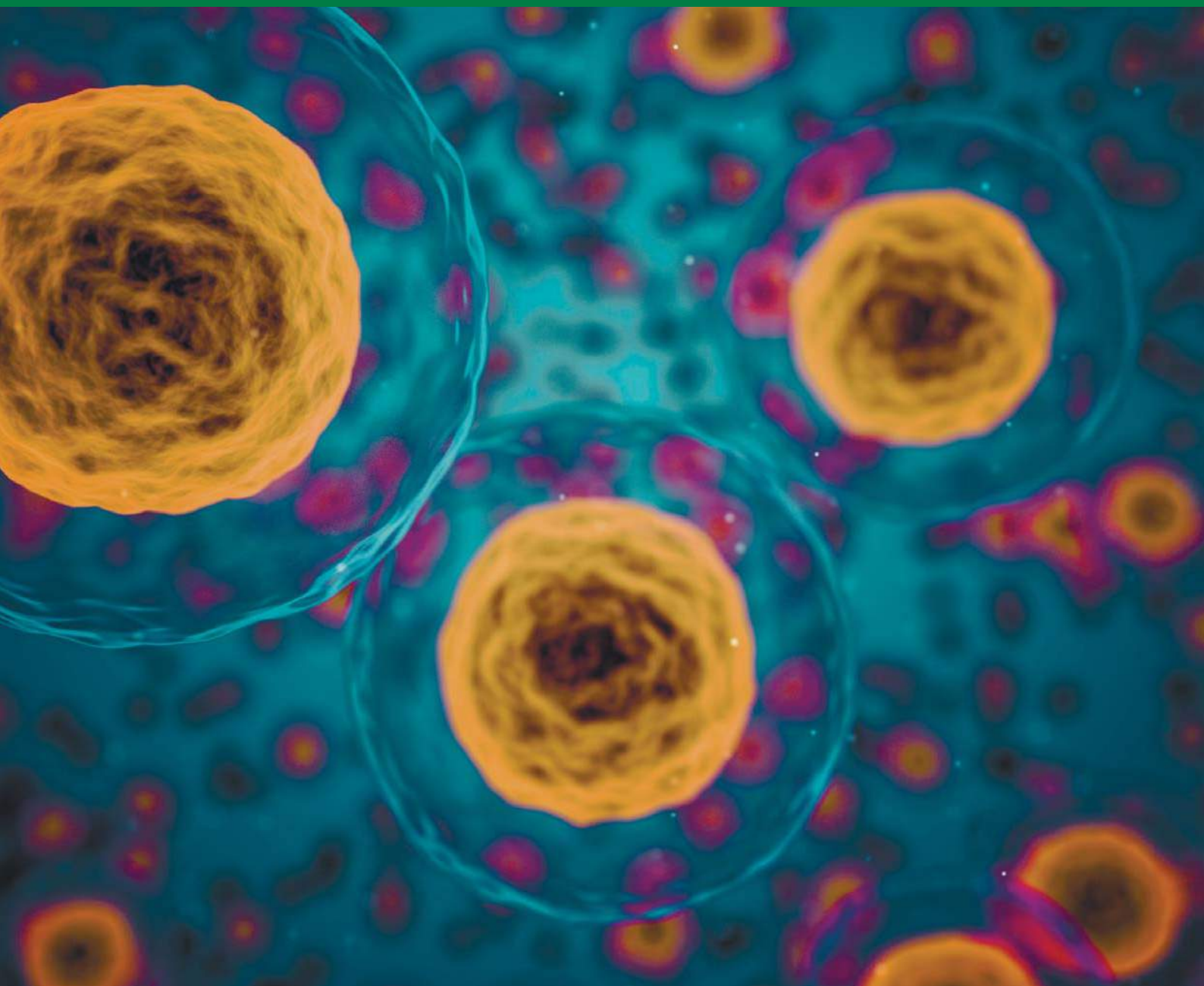


Kharkiv National Medical University

# INTERNATIONAL SCIENTIFIC INTERDISCIPLINARY CONFERENCE ISIC - 2021



**KHARKIV NATIONAL  
MEDICAL UNIVERSITY**



**ISIC**



**DENTISTRY**





Conclusions. Considerable therapeutic efficacy of the LQLC for treatment patients with CGP, especially that of I-II degrees of severity is based on its marked anti-inflammatory, immunomodulating and periodontoprotecting effects.

