ISfTeH | International Society for Telemedicine & eHealth

The ISfTeH is the international federation of national associations who represent their country's Telemedicine and eHealth stakeholders. The ISfTeH exists to facilitate the international dissemination of knowledge and experience in Telemedicine and eHealth and to provide access to recognized experts in the field worldwide.

- ◉ Exchange
- ◉ Networking
- ◉ Good practice
- ◉ Development
- ◉ Deployment
- ◉ Relationship

Members in over 80 countries
www.isfteh.org/members

IStTeH | International Society for Telemedicine & eHealth

- Membership:
  - National
  - Associate
  - Institutional
  - Corporate
  - Individual
  - Student
  - Nurse

- Working Groups:
  - Chronic Disease Management
  - Open Source
  - eHealth Economics
  - Junior Doctors
  - Social Media
  - Students
  - Telenursing
  - Women and eHealth
  - …

- International Relations and Partnerships:
  - World Health Organization
  - International Telecommunication Union
  - European Commission
  - International Council of Nurses
  - European Association of Hospital Physicians
  - European Junior Doctors
  - International Federation of Medical Students' Associations
  - European Medical Students Association
  - Pharmaceutical Group of the European Union
  - Continua Health Alliance
  - …

International Society for
Telemedicine & eHealth

ISfTeH

22-24 APRIL 2015

Med@Tel
LUXEMBOURG
BY ISFTEH

IHE | CONNECTATHON EUROPE
LUXEMBOURG APRIL 20-24 2015

AGENCE
eSanté
LUXEMBOURG

Agence nationale
des informations partagées
dans le domaine de la santé

Challenges…

Teleconsultation

- Swiss Center for Telemedicine (250 staff - 70 physicians)
- Reaching half of Swiss population
- Up to 4,300 teleconsultations a day
- Around 4,5 million teleconsultations since starting in 2000
- 60% of cases treated via teleconsult (+ prescription)
- Cost reduction is greater than the cost of the telemedicine service

MEDGATE

netCare

Some related, recent observations:
- *"Can the NHS be in crisis when they want to waste money like this?"...*Telehealth and Telecare Aware article on £1 fund to transform GP surgeries by building new premises
- Recent survey of US consumers found that 64 percent are willing to have doctor visits via video telehealth (American Well)
- In the US, ATA now offering accreditation of online patient consultations

Treatment Adherence

- Observia develops various digital health programs to improve patient adherence and outcomes, in cooperation with medical and patient organizations in France
- Adherence programs rely on motivational communications with patients
- Software available to retail pharmacists as a guidance tool for conducing so-called 'pharmaceutical interviews' (patient adherence and support interviews)
- Pharmacist benefits: additional source of income (related to 'pharmaceutical interview'), adapted/tailored content available, maintaining relation with patient
- Patient benefits: improved adherence, avoiding health incidents
- Facilitate cooperation among health professionals
- Nearly 2000 community pharmacies already involved

Teledermatology

- University of California, San Francisco (Dept. of Dermatology)
- Asynchronous (store-and-forward) teledermatology
- Covering 3 county-wide public health systems
- 3 major hospitals
- All dermatology requests first screened by teledermatology, then in-person visit if necessary
- In-person dermatology waiting list reduced from 2000 to 50 patients within 6 months (97,5% reduction)

UCSF

Medweb
Distributed RIS/PACS and Telemedicine
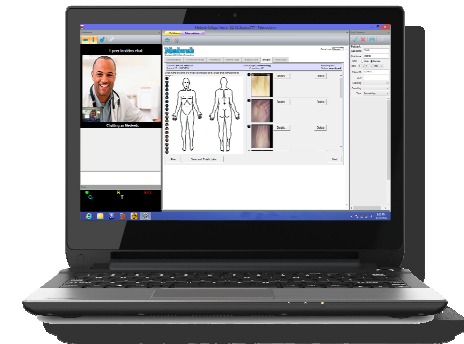
Telecardiology network

