

Global Forum: shaping the future

17to18 November 2014

Geneva, Switzerland

Connected health: the way to Universal Health Coverage

Universal Health Coverage

- The goal of universal health coverage is to ensure that **all people** obtain the **health services** they need- **prevention, promotion, treatment, rehabilitation and palliation** without risk of **financial** ruin or impoverishment, now and in the future.

Source: World Health Report 2013: Research for Universal Health Coverage

Connected health is the future

"A connected health based on affordable and secure information and communication infrastructure and services will ensure effective collaboration and networking between and among healthcare professionals and citizens which will contribute to achieving Universal Health Coverage".

Healthcare: shift from paper to digital

- Passive/static
- Active
- Standalone
- Isolated
- Availability focused
- Ownership (my)
- Single format
- Single access
- Physical
- Fragmented
- Active/dynamic
- Proactive
- Networked
- Connected
- Accessibility focused
- Locator (our)
- Hybrid, multimedia
- Multiple access
- Virtual
- Can be integrated

Implications

- Privacy and confidentiality issues;
- Legal issues;
- Ethical issues;
- Loss of data, data corruption;
- Denial of services;
- Standardization and interoperability issues;
- Trust in technology vs. resistance by professionals and patients;
- Avalanche of health/medical information.

Implications

- An empowered citizen/patient through better access to information and participation in care delivery and by joining communities that have similar health conditions;
- Enabled multidisciplinary health team work through true sharing of data among clinicians, nurses, social workers, etc.;
- Move care especially for aging populations from hospital to home, enabled self-care and community care;

Implications

- Moving data and not people for better care including supporting telemedicine, tele-care and homecare through a network of caregivers;
- Innovative technologies including, sensors, implantables and personalized medicine;
- Increased focus on interoperability of data and systems;
- Real opportunity for cost saving and improved quality of care;