MEDit

Gediminas Baublys, UAB „BITI"
Director
Tel.: (+370) 5 2735 888
E-mail: Gediminas.Baublys@biti.lt

Kastytis Trapinskas, UAB „BITI"
Project manager
Tel.: (+370) 5 2735 888
E-mail: Kastytis.Trapinskas@biti.lt

LITHUANIAN MEDit CLUSTER

Information Technologies in Medicine (MedIT) association represents Lithuanian MedIT cluster and specializes in the design, build and management of high performance and innovative solutions. By combining up-to-date hardware and software components with a range of customized professional services, MedIT helps its customers to create top-quality, efficient and reliable solutions.

VISION of MedIT – to become a leading association in ICT in medicine area. Moreover, to be a primary partner for Research, Education and Industry cooperation at the Worldwide level.

The MISSION of MedIT:

➢Strengthen the connection between members to promote exchange of best practices and expertise;

➢Enhance cooperation possibilities;

➢Create a strategic platform for joint projects;

➢Build partnership with National and Worldwide Institutions and participate in joint EU programmes.

www.meditcluster.com

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Most often, medical and health care institutions in Lithuania either have no advanced IT infrastructure or intend to modernize the system they have.

Moreover, competition among medical companies in the medical industry has become much fiercer in recent years.

As a result, 7 small Lithuanian companies and one Lithuanian business school united and formed an Information Technology in Medicine cluster in spring of 2013.

These companies are as follows:

agmis
innovative IT solutions

BALTICRAD
PROFESSIONAL TELERADIOLOGY SERVICES

VILNIAUS UNIVERSITETAS · 1579 · UNIVERSITAS VILNENSIS
IBS

MEDICAL SCIENCE ONLINE
MedSciNet

RUBEDO
SISTEMOS

BALTIJOS INFORMACINIŲ TECHNOLOGIJŲ INSTITUTAS
BITI

proit

Softneta

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Portfolio

BIOMEDICINE RESEARCH INFORMATION SYSTEM

MIDAS is designed to collect and keep different scientific data as well as any other information related to scientific researches besides to secure accessibility of data and information in digital environment. Biomedicine component of the system is special due to it's specific and sensitive data, methods and standards of data collection.

E-BOOKING

It's one of the crucial eHealth development priorities, probably the most targeted to the patient. Nowadays System unites over 60 health care institutions, almost 5000 specialists. Over 11 million appointments where registered in the System since it's introducing in 2008.

TELEMEDICINE

The goal of the project – to create an information system which functionalities meet the needs of the country's healthcare institutions and create a possibility of the full cooperation between medical professionals by enabling data exchange and, in this way, increasing the quality of medical services. Telemedicine tools are used for the consultation between healthcare providers of remote medical institutions or remote points of care.

BIOMEDICINE RESEARCH INFORMATION SYSTEM

MIDAS
mokslo duomenų archyvas

This is the long-awaited project among biomedical scientists and medical professionals.

The system is created in cooperation of Vilnius University and Vilnius University Hospital Santariskiu Klinikos and is called National Open Access Scientific Data Archive Information System (MIDAS).

MIDAS is designed to collect and keep different scientific data as well as any other information related to scientific researches besides to secure accessibility of data and information in digital environment. Biomedicine component of the system is special due to it's specific and sensitive data, methods and standards of data collection.

MIDAS biomedical researchers using information systems have the ability to:

> Create a digital research environment

> Create a multicenter databases of chronic diseases

> Create patient diseases monitoring systems

> Manage health event registration

> Collect and automatically transmit patient survey questionnaires, study protocols, monitoring protocols, ECG and radiological images, tests and other patient files

> Perform a statistical analysis of the data directly in digital research environment

> Select and export data for statistical analysis of third-party statistical software

> Obtain and provide research data to other information systems

> Automatically depersonalize scientific data and submit them for publication and store in open access area of MIDAS

