers from other universities and sending abstracts of clinical cases to the congress secretariat. Therefore, out of 347 abstracts that were sent to the congress secretariat, 18 oral presentations and 126 posters were accepted. Most of the submitted abstracts were in the fields of Medicine, Laboratory Diagnosis, and Nursing.

Opening Speech at the CCR Annual Congress
The 2023 CCR started with a keynote presentation by Dr. Shahram Sayadi, the president of Alborz University of Medical Sciences (Figure 2A). He opened his speech with a warm welcome and presented a report of past congresses and current developments. In the following, Dr. Shahrooz Yazdani, the Scientific Secretary of the Congress, introduced the main aim of the national congress (Figure 2B). While welcoming the attendees, he appreciated the scientific and executive committee and all those involved in holding this conference and also provided information about the objectives of this meeting and the importance of presenting clinical cases in the promotion and empowerment of faculty members, students, and physicians (Figures 3 and 4).

Section Snippets
Session 1: Neurology, Neurosurgery, and Psychiatry
The scientific program was held under the chairmanship of Dr. Ali Baradaran Bagheri, with the presence of 5 panelists and 8 speakers. After the end of the presentation of clinical cases, there was a discussion and exchange of opinions in the presence of panelists and participants.

Session 2: Internal Medicine
The Internal Medicine Panel was held under the chairmanship of Dr. Ramin Tajbakhsh in the presence of 5 panelists. In this panel, in the presence of 7 speakers, 7 clinical reports in the fields of Internal and External Medicine were presented and discussed.

Session 3: Heart and Heart Surgery
Studies in this session reported novel insights into Heart and Heart Surgery. The panel was chaired by Dr. Shahram Sayadi and in the presence of 6 panelists and 8 speakers including cardiologists, cardiac surgeons, and anesthesiology specialists, 8 clinical case reports in the field of Heart Diseases, Cardiac Surgeries, and Anesthesia were presented.

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Session 4: Infectious Diseases and Laboratory Diagnosis
This session highlighted a diverse array of Infectious Diseases and Diagnostic Strategies being developed by both basic and clinical researchers. This panel was headed by Dr. Alireza Soleimani and in the presence of 7 speakers, 7 clinical cases in the fields of Infectious Diseases, Laboratory Science, and Pharmaceuticals were discussed.

Session 5: Surgery, Orthopedics, and Ophthalmology
The session devoted to Surgery, Orthopedics, and Ophthalmology was chaired by Dr. Salman Azarsina, and in the presence of 5 panelists, 5 lecturers presented 5 clinical case reports in the fields of Orthopedics and Ophthalmology.

Session 6: Emergency and Poisoning
The last session of the first day was dedicated to the fields of Emergency Medicine and Poisoning under the chairmanship of Dr. Ali Taherinia and in the presence of 4 panelists and 5 speakers.

Session 7: Infants and Children
The first session on the second day of the congress was devoted to the topic of Infants and Children, which was chaired by Dr. Omid Safari in the presence of 5 panelists and 4 speakers who presented 4 clinical case reports. In
this part, the discussion and exchange of opinions about common diseases and diagnoses were conducted.

**Session 8: Gynecology and Obstetrics**
The session on Gynecology and Obstetrics was chaired by Dr. Maryam Hashemnejad, and in the presence of 6 panelists and 4 speakers, 4 clinical case reports were presented.

**Session 9: Midwifery**
The Midwifery session was held under the chairmanship of Dr. Razieh Lotfi, and in the presence of 5 panelists, 3 lectures were presented in the fields of Midwifery and Reproductive Health Care.

**Session 10: Nursing**
The Nursing session was chaired by Dr. Sima Feizolahzadeh. In the presence of 4 panelists and the participation of 5 speakers, 5 clinical cases in the fields of Nursing and Nursing Care were presented.

**Session 11: Dentistry and Dental Diseases**
The session on dentistry and surgery and dental diseases was chaired by Dr. Somayeh Khoramian Tus and with the participation of 5 panelists and 5 speakers, 5 clinical case reports in the field of Dentistry, Dental Surgery, and Dental Diseases were presented and discussed.

**Session 12: Medical Emergency**
The final session of the second day of the congress was devoted to the Medical Emergency that was chaired by Dr. Zahra Eskandari, and with the participation of 4 panelists and 5 speakers, 2 cases in the field of Medical Emergencies were presented.

**Conclusion and Future Directions**
Finally, 10 researchers were awarded for their exemplary oral presentation and poster.

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**Competing Interests**
The authors declare that they have no conflict of interests.

**Ethical Approval**
Not applicable.

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Figure 4. The Organizing Committee of the 4th National Congress on Clinical Case Reports of Iran