

ERASMUS+

&

AVRUPA DAYANIŞMA PROGRAMI

*ilhamı al
katil
uygula
parçası ol*

BİR DERLEME:
SAĞLIK

konusundaki Erasmus+ projeleri

    
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İÇİNDEKİLER

1. Development of New Care Approaches for Alzheimer's Family Caregivers
2. Elder Care at Home
3. Better & Effective Nursing Education For Improving Transcultural nursing Skills
4. "Adult Education for the Protection of the Vector-Borne Diseases in Immigrants in Europe"
5. Maritime Health Trainings for Seafarers and Doctors
6. VET programme for medical practitioners supporting parents of babies with disabilities and complex needs
7. Promoting healthy life style and self-management of elderly people with non -communicable diseases in Turkey and among transnational elderly Turkish migrants living in Europe
9. European School for TRaining in Ortopaedics Specialised VET training on Hippotherapy for professionals working with children with intellectual, emotional, physical and psycho-motor disabilities
10. VET for EI - Vocational Training for Physiotherapists about Family Centered and Play Based Approaches in Early Childhood Intervention (ECVET Based)
11. IMPROVING THE QUALITY OF HOME CARE IN EUROPE
12. DIAGNOSIS AND TREATMENT OF ENDOCRINE COMPLICATIONS OF THALASSEMIC YOUTH AND YOUNG ADULTS FOR A BETTER QUALITY OF LIFE: THE EQUALITY PROJECT
13. Body Confident Mum's - An Innovative Health Professionals Training Program to support maternal mental and physical health
14. Comprehensive multiprofessional approach to the treatment of patients focusing on the use of less frequent methods
15. Harmonized European Dermato-Venereology Undergraduate blended LEARNING Implementation and Training
16. Radiation - a curse or a blessing?
17. Audiovisual E-learning platform: MEDICAL TRANSPORT OF PATIENTS WITH TROPICAL DISEASES IN SAFE CONDITIONS
18. Innovative training for technology-based frailty and falls management
19. "Education of students within the medical and health sciences, resulting from the health needs of an aging society in Europe. Conservative treatment of pelvic floor muscle dysfunctions, manifested by urinary incontinence."
20. Brain Revealed: Innovative Technologies in Neurosurgery Study
21. Building Curriculum Infrastructure in Medical Education
22. Online courses with videos for the field of veterinary communication dealing with prevention, diagnosis and treatment of diseases transferable from animals to humans
23. Application of augmented reality in clinical simulation
24. Advancing University Education in Biomedical Engineering and Health Management in Kyrgyzstan
25. "Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes"
26. Humanizing Healthcare Education through the use of Storytelling
27. Connecting Genes to Rare Diseases through New Generation Sequencing (NGS) Technology and Advanced Teaching Methods
28. Use of tactical medicine in mountain accidents - experience of the European Mountain Rescue Service
29. Infectious Diseases Education through Active Learning +
30. Enhancement of study programs in Public Health Law, Health Management, Health Economics and Health Informatics in Montenegro
31. Development Of Online Learning Environment for e-Health
32. HEALTH LITERACY AWARENESS FOR HEALTHY EUROPE

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Erasmus+ Proje Örnekleri



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AVRUPA
DAYANIŞMA
PROGRAMI

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for adult education

Project Title

Development of New Care Approaches for Alzheimer's Family Caregivers

Project Coordinator

Organisation BURDUR VALILIGI
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Project Information

Identifier 2019-1-TR01-KA204-076582
Project Web Site <http://www.demcare.net/>
Start Date Nov 1, 2019
End Date Oct 31, 2022
EC Contribution 146,033 EUR
Partners UNIVERSIDAD DE OVIEDO (ES) , ASSOCIACAO PORTUGUESA DE FAMILIARESE AMIGOS DE DOENTES DE ALZHEIMER (PT) , Sosyal İçerme ve Eğitim Dernegi (TR) , SLOVENSKO ZDRUZENJE ZA POMOC PRI DEMENCI - SPOMINCICA ALZHEIMER SLOVENIJA (SI) , BURDUR IL SAGLIK MUDURLUGU (TR)
Topics Inclusion - equity ; Home and justice affairs (human rights & rule of law) ; Access for disadvantaged

