


tele-¹

WORD ORIGIN

- 1 a combining form meaning “distant,” especially “transmission over a distance,” used in the formation of compound words:
telegraph.

medicine

 [*med-uh-sin or, esp. British, med-suhn*] [SHOW IPA](#) 

[SYNONYMS](#) | [EXAMPLES](#) | [WORD ORIGIN](#) | [IDIOMS](#)

[SEE MORE SYNONYMS FOR *medicine* ON THESAURUS.COM](#)

noun

- 1 any substance or substances used in treating disease or illness; medicament; remedy.
- 2 the art or science of restoring or preserving health or due physical condition, as by means of drugs, surgical operations or appliances, or manipulations: often divided into medicine proper, surgery, and obstetrics.
- 3 the art or science of treating disease with drugs or curative substances, as distinguished from surgery and obstetrics.
- 4 the [medical](#) profession.
- 5 (among North American Indians) any object or practice regarded as having magical powers.

Jozef Kalužay
Standard procedures



 **MINISTRY**
OF HEALTH
OF THE SLOVAK REPUBLIC



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Telehealth (public health, global view)

- home („virtual“?) health care (outside of facility)
 - hospital / institution – dangerous environment
- remote field (long distance) – experience transfer
 - in diagnosis, care
 - training can sometimes be delivered
- to improve health care access and outcomes
 - chronic disease treatment
 - individual care pathways
 - team work and case management support
 - vulnerable groups
- to reduce demands on crowded facilities
 - e.g. “teletriage” in acute care (EM...)
- cost savings?
 - health sector more resilient

Health and sustainable development

Telehealth



An outreach worker uses a PDA device to keep track of her patient's health during a home visit in western Kenya, where an electronic record system has revolutionized HIV care.

WHO/Hockstein

Telemedicine: practice of medicine using technology to deliver care at a distance.

Telehealth to provide care and services at-a-distance.

Telehealth is different from telemedicine: Telehealth can refer to remote non-clinical services. Broader scope.

Slovak republic perspective

- teleradiology
 - PACS (picture archive. and communic. system)
- teleconsultations
 - (“unofficial”) telephone consultations with a
 - primary care physician / nurse
 - specialist
 - minor acute problem **contact phone line**
 - health insurance company
 - STEMI app (ECG dg), Stroke app (resources util.)
- remote patient monitoring (e.g. producer driven)
 - arrhythmias
- first experience with patient decision AI support
- **ePrescription** (after TeleConsultation)
 - **part of centralized national eHealth system**



Opportunities

- Legislation?
- **Reimbursement?**
- eInformed consent?
- Registration?
- Regulation?
- IT infrastructure supp.
- Safety of data storage, transfer?
- Fragmentation?
- Highest authority?

Future of telemedicine in the EU

- increased mobility of EU citizens
 - cross border (consolidation of EU health care system?)
- mHealth apps
- patient “big” data collection and analytics
- security enhance., interoperab., fragmentation?
- include, invest (fairly, regulation), innovate
 - leaving no one behind
- digital standards, standard procedures
- authorities and public “cultivation”, regulation

