

mHealth Solutions Method for the Coordinated Health Care



Changes in Trends

- current image of health care*



UNIQUE MOBILE USERS

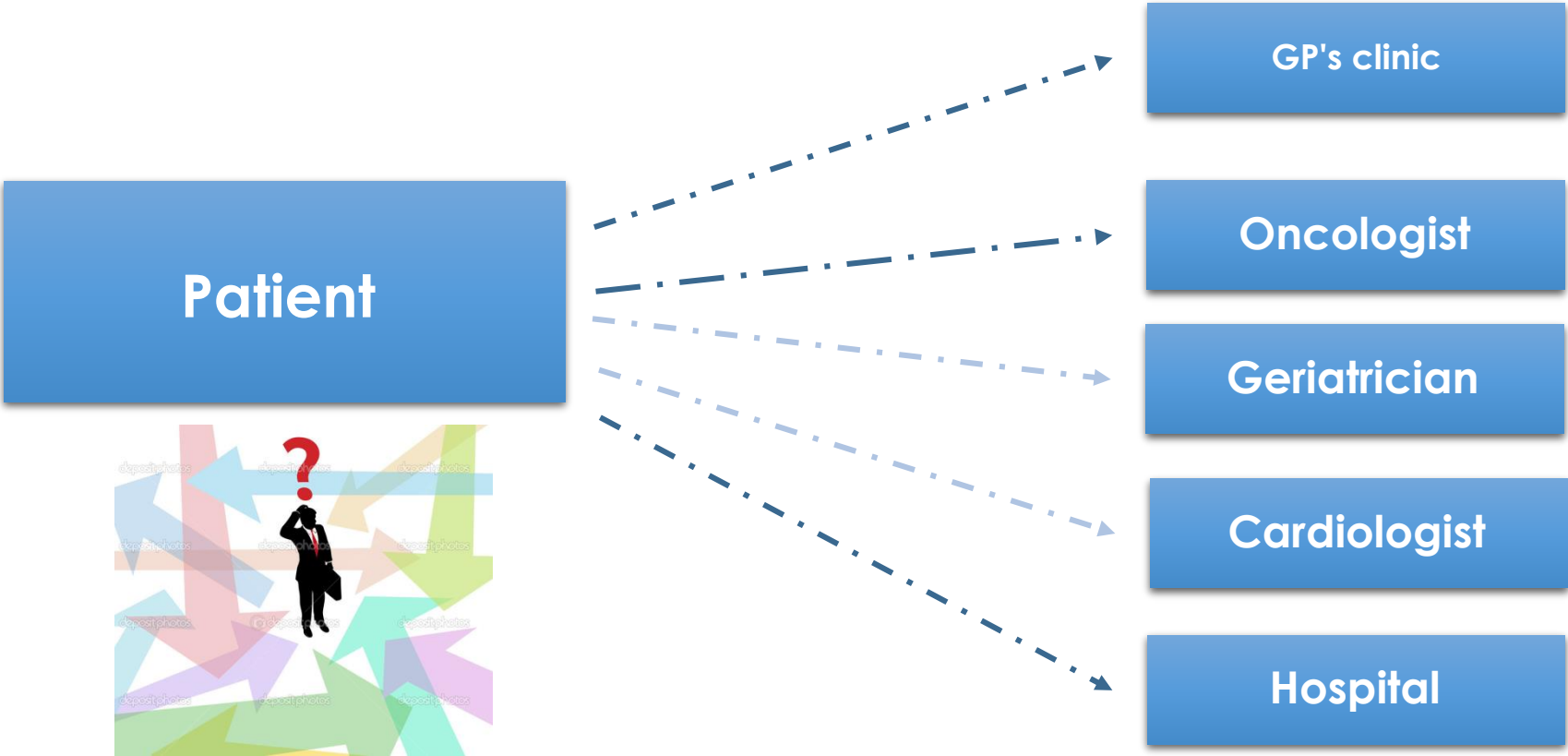
3.790 BILLION

GLOBAL PENETRATION: **51%**

Sources: Population: UN, US Census Bureau; Internet: ITU, InternetWorldStats, CIA, national government ministries and industry associations; Social & Mobile Social: Facebook, Tencent, VKontakte, LiveInternet.ru, Nikkei, VentureBeat, Niki Aghaei; Mobile: GSMA Intelligence.