Project Summary

Background

Alzheimer (AD) is an important disease that causes memory, thought, and behavioral problems. It is the most common cause of dementia in the elderly and its frequency is increasing rapidly. According to the World Alzheimer Report 2016, there were 46.8 million people worldwide living with dementia in 2015 and this number will reach 131.5 million in 2050. People with Alzheimer and dementia generally require high levels of care, most of which is provided by informal or family caregivers. Without caregivers, people with dementia would have a poorer quality of life and would need institutional care more quickly, and national economies would be swept away by the advancing demographic tidal wave. People with dementia are cared for at home by members of their family. And that those family members, in turn, have higher incidence of stress and depression, as well as lower overall quality of life. Project goal was to enable family caregivers to sustain a decent quality of life as they were caring for their loved one as well as providing a comfortable, dignified existence for people suffering from dementia. Project aimed to develop family carers' knowledge of Alzheimer's and other dementias, and their caring skills, to enable them to respond more confidently to their family members' needs.

Objectives

We aimed to help family carers to break down their isolation, recognise and accept themselves as carers, and develop digital literacy with our DemCARE project. We wanted to create a path 'For a better life' to address the family caregiving needs of patients with Alzheimer and other dementias (AD). The reality associated with Dementia is characterized not only by progressive changes in cognitive, social and emotional capacities, but also in the functionality of the Person living with Dementia, that is, in their ability to independently carry out the different Activities of Daily Living (Ex: personal hygiene, dressing, food, self-care and mobility). Therefore, we developed better strategies for the care of patients with AD for relieving caregiver burden. The DemCARE project focused on delivering assistance to family caregivers, as well as supporting a dignified life for people with dementia, providing information for person-centred care, adjusted for the changes that would occur throughout the disease, providing the best strategies for each situation. Our project tried to improve the quality of life for caregivers of people with AD. We also wanted to show how adult education could be promoted more effectively. Through the development of an innovative training curriculum and interactive technologies that supported caregiving, the DemCARE Project had partners to analyse different approaches in different EU member countries. Participants had the opportunity to see good practices in place and use new learning methodologies during the TPMs.

Implementation

Some basic skills and strategies a carer needed to become a dementia carer were provided to family caregivers. Intellectual outputs such as Training Curriculum, e-learning module, computer games were created to improve communication skills as small changes or adaptations could make all the difference. It would help them provide information and support for unpaid carers when they most needed it. With DemCARE we hoped family caregivers would become more adaptive to problems with information on how they could manage 'care process' at home, thus the quality of care for patients with AD would increase as well as a positive impact on caregivers' mental wellness. Thus, social inclusion and personal development could also be provided. Also, two multiplier events (seminars) were organized in Burdur and Slovenia with participation of relevant stakeholders for sharing and disseminating the intellectual outputs. Thus, the project encouraged them to use project outputs and methodologies to take advantage of the developed training materials. Project had considerable impact on

increasing their awareness about the possibility of introducing adult education mechanisms and their responsibility in promoting social services.

Achievements

At the end of the project, we hoped that we were able to reach the expected results of the project with the help of intellectual outputs. We aimed at supporting family carers how to manage their own wellbeing while caring for someone else. There are common challenges and feelings as well as loneliness that many carers encounter. We wanted to support carers with demCARE and remind them that they are not alone. DemCARE helped many people via information, advice, tips and games. From legal rights to risk reduction, demCARE supported many family caregivers to lead a better life with Dementia. Maximizing quality care and support was our primary goal. We provided caregivers and families with comprehensive online resources and information through our 'For a Better Life' guide and curriculum (and their podcasts). We made it easy for families to find services using our guide. We made free dementia friendly online games to empower those living with the disease. We helped people how to reach national services within each community. We provided information on topics such as diagnosis, warning signs, communication, living with Alzheimer's disease and caregiving. We helped people with the disease on available therapies and resources. Our project explained the difference between Alzheimer's and typical aging, and importance of early detection. We wanted to be the voice of for the needs and rights of those facing Alzheimer's and all other dementia types. We created computer games to provide the development of the mental and psychological wellbeing of the caregivers and patients and for social life. We aimed to advance diversity, equity and inclusion with the help of computer games and our project.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices

