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Research Article

SPECIAL CHOICES FOR THE TREATMENT OF COMPLICATIONS OF THE SOFT TISSUE INJURIES OF THE FACIAL REGION

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ABSTRACT

Despite the progress achieved in the field of reconstructive surgery in recent years, the treatment of complex defects and deformations caused by facial injuries remains problematic. The purpose of the study. Prevention of complications of joint injuries of the face-jaw area and development of comprehensive rehabilitation measures. As a result of observations, complications occurred mainly due to patients' late referral to the hospital. They showed that the results of complex treatment were effective, but only 3% of patients showed that the results of treatment were unsatisfactory for some reasons.

KEYWORDS

Combined soft tissue injurie, facial region, complications of soft tissue.

INTRODUCTION

It is known that, the rise in the number of injuries among the world's population annually , as well as other injuries, causes an increase in the proportion of combined maxillofacial injuries [1,2,3]. There are several factors that lead to this, including the increase in vehicles among the population, the increase in equipment that causes injuries, the acceleration of work intensity, the lack of compliance with occupational safety by most workers, and the increase in the number of users of firearms, which certainly causes an increase in the number of these injuries [4,6]. Joint injuries of the maxillofacial area often lead to

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various consequences and complications, which can appear in the acute, subacute and late periods after the injury [7,8]. Despite the progress achieved in the field of reconstructive surgery in recent years, the treatment of complex defects and deformations caused by facial injuries remains problematic [5,7,9]. In turn, the increase in the number of complications caused by joint injuries leads to a negative change in the quality of human life, and reducing these complications as much as possible is one of the main goals and tasks of modern medicine [4,6].

The purpose of the study. Prevention of complications of joint injuries of the maxillofacial area and development of comprehensive rehabilitation measures.

MATERIAL AND METHODS

The research included 572 adult patients (15 years and older) with complications caused by face-jaw joint injuries were included in the scientific work process. During the years 2017 and 2023, the multidisciplinary clinic of the Tashkent Medical Academy, the Samarkand City centralized hospital and the Republican Specialized Traumatology and Orthopedics Scientific- center the maxillofacial surgery departments of the Samarkand branch of the republic emergence center were involved. Patients included in the study were divided into 3 groups: The distribution of all patients included in the study according to the cause of injury was as follows: 298 patients (52.2%) were injured due to motor vehicle accidents, and 179 (31.3%) of them were in a car at the time of the accident, and the remaining 119 (20.9%) were hit by cars. resulting in various degrees of damage. Household, sports and other similar injuries occurred in 126 (22.2%) patients and injuries were directed to the head and face. In addition, 44 (7.6%) patients were injured as a result of falling from a height, and 64 (11.2%) of them were injured in the face and head.

RESULTS

When analyzing the results of treatment of tumors with damage to the osteoarticular joints observed as a result of damage to the face joint in soft tissues, facial bones and other areas of the body, good results were noted in 97% of patients and ineffective results. observed in only 3% of patients. Complications were treated comprehensively using ozone and high-intensity laser beams, as well as surgical methods. Treatment results were evaluated based on the following indicators: absence and reduction of complaints, recovery of working capacity, disappearance of facial deformities, restoration of movement in the lower jaw and eyes, and disappearance of inflammatory symptoms. Unsatisfactory treatment results include incomplete recovery of working capacity and sometimes patients change their profession, loss of facial sensitivity at various levels, blurring of the image of the temporal cavity, limited mobility of the eyeball, even if there is no diplopia, diplopia occurs during maximum eye movement. As a result of the unsatisfactory treatment of these observed complications, it was found that the patients turned to the hospital 3-6 months later. In these patients, paraesthesia of the skin on the injured side of the face, diplopia of the eyeball and side view, secondary blurring and partial limitation of the movement of the lower jaw were observed as a result of the addition of inflammatory processes in the membranes of the temporal cavity.

CONCLUSIONS

Thus, the complications acquired due to joint injuries of the face-jaw area were divided into 3 groups, and they were distributed in cases accompanied by injuries of

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the soft tissues of the face, bones and other areas of the body. As a result of observations, complications occurred mainly due to patients' late referral to the hospital. They showed that the results of complex treatment were effective, but only 3% of patients showed that the results of treatment were unsatisfactory for some reasons.

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