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E-BOOKING
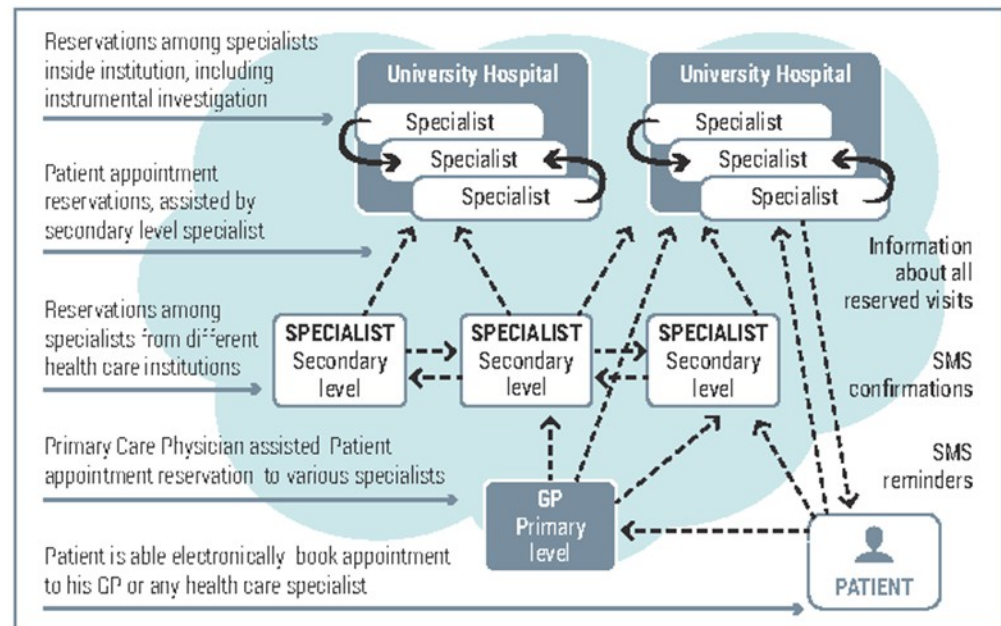
@sergu.lt
IŠANKSTINĖ PACIENTŲ REGISTRACIJA

It's one of the crucial eHealth development priorities, probably the most targeted to the patient

Vilnius University Hospital took leadership and connected 20 largest and most important health care institutions: primary centers, secondary level specialist outpatient clinics and university hospitals.

Nowadays System unites over 60 health care institutions, almost 5000 specialists. Over 11 million appointments where registered in the System since it's introducing in 2008. Internet use of the system is growing and reaches 17% (up to 40% in some institutions).

Innovative technologies, new features and services are implemented:

> specialist search in all health care institutions simultaneously

> SMS acknowledgment and visit reminder

> SMS feedback, appointment cancellation

> telephone conversation record attachment to the appointment

> patient queuing

Reservations among specialists inside institution, including instrumental investigation

Patient appointment reservations, assisted by secondary level specialist

Reservations among specialists from different health care institutions

Primary Care Physician assisted Patient appointment reservation to various specialists

Patient is able electronically book appointment to his GP or any health care specialist

University Hospital — Specialist, Specialist, Specialist
University Hospital — Specialist, Specialist, Specialist

SPECIALIST Secondary level
SPECIALIST Secondary level
SPECIALIST Secondary level

GP Primary level

PATIENT

Information about all reserved visits

SMS confirmations

SMS reminders

> booking for hospitalization and rehabilitation

> integration of decision support systems and electronic guides

> applications for mobile devices

> web-services for integration with local systems

> and much more.

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TELEMEDICINE

telemedicina

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Specialists can do offline reporting of radiology, ultrasound or ECG investigations as well as online consultations using video-conference and live broadcasting of medical examination, including equipment screen views.

The most popular use of information system:

> TeleCardiology (over 1 million ECG is already received by the system)
> TeleRadiology
> TeleDermatology
> TeleOphthalmology

You are welcome to Lithuania