Action Type: Strategic Partnerships for adult education

Project Title

Elder Care at Home



Project Coordinator

Organisation Bursa Valiligi

Address Selcuk Hatun mah. Kultur Sok. No:2 , 16010 BURSA , Bursa , TR

Project Information

Identifier 2015-1-TR01-KA204-022601

Start Date Dec 1, 2015

End Date May 31, 2018

EC Contribution 232,746.98 EUR

Partners Comune dell'Aquila (IT) , Szczecinska Szkola Wyzsza Collegium Balticum (PL) , Bursa Aile ve Sosyal Politikalar Il Mudurlugu (TR) , ilmiolavoro srl (IT) , K_Shift (IT)

Topics Access for disadvantaged ; Intercultural/intergenerational education and (lifelong)learning ; International cooperation, international relations, development cooperation

Project Summary

Policy reforms and precaution determined by countries with Employment and Social Reform Programme (ESRP) social inclusion and social protection policies distinguishes. As part of new approaches which enlarge the scope and priorities of the Europe Social Inclusion Strategies, with given weight to social protection the Strategy started to be called "Europe Social Protection and Social Inclusion. With the new approaches of the Strategy especially the two field became prominent in the social protection field:

- Retired pays
- Health and long term care facilities

The general purpose of the II.Chance projects in which the target group of the Project the caregivers who are in charge of elder or disabled care at home with low socio-economical status, is to contribute Europe Social Protection and Social Inclusion Strategies.

The special purpose of the Project is, from point of view of the target group the determination of the present dimension of the social exclusion, the consideration of the difficulties of social inclusion in short and long term, the development of the effective struggle with poverty and social exclusion in terms of integrated national strategies, the development of social statistics systems and to support the adoption of the common AB indicators related with social exclusion in EU member and candidate countries.

The target group of our Project is the informal caregivers who are in charge of elder care at home.

Most of the carers are not aware that this is really a hard work and most of them think that it is just meeting the basic needs like eating, having bathed and etc. But it is far deeper than all these basic needs.

The main objectives of project is enhancing the quality and relevance of the home care by developing new and innovative approaches and supporting the dissemination of best practices and promoting take up of innovative practices in training the home care companions by supporting personalised learning approaches. It is a common view that the elder care only contains the physical care . In our project the care has been taken into consideration in different approaches . The different approaches contains the health , physical conditions, emotions, religion values, social life.

The project will start with the search which each country will do about the national policies and the existing implementations. A survey will be done in each partner countries and according to the survey the incomplete parts and the best practices will all be pointed. As a result of the survey and the beginning analyses the training kits will be prepared for both the trainers groups and the trainees (the caregivers) The training will be both theoretical and practical . The training kits will contain managing the health, managing the physical conditions, managing the emotions, managing the religion values, managing the social life.

The outputs of the project will be published as a booklet and will be delivered to all the partner countries.

Our partners are a university from Poland, a municipality and private sector from Italy, Governorship, municipality and directorate of family and social policies and other public sector from Turkey.

We will give training to 300 informal caregivers who are in charge of elder care at home in 3 countries with 30 trainer with our project.

Under all the above the caregivers will benefit as below ;

- The role of the caregivers will be defined as a part of the healthcare system.
- The caregivers will navigate the health and the social system so they can help care recipients get the appropriate level of care by the appropriate providers as smoothly as possible .
- Within this project the caregivers will get free and confidential information through interactive learning sessions.
- The caregivers will enable to balance personal and social life with care responsibilities.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Better & Effective Nursing Education For Improving Transcultural nursing Skills



Project Coordinator

Organisation HASAN KALYONCU UNIVERSITESI
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Website www.hku.edu.tr

