Inter-Municipality Initiative: Cross-border eCollaboration in the Danube eRegion

Cross-border eSolution/eService Prototype Development Proposal

Presentation event: *3ʳᵈ Danube eRegion Conference – DeRC 2013 in Ljubljana on September 23-24*

Prototype title: Regional arthroplasty register

Short description of the prototype:
(problem to be solved, expected benefits, main stakeholders, expansion opportunities, related EU projects, references):
Increasing number of hip and knee replacements demands a careful follow-up of success of implanted prostheses and techniques used. Good examples are Scandinavian registers which exist for over 40 years. In Valdoltra hospital such register exists for 10 years. There is a clear benefit to establish a network of interoperable national registries of hip and knee implants in the region. Expected benefits include a close follow-up of particular type of prosthesis, comparison between countries and regions, exchange of information, fast reactions to alerting situations (i.e. safety issues), improved access to multi-site data for research, health policy, health technology assessment. Main stakeholders include hospitals, health institutions, implant manufacturers. The largest benefit will experience thousands of patients due to long-term improvement in orthopedic treatments. Possible partners are registry holders in Austria, Croatia and Italy. Several institutions from Slovenia already expressed their interest for collaboration (Novo mesto, Jesenice, Sanatorij Rožna dolina, IVZ). Related projects: NIPH is the coordinator of PARENT, the EU Joint Action on patient registries, defining guidelines and recommendations on cross-border enabled patient registries in EU (www.patientregistries.eu).

Reference http://www.ob-valdoltra.si/international (Valdoltra Arthroplasty Register)

ICT requirements for the prototype deployment in another organization/country:
A web application is required which would enable a safe and secure transfer of information among the hospitals and institutions. To achieve that the unification of e-system in the hospitals is required.

Expected cross-border impacts: To establish the registry which would comprise national or regional arthroplasty registries in the region with the goal to provide information on the clinical performance of particular type of orthopaedic prostheses.

Proposer - contact person

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Existing partners (name & family name, position, organization, country):
Prof. Gerold Labek, Vice President EFORT-EAR, European Arthroplasty Register coordinator, Austria
Andrej Strahovnik, MD, President of Slovenian Arthroplasty Register, Slovenia
Asst. Prof. Matic Meglič MD PhD MBA, PARENT coordinator, National Institute of Public Health, Ljubljana, Slovenia

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What type of partners are we looking for?
- Hospital from Slovenia and Danube regions with ortopaedic departments/activities
- Health institutions from Slovenia and Danube regions involved in registries and data collection
- Manufacturers of hip and knee implants
- Companies from Slovenia and Danube regions involved in e-services

Remark: I, the proposer of the prototype, do agree that my personal data is published.