

to multiply increased amount of oxygen in the tissues. In this way hypoxia is removed which regularly occurs in numerous pathological conditions as the cause or consequence. A whole series of physiological mechanisms are normalised and improved. Perfusion of tissue and microcirculation are improved because of the reodynamic effect and neoangiogenesis. Metabolic activity is improved to subcellular level. HBO regulates local and general immunity. It acts antibacterially, particularly to anaerobes, which is of great importance in the case of oral infection. Furthermore, it also acts synergistically with antibiotics in cases of infection with resistant micro-organisms.

HBO can be applied in oral surgery in the treatment of acute and chronic inflammations of soft tissues and jaws, and also in the case of irradiated patients with tumours. It is important as a preventive prior to various operations and in the case of immunocompromised, chronic patients (diabetes, liver, kidneys etc.). It is particularly important prior to operations on bones (extraction, reconstruction of defects, implants etc.).

As contraindications are few, side-effects practically negligible, and usefulness with regard to health and cost benefit incomparably greater, it can be concluded that HBO therapy is a very important, powerful and modern means of treatment, which has recently become available in the University Hospital "Dubrava".

Oralna rehabilitacija pacijenta s ograničenim otvaranjem usta uzrokovanim ratnom ozljedom mekih i tvrdih tkiva gornje čeljusti

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Sažetak

U radu je prikazana oralna rehabilitacija pacijenta s ograničenim otvaranjem usta uzrokovanim ratnom ozljedom mekih i tvrdih tkiva gornje čeljusti sa svrhom da se postigne zadovoljavajuća estetika, povoljno opterećenje zuba nosača te, u konačnici, da se pronađe najpovoljniji smjer uvođenja mobilno-protetskih nadomjestaka izbjegavajući pritom ozljede mekih struktura lica.

Pacijent je opskrbljen gornjom djelomičnom protezom s reduciranom metalnom bazom, retiniranom konus kronicama te donjom potpunom protezom s mogućnošću da se ona poslije prilagodi u mandibularnu pokrovnu protezu retiniranu usadcima.

Oral Rehabilitation of a Patient with Restricted Opening of the Mouth Caused by a Combat Injury of the Soft and Hard Tissues of the Maxilla

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Summary

The paper presents the oral rehabilitation of a patient with restricted opening of the mouth, caused by a combat injury of the soft and hard tissues of the maxilla, with the object of achieving satisfactory aesthetics, sufficient loading of the abutment teeth and, finally, finding the most suitable course for introducing a mobile-prosthetic restoration, and at the same time avoiding damage to soft facial structures.

The patient was supplied with upper partial dentures with a reduced metal base, retained with conus crowns and a lower full denture with the possibility of its later adaptation into a mandibular overdenture retained by implants.

Procjena gustoće mandibularne kosti u veslača ovisno o indeksu mase tijela

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Sažetak

Sile naprezanja mišića koje se razvijaju u svakodnevnoj tjelesnoj aktivnosti potiču proces koštane formacije u područjima hvatišta napregnutih mišića, a to pojačava mineralni sastav kosti i povećava njezinu gustoću.