Contemporary Problems of Health Care System



The future requires new solutions:

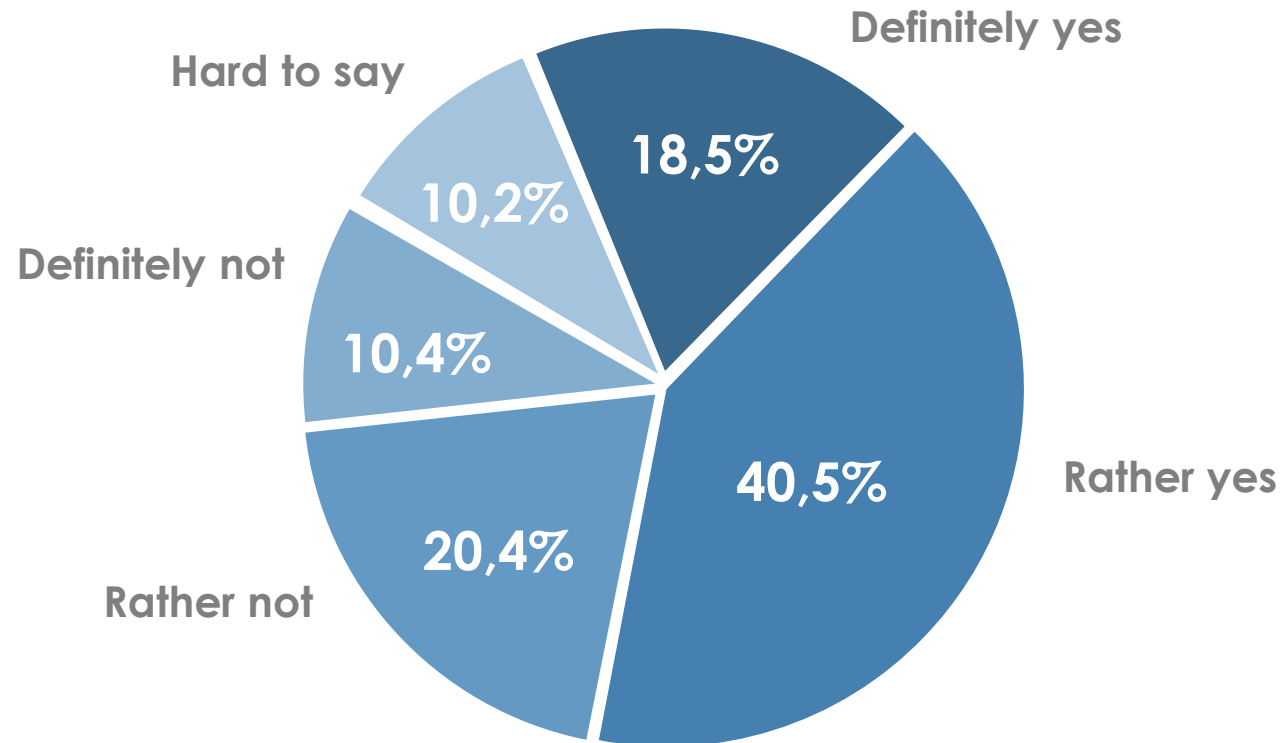
$$1 + 1 = ?$$

Health care + modern technology

Are we ready for this?