- 01 Referral Centre
- 37 Remote Institutions
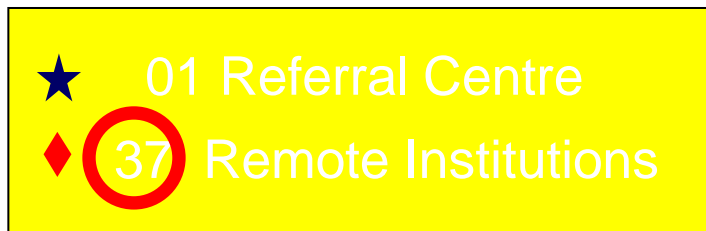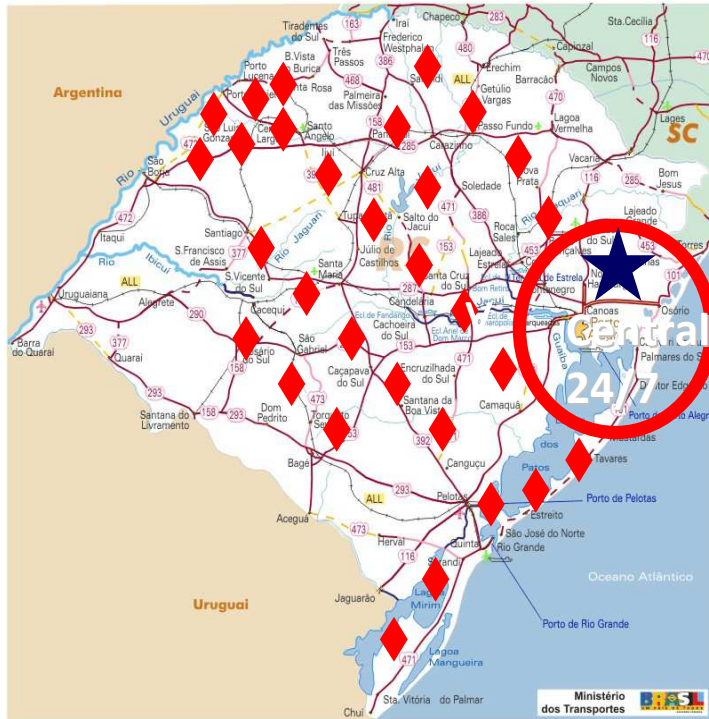
- Telecardiology program of Rio Grande do Sul, Brazil
- Telecardiology Unit 24/7 at eHealth Centre of the Institute of Cardiology
- Cardiology videoconsult (second opinion)
- Training sessions (monthly, web-based program transmitted to the remote sites)
- 37 remote sites, expanding to 80 (2015), 120 (2016)
- 33784 tele-ECGs (in 2014) - 2803 acute cardiologic cases (8,3%) of which 217 ECGs diagnosed as Acute Myocardial Infarction
- Monthly budget of about €20,000

Acute Cases in 2014 = 2803

Telemonitoring, coaching

- Telehealth services at East London NHS Foundation Trust
- 'Core' telehealth team: providing vital signs reading with questions and educational videos - 700+ users (2013-2014)
- Diabetes Specialist Nursing (DSN) team: texting and prompting service (smartphone-based) - 500+ users (2013-2014)
- 87% of service users would (very) likely recommend service to friends and family
- Effective in reducing emergency admissions and mortality rate without negatively impacting quality of life
- Telehealth enables the clinical staff to care for more people
- Budget/business case (2015/2016): net cost of this community matron led care using telehealth is £256,050 cheaper than without
- First telehealth service to become accredited to the European Code of Practice for Telehealth Services

East London NHS NHS Foundation Trust

Code of Practice for Telehealth Services

- Developed under the TeleSCoPE project (co-funded by the EU Health Programme)
- Guidelines and quality benchmark for telehealth services
- Telehealth service domains:
  - *health and motivational coaching*
  - *activity, behavioural and lifestyle monitoring*
  - *gait, seizure and falls monitoring*
  - *point of care testing, and support for diagnoses/decision making*
  - *vital signs monitoring*
  - *mHealth*
  - *prompting for medication or therapy adherence*
  - *rehabilitation and (re)ablement*
  - *responding to 'events'*
  - *teleconsultation*

"… an important development to help health reforms in the EU. A quality benchmark for telehealth services that fits well with the objectives of the Commission's eHealth Action Plan. I wish to see the Code being endorsed by key regulatory or government bodies in member states."
Tapani Piha (Head of eHealth and Health Technology Assessment Unit) European Commission, DG SANCO

Code of Practice for Telehealth Services

Telehealth Quality Group

- Code of Practice taken forward by the newly established Telehealth Quality Group
- Assessments carried out in cooperation with DNV Healthcare
- A community of service providers
  - *community of services*
  - *sharing knowledge*
  - *shaping good practice*
  - *doing justice to health and well-being agendas*
  - *gaining greater recognition of health professionals*
  - *broadening horizons (to an European and world perspective)*

Thank you!