Project Information

Identifier 2019-1-TR01-KA203-076879
Project Web Site <http://benefits.hku.edu.tr/>
Start Date Sep 1, 2019
End Date Aug 31, 2022
EC Contribution 188,995 EUR
Partners DEBRECENI EGYETEM (HU) , ERASMUSHOGESCHOOL BRUSSEL (BE) , JIHOESKA UNIVERZITA V CESKYCH BUDEJOVICICH (CZ) , UNIVERZA NA PRIMORSKEM UNIVERSITA DEL LITORALE (SI) , T.C. Giresun Üniversitesi (TR) , UNIVERSITAT AUTONOMA DE BARCELONA (ES) , Gaziantep İl Sağlık Müdürlüğü (TR)
Topics Intercultural/intergenerational education and (lifelong)learning ; New innovative curricula/educational methods/development of training courses ; Quality and Relevance of Higher Education in Partner Countries

Project Summary

Background

Transcultural nursing, an important aspect of healthcare, has become an essential component in healthcare and a necessity for today's nurses, due to the multicultural phenomena occurring in the world population. Cultural diversity of the population is increasing, there are also national concerns in relation to health disparities. Indeed, an important component of eliminating health disparities among different segments of the population is the incorporation of a deeper understanding of the multicultural context in which care is delivered. Cultural values and beliefs are essential elements in fulfilling patients' needs with an efficient and effective holistic approach. Many nursing programs across the globe do not offer courses on the topic transcultural nursing. There were gaps and difficulties regarding specific skills on the topic of transcultural nursing. To develop better knowledge as well as specific and adapted programs that help nurses identify better ways of working with patients providing a respectful and culture-sensitive care, we have planned a comprehensive alliance with an international perspective of institutions which are actively working on the topic of Transcultural Care.

Objectives

The BENEFITS project was conducted transnationally to fill an existing gap. This project focused on nursing academic professionals and students pursuing a bachelor's degree in nursing who are actively engaged in transcultural nursing care.

All project partners benefited from this project, but our main goal was to share this knowledge on a global basis by adding it to existing knowledge by showing a concrete example of how the transcultural care approach can be embedded in the nursing curriculum. A core curriculum and supporting publications on this innovative approach have been created to raise awareness, support learning and ultimately have a positive impact on evolving healthcare practice in each country. BENEFITS project ultimate goal was to provide high quality healthcare and to improve the healthcare experience of different cultures in healthcare.

Implementation

In this strategic partnership, partners from five EU countries and Turkey came together to form a new curriculum about transcultural nursing. Our main activity was to transfer the innovational results to Transcultural Nursing Education and develop a new curriculum. Within the scope of the BENEFITS project, 6 transnational project meetings, an intensive training program (Learning Teaching Training Activity), a multiplier event were held and many dissemination activities were participated. All processes were evaluated within the framework of quality management.

Although the BENEFITS project has only three project outputs approved by the Turkish National Agency, much more successful project outputs were achieved with the sub-outputs created.

Achievements

The BENEFITS Project; It created a cultural harmony between students and teachers from different cultures, and increased interaction and sharing. BENEFITS project partners explained the international importance of this transcultural nursing care education with a new curriculum and international publications.

This project developed the transcultural nursing knowledge, skills and awareness of nursing students. It provided an opportunity to review, develop and apply knowledge and skills in transcultural nursing. Interacting with individuals from different cultures helped them recognize the strengths and barriers of transcultural nursing. An

international textbook was written to support the curriculum developed by the academics of The BENEFITS project partners.

Nursing students developed a respect for cultural diversity, cultural competence, and culturally sensitive communication after intensive training program and a semester of continuing education program.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for adult education

Project Title

“Adult Education for the Protection of the Vector-Borne Diseases in Immigrants in Europe”

Project Coordinator

Organisation HARRAN UNIVERSITESI
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Project Information

Identifier 2018-1-TR01-KA204-059348
Project Web Site <https://euvectorborne.org/>
Start Date Dec 31, 2018
End Date Dec 30, 2021
EC Contribution 84,933 EUR
Partners ASSOCIAZIONE OMNIS (IT) , GAZI UNIVERSITESI (TR) , Insani Sinirlari Koruma Dernegi (TR) , Zavod za izobrazevanje in zagotavljanje preventivnih ukrepov varne igre in izmenjavo dobre prakse (SI)
Topics Health and wellbeing ; Migrants' issues ; Integration of refugees

