



EUROPEAN CENTER FOR PEACE AND DEVELOPMENT OF THE UNIVERSITY FOR PEACE EST. BY UNITED NATIONS

## I ECPD INTERNATIONAL SPECIALIST SEMINAR

# DIGITAL MEDICINE

(Belgrade, 21 – 22 October 2022)

European Center for Peace and Development of the United Nations University for Peace (ECPD) had organized on October 21 and 22, 2022 the I ECPD International Specialist Seminar on Digital Medicine, with the aim to focus on a new direction in modern medical practice - called Digital Medicine, Digital Health or e-Health. Co-directors of the Seminar were Prof. Dr. Miodrag Todorović, Professor at the ECPD UN University for Peace, long-standing Director of the Seychelles Ministry of Health, founder and CEO of “Panafricare” Clinic and Prof. Dr. Thomas Lux, Director of the „Competence Center eHealth“, University of Applied Sciences Niederrhein, Germany. Digital medicine refers to the use of information technologies, services and processes in order to provide health services and improve the health and quality of life of the population. In a narrower sense, digital medicine implies clinical practice supported by the application of information technology, Internet, mobile phones and digital communication channels aiming to improve the provision of health services. In a broader sense, it includes the digital hospitals, digitalization of hospital administration, regional medical and health network, remote diagnostic and treatment techniques that include information technology, etc. With reference to that, the main topics of the Program included the following:

**i) Introduction to Digital Medicine and Digital Transformation of the Health Sector:**

- Digital technology and applied Infrastructure
- Electronic Health Records (EHR)
- Clinical Decision Support Systems
- Telemedicine
- Remote Monitoring

**ii) Practical examples of digitization in primary health care**

**iii) Evaluation of the use of eHealth applications in the field of health care**

**iv) COVID-19 Pandemic and the Digital Transformation of Health Sector**

**v) Virtual Hospital - Potentials of virtual reality for the analysis and simulation of health processes**

**vi) Health Education by E-Learning**

**vii) Ethical and Legal Challenges in Digital Medicine, and other topics.**

Personalized health service, continuous monitoring of the patient's health condition, constant doctor-patient communication fundamentally changes the current concepts and relations in health care, yet the development of this dynamic process has only just begun. In line with that, education in the field of digital medicine is an imperative not only for the generations to come, but also for all the health care providers today. 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.

