

## TELEMEDICINE FOR BIODEFENCE AND INFECTIONS CONTROL

*E. Kldiashvili<sup>1</sup>, K. Gvetadze<sup>2</sup>*

*<sup>1</sup>Georgian Telemedicine Union (Association), Georgia; <sup>2</sup>Public Health Department of Ministry of Labor, Health and Social Affairs of Georgia, Georgia*  
[kldiashvili@georgia.telepathology.org](mailto:kldiashvili@georgia.telepathology.org)

The application of info-communication technologies for medical purposes stipulated creation of the new field, telemedicine. Through its technological possibilities distance consultations and lectures became reality. Telemedicine is successfully implementing in cardiology, traumatology, emergency, oncology, dermatology and etc., but taking into account its possibilities telemedicine can be effectively used for infections diagnostical, treatment and control purposes. In particular, for trainings of medical personnel, epidemiology, information monitoring, databases organization, creation and update of informational web-pages, contact with world organizations and infected countries for the aim to realize exchange of epidemiology, virology and pharmacology data, for fast communication in healthcare system and also for public education purposes.

The present initiative aims creation of the system to prevent and control infections with the help of telemedicine. Its mission is the increasing of healthcare access by assuring a public health professionals workforce that meets the needs of the public. The main goal is the creation of the system which will effectively implement the training of medical personnel to identify and respond to public health crises, including bioterrorism and infectious diseases and comprehensively coordinate public health actions too. The initiative promotes organization of the system for the development of an effective response by the civilian medical communities (public health) to the earliest stages infections widespread and biological attacks through the use of telemedicine possibilities that optimally coordinate efforts between civilian medical responders (public health) at national, regional and international levels. The system will ensure the most comprehensive and cost-effective schema of public health professional's activity.

The present initiative means creation of the system the main advantage and peculiarity of which will be combining of public health and telemedicine possibilities.

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