Project Summary

Migration is one of the most important social phenomena when its effects and consequences are considered all over the world. It should be evaluated multidimensionally in terms of its causes and consequences. Not only immigrants and/or refugees, but also settled communities in the place of migration are affected by the migration situation. The European Union (EU), as an economically and socially populated region, is seen as a way of salvation for immigrants and/or refugees from underdeveloped countries where political conflict and war have arisen. Since the outbreak of the civil war in March 2011, an estimated 11 million Syrians have left their homes and many have sought refuge in neighboring countries. According to the United Nations High Commissioner for Refugees (UNHCR), 4.8 million people have moved to Turkey, Lebanon, Jordan, Egypt and Iraq. Meanwhile, nearly one million people sought asylum in Europe. The EU's top receiving countries were Germany with more than 300,000 cumulative applications and Sweden with more than 100,000 cumulative applications. When we look at the countries involved in the project as partners, 16,623 people immigrated to Slovenia in 2016 and the number of immigrants was 8% higher than in 2015. On the other hand, Italy is among the top ten countries where 4.1% of the total refugees in the world came in 2015.

Population movements of refugees and immigrants increase their vulnerability to communicable diseases due to their victimization (psychosocial disorders, reproductive health problems, higher newborn deaths, nutritional disorders, drug use, alcoholism and exposure to violence). Migration causes interruption of continued treatment, which is crucial for chronic conditions. Vulnerable individuals, especially children, can contract infectious vector-borne diseases during migration due to poor living conditions and poor hygiene.

This project aims to establish a training program in Europe, especially in Turkey, for the prevention of infectious vector-borne diseases associated with increased migration, especially due to lack of hygiene. In order to fulfill this aim, the project was carried out transnationally.

The objectives of the project are;

- Developing an overview of what the EU and EU candidate countries are doing, its impact and other important statistics on the needs of migrants to understand the global impact of migration;
- Building a stronger knowledge base on migration, including global research on migrants' needs, trends and other common factors,
- provide an opportunity to further share learning between regions, while sharing of learning takes place through national border networks;
- To develop the knowledge and skills of educators who serve to solve or reduce public health problems with a more scientific view and understanding,
- Contributing to social integration between migrants and host communities across Europe.

In line with these aims and objectives;

- Determining the level of infectious vector-borne diseases caused by migration and lack of hygiene in Turkey and project partner countries,
- Performing needs analysis with literature review,
- Documenting the results of the needs analysis and sharing them with the stakeholders,
- Designing the purpose, learning objectives, content, measurement and evaluation method of the education program to be developed for adults on vector-borne diseases and developing educational materials for this,
- Implementation of trainer training to provide training skills to the trainers who will provide these trainings,
- Testing the success of trainer training,
- Providing adult education to migrant adults to prevent vector-borne diseases,
- Testing of adult education,
- Making dissemination activities,

- Preparation of intellectual outputs, activities were carried out. In addition, a website was developed in order to increase the awareness of the project subject in the society. The events were shared on social media.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

Maritime Health Trainings for Seafarers and Doctors



Project Coordinator

Organisation ISTANBUL TEKNİK UNIVERSİTESİ
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Project Information

Identifier 2019-1-TR01-KA202-076813
Project Web Site <https://marihealth-project.maritimehealth.org/>
Start Date Dec 1, 2019
End Date Mar 31, 2022
EC Contribution 180,871 EUR
Partners The Union of Chambers of Turkish Engineers and Architects (UCTEA), Chamber of Marine Engineers (TR) , GENERAL DIRECTORATE OF HEALTH FOR BORDER AND COSTAL AREAS (TR) , UNIVERSITATEA MARITIMA DIN CONSTANTA (RO) , A.P. & A. POLAND Limited (PL) , UNIVERSITY OF STRATHCLYDE (UK) , Orka Produksiyon Medya Denizcilik Bilisim Hizmetleri Limited Sirketi (TR)
Topics Open and distance learning ; Cooperation between educational institutions and business ; Health and wellbeing

