

Organisational innovation in hospitals and healthcare

HOPE AGORA. COUNTRY PRESENTATION LITHUANIA.

DUBLIN, JUNE 2017

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Participants in Lithuania

Stephanie Miklau

- Head of Occupational Health and Safety Management
- Vienna Hospital Association
- Social Medical Center East – Danube Hospital

Maria Saenz Jalon

- Nurse; Operating Theatre
- Marqués de Valdecilla-Santander University Hospital
- Associated Teacher at University of Cantabria

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Lithuania - facts



Area
65,300 km²

Population
2,827,947

Capital and largest city
Vilnius

Official Language
Lithuanian

Borders
Latvia, Belarus, Poland, Kaliningrad Oblast

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Visited Places

- Kauno Klinikos- The Hospital of Lithuanian University of Health Sciences (LSMU)
- Republic Klaipeda Hospital
- Rehabilitation Center in Palanga
- Kulautuva Rehabilitation Hospital
- Ministry of Health of the Republic of Lithuania



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Innovations

we would like to see implemented in our own country/hospitals

- Rehabilitation centers including vocational therapy
- Nursing Education
- Mechanical waste treatment for infected waste

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Innovation Nr.1 - Rehabilitation Centers

Reason for our choice

E.g. Rehabilitation Center in Palanga provides

- **medical,**
- **vocational**
- **and active rehabilitation services for patients**

after severe head, spinal cord injuries, various traumas, surgeries, suffering from nervous and pulmonary disorders

- **in one place.**



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Innovation Nr.1 - Rehabilitation Centers

Palanga Rehabilitation Center

- largest rehabilitation center in Lithuania
- 220 beds

Duration of stays

- 100d: spinal injuries
- 54d: stroke
- 24d:
 - after hip and knee replacement
 - Repeat after 3a



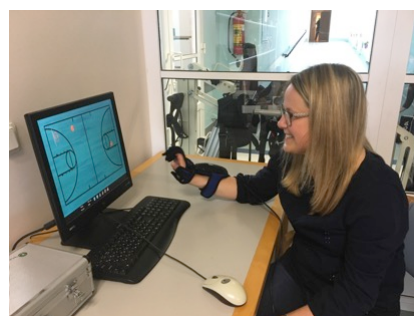
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Innovation Nr.1 - Rehabilitation Centers

Medical rehabilitation is an integrated application of medical rehabilitation measures.

The team consist of

- Neurologists
- Psychologists
- Social Workers
- Physiotherapists
- Speech therapists
- Ergotherapists
- Kinesiotherapists



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Innovation Nr.1 - Rehabilitation Centers

Active rehabilitation:

The aim of this training is to improve the maximum independence of people with disabilities to face their new lives.

At the Palanga Rehabilitation Center therefore they are using a especially adopted

- kitchen,
- as well as training gardens



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Innovation Nr.1 - Rehabilitation Centers

Patients are going to learn more about

- the Prevention of pressure ulcers,
- to carry drinks in wheelchairs,
- to open doors,
- personal hygiene and
- sexual life.

Patients have the possibility to take part in activities of daily life, e.g.

- Basketball,
- Archery,
- Barbecue...



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Innovation Nr.1 - Rehabilitation Centers

Vocational rehabilitation develop new skills in order to participate in the labour market.

At the Palanga Rehabilitation Center
e.g. it's possible to become a

- Jeweller,
- Tailor,
- Woodworking specialist,
- Shoemaker,
- Manicurist & Pedicurist,
- Hairdresser,
- IT specialist,
- or a Management specialist.



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Innovation Nr. 2 – nursing education

Reasons for our choice

- Nursing coordination division at the ministry of health
- Nursing studies in Lithuania corresponds to the EU standards for nursing
- Master and doctoral programs are available in English
- Student and teacher exchange programs
- NERP - Nursing Education, Research, & Practice

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Innovation Nr. 2 – nursing education

Education of nurses

Organizer: University, College

Duration of training: 3,5 – 4 a

Succession:

- Master degree: 2 a
- Doctoral degree: 4 a
- Postgraduate studies
- Individual studies at colleges



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Innovation Nr. 2 – nursing education

Nursing specializations:

- Anesthesia and intensive care
- Community nursing
- Mental health nursing
- Operating theatre nursing
- Emergency medical care

Duration: 3-6months

Way of study: practice postgraduate studies

Certificate: Refresher course

Institutions: High schools

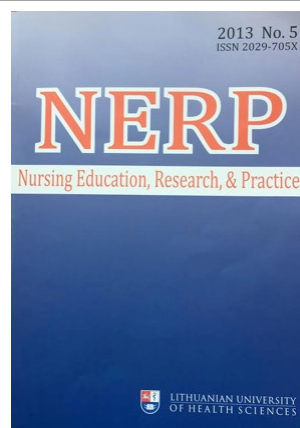
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Innovation Nr. 2 – nursing education

NERP - Nursing Education, Research, & Practice

- bi-Annual,
- peer-reviewed,
- international general research journal.
- ISSN 2029-705X

The purpose is to advance knowledge and to share new ideas and to demonstrate rapid and significant advancements in nursing and midwifery disciplines.



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Innovation Nr. 3 - Mechanical waste treatment for infected waste

Reasons for our choice

- Low costs for investment and maintenance
- Reduce costs of the treatment of infected waste
- Reduce the amount of waste between 40-70%
- Reduce the needs to transport infected rubbish to another place for treatment
- Destroy pathogenic agents
- Avoid remains
- Doesn't use chemical agents
- Safety and clean technology for environment
- Needs Minimal staff
- Easy handling



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Innovation Nr. 3 - Mechanical waste treatment for infected waste

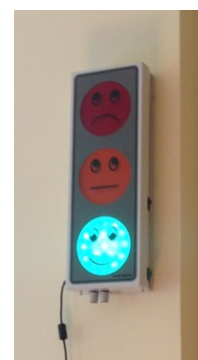


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Some more innovations...

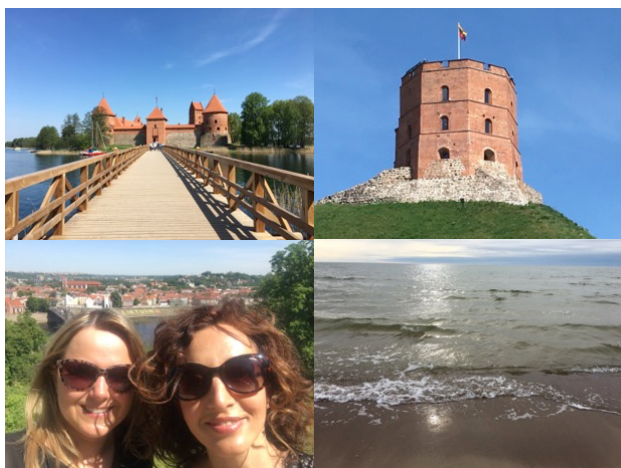
we would like to see implemented in our own hospitals

- E-health
- Data protected Registration with a numbering system
- Mobile CT and Mobile MRI for intraoperative imaging for precision surgery
- Ground based automatic door opener, e.g. in operating theaters to avoid crossinfections
- Traffic lights for noise measurement, e.g. in the Neonatology Department
- MediTouch HandTutor™



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Apart from this information about innovations...



...Lithuania is always worth a visit!

Thank you for your kind attention!

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Kauno Klinikos - The Hospital of Lithuanian University of Health Sciences (LSMU)

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List of references

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