Dynamic development of telemedicine

Patients' interest in telemedicine



60% of patients from Central Eastern Europe are ready for telemedicine

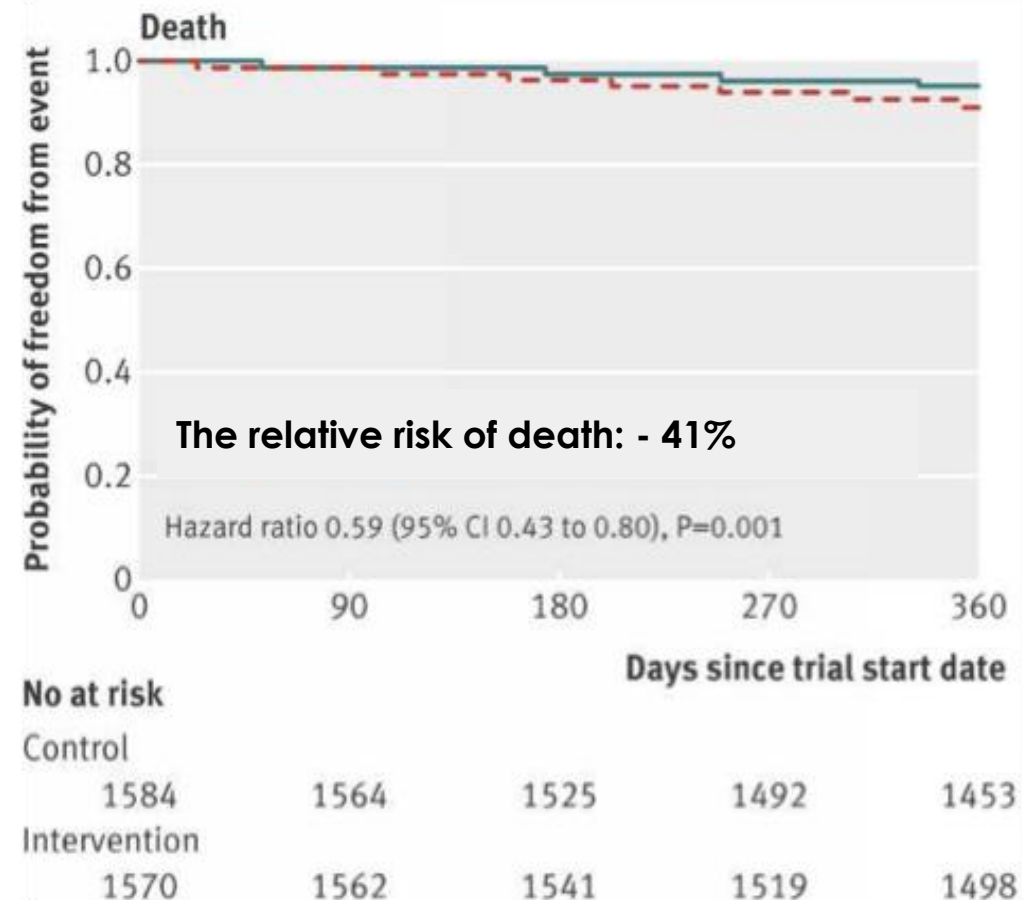
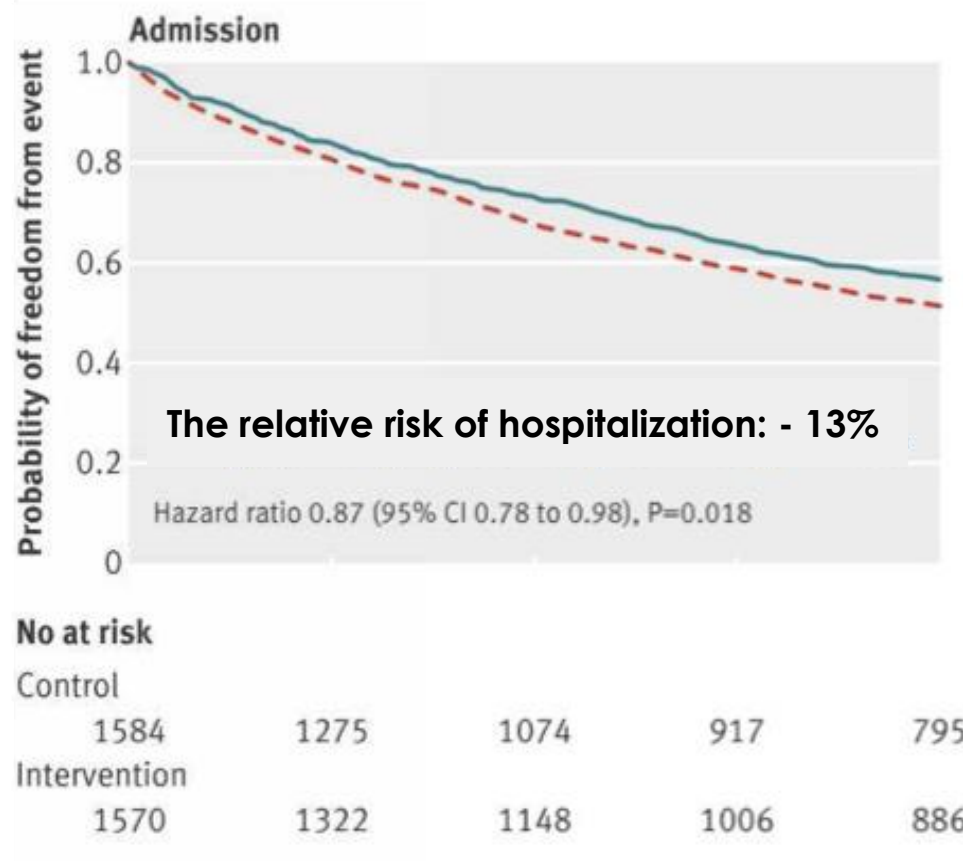
Source: PwC survey in a group of 3000 respondents

<http://www.pwc.pl/pl/publikacje/2016/pacjent-w-swiecie-cyfrowym-raport-pwc.html>



