

## **ABSTRACT**

The thesis discusses how information and communication technologies (ICT or IT), nowadays transforms the form of health and social services. The specific arguments and social events are described, that leads today's health and social services closer to the use of ICT, influence and changes it. The work describes the latest trends linking ICT and social and health services in the areas of e-health, telemedicine, mobile health and assistive technologies. Specific tools and equipment and their practical use are presented. The practical part focuses on the introduction of specific- gadgets tablet care in caring for the elderly. Through direct interviews with caregivers and seniors is investigated how new technology is perceived by caregivers and seniors, how new technology equipment to care are introduced, and what positive and negative impact are the ICT has for facilities and the elderly.

## **Key words**

assistive technology; eHealth; mHealth; patient engagement; population ageing; senior activation; senior care; telemedicine; touch tablets