



chondrogenesis, and at the end of the 8th week of IUD they merge into a single perforated main cartilaginous plate with primitive vascular-nerve openings.

In the development of the base and calvaria of the human skull 3 consecutive stages can be distinguished: 1) the emergence of the mesenchymal source (ectomeningeal capsule); 2) the formation of cartilaginous anlagen through the development and fusion of numerous individual foci of chondrogenesis in the mesenchyme; 3) ossification of the cartilaginous anlagen of more than 100 foci of osteogenesis. The processes of chondrification of the anlagen of the skull base are observed at the beginning of the prefetal period of ontogenesis (the 7th week of the IUD), and at the end of the 8th week of the IUD as a whole the cartilaginous base of the human skull is formed.

Dronyk I.I.

PHOTODYNAMIC THERAPY IN COMPLEX TREATMENT OF GENERALIZED PERIODONTITIS

*Department of Surgical Dentistry and Maxillofacial Surgery
Bukovinian State Medical University*

Among the large number of dental diseases are those that occur in most people, in particular, such are periodontal diseases, which in Ukraine affect from 80 to 90% of the population.

Traditionally, patients with periodontal disease and, in particular, periodontitis are professional oral hygiene, local use of antiseptics and anti-inflammatory drugs, as well as in the acute course and the presence of purulent discharge from periodontal pockets - systemic antibiotic therapy, which can also cause adverse allergic reactions. Imbalance of the obligate microflora of the oral cavity.

The aim of the study was to determine the effectiveness of photodynamic therapy in comparison with the use of systemic antibiotic therapy in the treatment of generalized periodontitis in the acute stage with the presence of purulent discharge. To achieve this goal, 43 patients aged 30 to 55 years were selected who were diagnosed with generalized periodontitis with purulent discharge from periodontal pockets of I and II centuries. severity. Among the subjects were 24 (55.8%) women and 19 (44.1%) men. In the clinical study of periodontal tissues and for an objective assessment of the results used Para clinical tests: Hygiene Index - Green-Vermillion (1964); index of bleeding gums Mehlman (1971) in the modification of Cowell (1975); Russel periodontal index (1956); benzamine test (Parma). X-ray examination.

At the next stage of treatment, patients were divided into two groups - the main and the comparison group. Main - 21 patients who received photodynamic therapy with the Helbo system in complex treatment. Comparison - 23 patients in the complex treatment of which antibacterial therapy was carried out by "Augmentin" (500 mg / 125 mg, course 7 days). The analysis of the results of the study showed that for 2-3 days in patients of the main group who received photodynamic therapy, there was a regression of the main symptoms of inflammation in the vast majority of people (86.0%). In the comparison group, similar positive dynamics was observed for 3-4 days in (84.5%).

By the end of the first week from the beginning of complex treatment, complete regression of subjective and objective signs of inflammatory process in periodontal tissues was achieved in 92.5% of patients in the main group, and in the comparison group - in 90.5% of cases.

The generalized analysis of the obtained clinical and radiological results of the study showed that the use of photodynamic therapy in the complex treatment of chronic generalized periodontitis is accompanied by a more pronounced positive dynamics of treatment, bactericidal effect is local, complications associated with allergic reactions are minimized.