



## SHARE4HEALTH



### Healthcare professional's collaboration Space

The focus of this project is a common patient centric, community centric healthcare IT platform that is used by hospitals, general practitioners and pharmacists and that addresses the needs of the next generation clinical applications, which focus on collaboration and decision support.



The research results will be implemented and integrated to obtain a proof-of-concept of a next-generation healthcare platform for collaboration between general practitioners, pharmacists and hospitals.

Security, collaboration and decision support.

The approach of Share4Health is to leverage on the results of the eHip/IBBT project. This project delivered a basic eHealth IT infrastructure with focus on information sharing.

## The Share4Health project further expands the eHip infrastructure in two dimensions:

1. New clinical applications, sharing the same eHealth infrastructure, bring new requirements to the security mechanisms. Share4Health will focus on patient consent management, federated identity management and access management.
2. Collaboration functionality and decision support will be added to the platform to make the platform ready for advanced applications like disease management and clinical pathways.

## Innovative aspects of Share4Health

- The establishment of a common infrastructure for a large variety of community level healthcare applications at the level of primary, secondary and tertiary care, instead of a dedicated platform per healthcare application.
- The use of the Web2.0 technologies in healthcare infrastructure on community level and patient centric applications.
- The integration of decision support capabilities into the infrastructure and applications.
- The development of (beyond the) state-of-the art security and privacy solutions.

## Proof-of-concept

The focus will be on applications where healthcare professionals want to share patient summaries and medication management and may take advantage of decision support systems and new collaboration technologies.

## The Consortium

The multi-disciplinary Share4Health consortium includes both large enterprises and SMEs, with a mix of technology and service companies, as well as several IBBT research groups. Also clinical users like hospitals, pharmacists and general practitioners are strongly involved in the project.

In addition, a clinical board composed of representatives from all stakeholders involved (hospitals, GPs, government, insurers ...) will get an insight on the project progress, guard the clinical validity and will provide the necessary guidance and feedback.

## RESEARCH SUBJECT

This project is part of the  
IBBT research subject  
eHEALTH

Healthy  
Society 

The key to accessible and efficient health care lies in the  
cross-fertilization between research, technology and health care itself.

## IBBT RESEARCH GROUPS

IBBT-COSIC-K.U.Leuven  
IBBT-DistriNet-K.U.Leuven  
IBBT-ICRI-K.U.Leuven

IBBT-MMLab-UGent  
IBBT-SMIT-VUB  
IBBT-FMPHC-UGent

## IN COOPERATION WITH



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