**Is there any scientific evidence
for the effectiveness of telemedicine?**

Whole System Demonstrator 2012



Steventon A1, Bardsley M, Billings J et al. Effect of telehealth on use of secondary care and mortality: findings from the Whole System Demonstrator cluster randomised trial. *BMJ*. 2012 Jun 21;344:e3874. doi: 10.1136/bmj.e3874. n: 6191 patients; n: 238 primary care physician's clinics



Using the telemedicine platform for a 12-month clinical trial in a group of patients with paranoid schizophrenia

- All analyzed clinical parameters improved
- Reduction of schizophrenia symptoms in the surveyed group
PANSS scale, by 8,6% (p<0.05)
- Reduction of depression symptoms in the surveyed group
Calgary depression scale, by 36% (p<0.05)

The future requires new solutions:

1 + 1 = at least 3

Coordinated health care + telemedicine

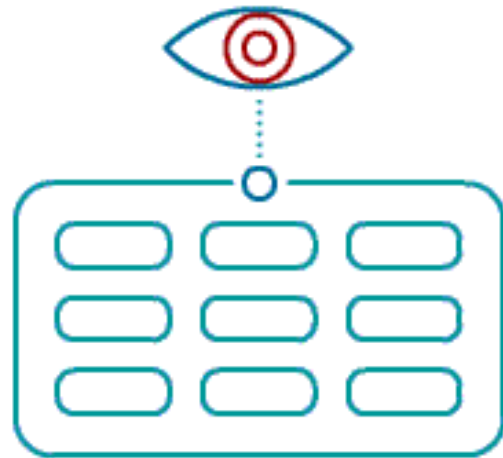
Is there any solution for this?



medivio

The First Certified Telemedicine Clinic

certified medical device, class 2A



Improvement of therapy effectiveness



medivio Key Benefits

patient

- **Fast and safe access to a doctor - teleconsultations**
- Improvement of treatment effectiveness
- Access to one's own medical records
- Control over regular medication
- Remote monitoring (mobile measuring equipment)
- Register of measure tests (e.g. glucometer, blood-pressure monitor)
- Access to educational materials



medivio Key Benefits

doctor

- **Improvement of treatment efficiency**
- Optimizing working time
- Quick access to medical records
- Co-sharing medical records
- Mobile education
- Top quality thanks to ISO13485 Certificate
end Certificate for class 2A medical device
- Full protection of medical data



medivio Key Benefits (potential)

health care system

- **More efficient treatment => savings in the health care system**
- One source of epidemiological and statistical data
- Monitoring of drug therapy (optimizing drug policy)
- Central register of medical records that is available online
- Implementation of e-prescription, e-sick note, e-referral
- Introduction of teleconsultation and case teleconference

Security and Highest Standard



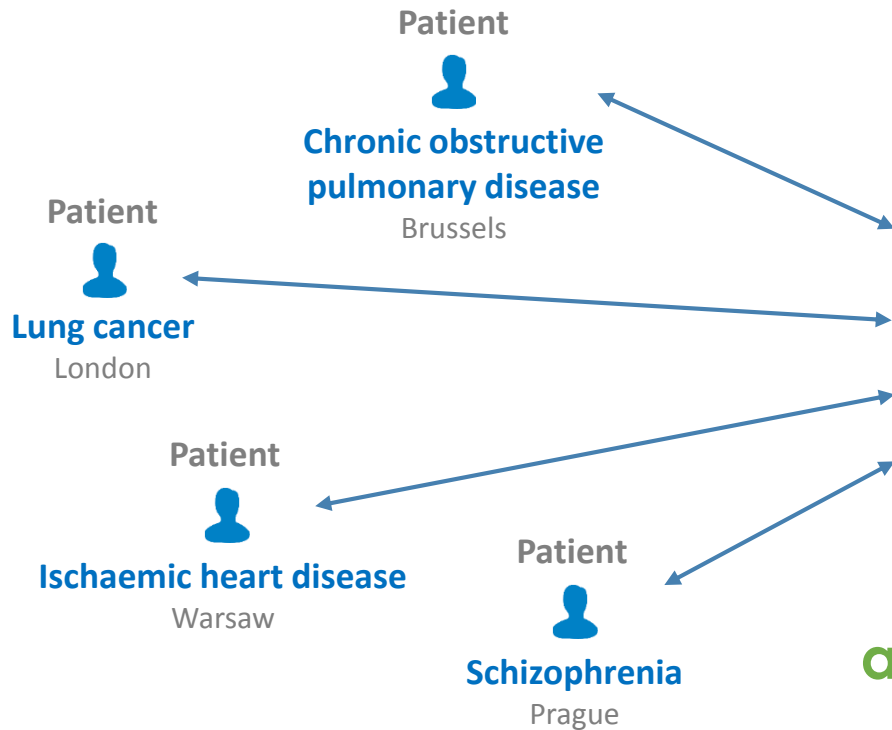
Certified combination of the modern equipment and specialist software
2A class Medical Device and ISO 13485 certificate



