

IV ECPD INTERNATIONAL SPECIALIST PROGRAM

HYPERBARIC MEDICINE

(Belgrade, 10 – 14 October 2022)

European Center for Peace and Development of the United Nations University for Peace (ECPD) had organized from **October 10 to 14, 2022** the **IV ECPD International Specialist Program on Hyperbaric Medicine**. **Director** of the Program was **Prim. Dr. med. Miodrag Živković**, specialist in marine, hyperbaric and underwater medicine, physiologist, HBO Medical Center, President of the UG Serbian Health Organization, Belgrade. **The aim** of this educational program was to emphasize the significance of hyperbaric therapy as a part of multidisciplinary approach in the treatment of various health conditions and diseases (cardiovascular diseases, diabetes, chronic wounds, malignant diseases, systemic diseases, radionecrosis, in neurology, sports medicine, etc). Particular attention was paid to the possibilities and benefits of applying this therapy in patients with Post Covid Syndrome. With reference to that, **the main topics of the Program** included the following:

- i) **Physiology of oxygen transport in hyperbaric conditions**
- ii) **Physicochemical and physiological characteristics of oxygen - Hazard list**
- iii) **Hyperbaric chambers - technical characteristics and safety measures**
- iv) **Indications, contraindications and complications of HBOT**
- v) **Practical implementation of specific treatment protocols according**
- vi) **to indications, age and general condition of the patient**
- vii) **Compatibility of HBO and medicaments**
- viii) **Therapeutic decompression protocols**
- ix) **Urgent application of hyperbaric oxygenation**
- x) **Barotraumatic gas embolism (BGE), and other topics.**

The curriculum included theoretical lectures and hands-on training for the application of **single-use oxygen chambers** for therapeutic purposes. The lecturers were distinguished experts in this field. Based on the participation and acquired knowledge and skills during the Seminar, participants received an internationally valid Certificate of the European Center for Peace and Development of the United Nations University for Peace.

