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How IT and adequate governance could help to cope with healthcare challenges

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The national and regional health systems are facing the same challenges: Expanding demand on citizens, fragile individuals and patients to cope with rare resources, health professional liability, fragmentation of the market and economic crisis are on the top list. This presentation intends to detail the common priorities and the way by which the European nations are proposing new ways of working together with all the stakeholders in order to cope with the diverse nature of these challenges. Despite their respective healthcare organization and regulation framework differ, the European countries have decided to work in close cooperation and discussed common governance for potential common eHealth services based on agreed "use cases". The main focus of this ambitious vision will be served by using the IT (eHealth) as a trigger to facilitate the implementation of this shared vision. The presentation will focus on the top priorities and explain how public authorities have agreed on and co-designed a roadmap on EU interoperability for eHealth. The diverse areas covered have being formalized by the official representatives of each European country into a 3 years work-program. Some examples of these priorities will be detailed (legal framework proposal, semantic and "info-structure "governance as well as experimentations in the form of "Large Scale Pilots" implementation agreed at national level. They are involving on the one hand a consortium of industry partners and SDOs (Standard Development Organization) to enhance the role of international standards and profiles and on the other hand the respective users (citizens, patients, Health professionals and providers). The presentation will welcome a debate on this model with the audience to get real time feedback of the American & international community. The pros & cons will be discussed. One of the overall objective is to eliminate as much as possible the legal and technical barriers and expands the market in order to facilitate the mobility of the individuals all around the world, being able to provide them the same level of quality and secure Healthcare as in their own country, enhancing the coordination of care being promoting and implementing secure data exchange through interoperable systems. In conclusion the benefits of the usage of standardized structure services and their "mutualization" at a continental level will be challenged and a debate on the sustainability conditions and challenges will be initiated: Is there sufficient specificity in the health sector to design a specific framework or the main basic building blocks to be used as common services have to/could be derived from other sectors (e-administration, e-transactions).

Biography

Michele Thonnet, neuropharmacologist, PhD, is graduate in applied mathematics and medical informatics, political sciences and public law and from the national industrial strategies institute. She is a health, information systems, telecom and security specialist, with more than 25 years experience and over 200 publications. She used to held different positions in the pharmaceutical industry as well as the computer and telecom ones including the international standardization, moving from the research (at INSERM1 and INRIA2) and teaching area (Associate Professor in well known french « grandes écoles » and in Paris University) to the industry sector (software and networks) then back to the Health domain first at AP-HP 3 Paris hospital, followed by different positions in public innovation agencies. She is the official representative of the French Ministry of Social Affairs and Health in the European & international e-Health domain, member of the strategic committee of the Health technologies national network, member of different national and international boards (eHPMR, Health on the Net foundation (HON)) in charge of the e-Health European and international programmes and initiatives. As regards to the present EU initiatives, she chairs the European eHealth interoperability Roadmap of the eHealth governance Initiative, building upon the CALLIOPE network, is member of the board of epSOS and other transversal or eGovt projects. She is member of the European eHealth Network (eHN), created by the DIR 2011/24/EU composed by the eHealth official representatives of the Member States.

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