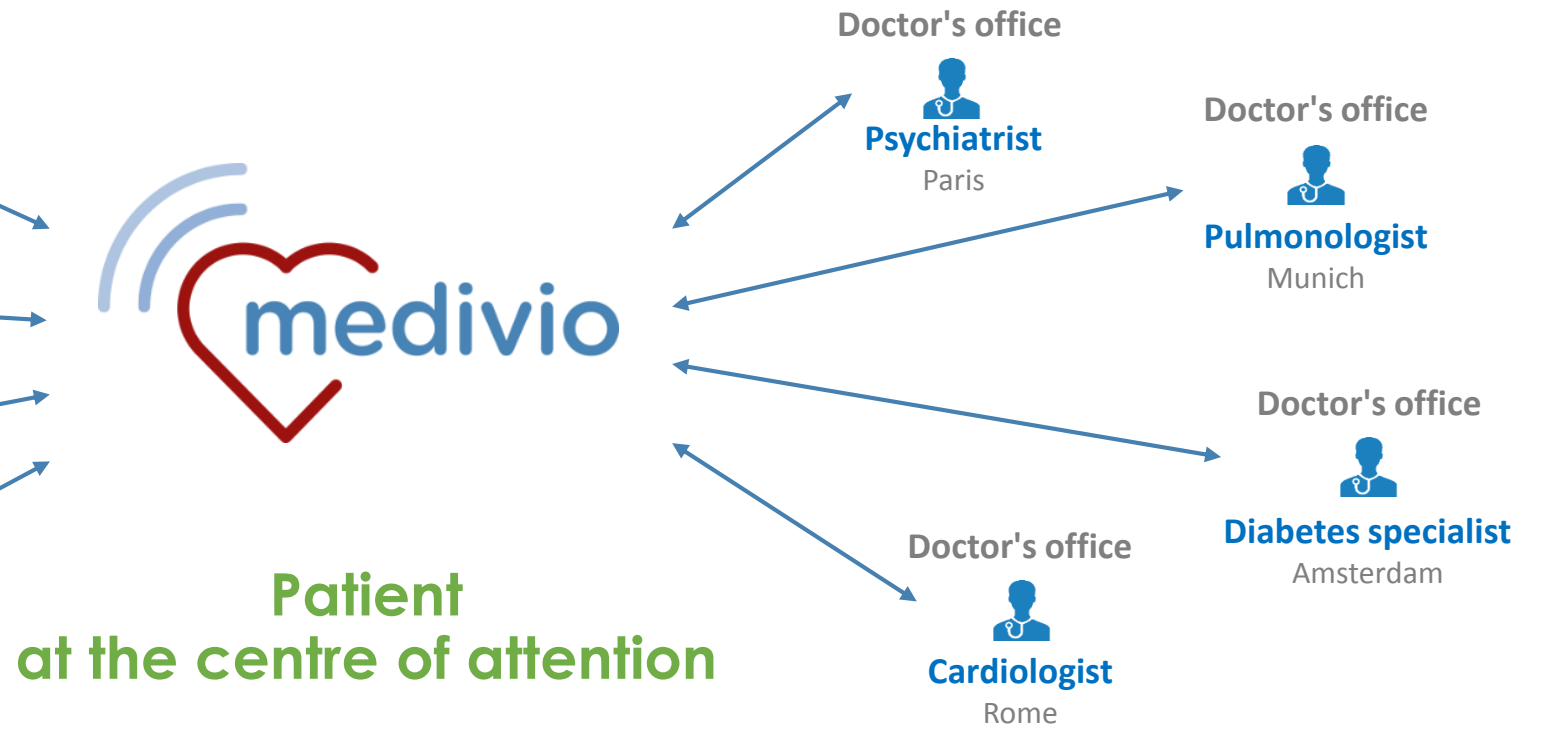


The First Certified Telemedicine Clinic

Patient's account / patient's portal



Doctor's account / doctor's portal



**Patient
at the centre of attention**



Strategic Partnership



Innovation leader in the pharmaceutical industry in Poland.

30 years' experience in cooperation with doctors.

Knowledge of patient's needs, doctor's needs, medical processes, and health care system.

We respond to the key challenges of modern medicine.



Leader in the creation of computer software tools for managing medical processes.

14 years' experience in designing and manufacturing solutions for telemedicine and telecare.





The Patient Centric Platform

**The first certified telemedicine clinic
for everyone, in every place**



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