*Markovska Iryna*

## **ASSESSMENT OF THE QUALITY OF DRINKING WATER CONSUMPTION BY PERSONS WORKING UNDER THE INFLUENCE OF ELECTROMAGNETIC**

Department of Dentistry  
Kharkiv National Medical University  
Kharkiv, Ukraine

As you know, oral fluid consists of 99.0 - 99.4% of water and 1.0 - 0.6% of dissolved organic mineral salts, which is why an important factor, which affects its properties is the quality and composition of drinking water consumed. Saliva sampling for various types of research is widely used in dentistry because it is a minimally invasive and painless method.

65 people aged 26 to 60 years, directly employed in production in the press and welding shop of the Kharkiv Tractor Plant. The control group consisted of 46 practically healthy people, scientists and technicians, aged 25 to 60 years.

A survey was conducted to determine the nature of water consumed. According to the results of the survey, the following data were obtained: employees of the press and welding shop of the Kharkiv Tractor Plant use boiled (51.8%) and imported (43.2%) frequencies with approximately the same frequency, in addition, 1.89% of is bottled water, 1.66% is tap water. In the comparison group 79.9% drink boiled water, 10.1% - drink bottled water, 10% - imported.

Among the brands of packaged drinking water most often used in everyday life: TM "Roganskaya", "Malyatko", "ALIVIA" and "Morshinskaya".

According to the analysis of samples, the fluoride bridge in the water of TM "Roganskaya" was 1.43 mg/dm<sup>2</sup>, in the water "Baby" - 0.4 mg/dm<sup>2</sup>, "ALIVIA" - 0.36 mg/dm<sup>2</sup> and "Morshinskaya" - 0.47 mg/dm<sup>2</sup>.

In accordance with state sanitary norms and rules "Hygienic requirements for



drinking water intended for human consumption" (State sanitary rules and regulations 2.2.4-171-10), order of the Ministry of Health of Ukraine 12.05.2010 №400), water quality meets the hygienic requirements for packaged drinking water for fluorine content. However, for the city of Kharkiv, the recommended fluoride content is 1.2-1.5 mg/dm<sup>2</sup>.

Given the fact that in the course of studying the incidence of caries according to the dental examination of employees of the press and welding shop of the Kharkiv Tractor Plant, it was found that the prevalence of carious destruction reaches 100%. On average, the incidence of carious pathology of the hard tissues of the teeth leaves 1.6 teeth for each employee who applied. In order to prevent carious lesions, workers are recommended to consume drinking water with a fluoride content of at least 1.2 mg/dm<sup>2</sup>. Recommended normalization of water regime: 30-40 ml / kg body weight per day.

*Mohamad Fares*

## **SUBJECTIVE ASPECT IN AESTHETIC DENTISTRY. THE PROBLEMS OF THE DOCTOR AND THE PATIENT**

Department of Pediatric Dentistry and Implantology  
Kharkiv National Medical University  
Kharkiv, Ukraine

Scientific advisor: associate professor Fomenko Yu.V. assistant N.V. Golik

Aesthetics in dentistry is one of the most frequently discussed topics. More and more dentists are turning to the question of the appearance of artificial teeth, especially in the anterior region. This type of prosthetics is widespread. Aesthetic dentistry is a field of medicine in which an orthopedist and dental technician-ceramist, using the patterns learned by dentistry and their own artistic abilities, recreate an attractive smile of patients. However, these laws must be applied as a guideline in each specific clinical case. The patient will benefit from this.

The study of the morphology of natural teeth is one of the essential prerequisites for obtaining a good aesthetic effect when creating a new man-made smile. A high result is obtained when we are able to accurately copy natural teeth: their shape, surface, color.



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