Remote Teleconsultation in Primary Health Care: local and global needs

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eHealth means to build a house!
Roles and Perspectives of Collaboration

Strategists = Planners
Exec Leaders = Owners
Architects = Designers
Engineers = Builders
Technicians = Subcontractor
Workers = Users

We have different needs...
...and different possibilities
Overall Goals of Healthcare

Cure
Acute medicine (=information mgmt)

Care
Chronic medicine (=relationship mgmt)

Health management
Individual behaviour & life style
Organization, coordination & logistics
Challenges in Western Countries

- Complexity of problems
- Multiple stakeholders
- Redevelopment of service delivery processes
- Redesign of organisational structures
- Need for policies and regulation
Western Countries' Paradigm Shifts

Healthcare is currently evolving:

- From "reactive" to preventive healthcare
- From "hospital-centric" to person-centred health systems
Mobility as a driving need

Centrifugal mobility

- "Follow me" services
- Needs: "Doc around the world"
- Young and highly mobile citizens
- Transferring the point of care worldwide

Centripetal mobility

- "Come to me" services
- Needs: "My home is my castle"
- Elder citizens and patients at home
- Bringing services into the living room
ICT as a Convenience
Decentralized Point of Care

By courtesy of Cisco
Connecting people in health and social care will benefit from the application of ICT in support of
- **Continuity of care**
- **Collaboration between stakeholders,**
- better **Communication**
- safeguarded **Confidentiality.**
eHealth in Western Countries
Needs in Developing Countries
Roads, Transportation, Access to HC

The road conditions and the many floodings in rural areas often makes patient transportation difficult or even impossible.
Need for Connectivity – and Energy!

- Currently the network coverage in many villages is very irregular
- As a first step network must be deployed
- Network coverage and connectivity will be drastically improved.
- Nevertheless: no energy means no supply chain.
Informal Counselling

CHEW’s

Cluster Clinics

Semi-Structured Consultation

District Hospital

Teaching Hospital

Emergency medical transport vehicle
Practical Goals first!

- Increase quality and access to primary health care for patients in rural and/or underserved areas
- Reduce transportation time & cost for patients and their families
- Increase medical knowledge and safety in primary healthcare facilities
- Self supporting business model in the long run
Homework is the same for all!

Output = Products and Results

SERVICES

Technical = Broadband, EHR, ID-Management, ePrescription, etc.

Normative = Policies, Regulation, Standards, Nomenclatures, etc.

Organisational = Change Mgmnt, HCsystems reorganisation, etc.

FOUNDATION
eHealth from a global perspective
Let's work together – Thank you!