Project Summary

Background

The maritime profession, due to the diversity of risks involved and harshness of working conditions at sea, is acknowledged to be among one of the most dangerous professions in the world. Some of these risks are threats originating from chemical and biological materials, harsh weather conditions, physical challenges, a range of different critical operations, machine operations combined with dangers stemming from a harsh working environment and unsatisfactory health conditions. Maintaining optimal medical conditions for seafarers can be directly effective in preventing risks related to safer navigation at sea.

MariHEALTH project; by elevating scope and quality of the health services offered to seafarers, aims to be the leader in forming the maritime health domain and to play vital role in the identification of criteria to increase the medical status of seafarers on an international scale.

- The main objective of the project is to design web-based e-learning/training platform for seafarers and maritime medical doctors that focused on advanced medical intervention practices on-board ships. Thanks to the distance education program this objective is remedy current knowledge gaps, update existing knowledge and develop practical skills of seafarers to perform better even in the toughest cases requiring medical intervention. In this context, medical training modules for seafarers is developed to improve their first aid skills and knowledge as well as keeping them up to date.
- One of the other targets is, updated basic-level first aid training program will be provided to keep first-aid skills and knowledge of seafarers. This Program assists seafarers in putting basic life saving techniques into practice and knowing how to tackle with emergency cases.
- Devising a medical training program in progress to remedy the maritime-related knowledge gap of doctors issuing seafarers' medical reports and certificate doctors familiar with unique conditions to sea life has also been listed as one of the project goals.

The project activities were including management, implementation and dissemination of the output. Regular meetings, press releases, managing social media are one of the fundamental activities undertaken in MariHEALTH project.

The expected results of the project are to enhance medical knowledge level of seafarers as much as possible to perform medical intervene easily to the patients on-board ship, to develop e-training courses (web-based e-learning/training platform), to design basic mobile phone application, to improve medical consciousness of seafarers and maritime doctors, transform theoretical medical knowledge into high- quality practice training and to increase knowledge level of maritime medical doctors about shipboard working environment as well as marine-specific injuries, diseases and illnesses.

The envisaged impacts of the projects are that a unique online training course module under webbased e-learning/training platform is created and the medical knowledge performance of seafarers and maritime medical doctors can be evaluated via MariHEALTH project. The potential longer benefits of the projects are recognition of training program by European sea transportation operators will not only raise health consciousness of seafarers to the end of making them more knowledgeable, but it also immensely contribute to training maritime doctors. Since the project offers an improvement on training modules for maritime doctors and seafarers, it can be the first unique internationalized web-based e-learning platform and mobile smartphone application.

Objectives

Training of seafarers for basic and qualified medical assistance on board are mandatory in case of sudden illness or an accident and injury during the ship's voyage. The maritime medical doctors should increase their knowledge

and expertise as much as possible. In this context, the objectives of MariHEALTH (Maritime Health Trainings for Seafarers and Doctors) project are to improve knowledge gaps of health professionals and determining potential requirements of medical training. In order to enhance medical ability of seafarers and maritime doctors, three key distance training modules were developed in MariHEALTH project to train seafarers (officers and ratings) and maritime medical doctors in practically:

*Training Module for Rating Level of Seafarers: Provided elementary first aid distance training programme to improve their first aid skills and knowledge as well as keeping them up to date. The module enables seafarers to remain competent at implementing basic life saving techniques and to know how to handle in an emergency situation. (Please see details of online training modules via following link: <https://marihealth.odenes.com>)

* Training Module for Officer Level of Seafarers: Created advance medical distance training programme for ship officers including deck and engine officers. The distance learning program aims at providing refreshment courses and increase practical capabilities in harsh medical environment such as applying bandages, placing an intravenous access, suturing wounds, administering strong painkillers, hypothermia, toothaches, etc. (Please see details of online training modules via following link: <https://marihealth.odenes.com>)

*Training Module for Maritime Doctors: Provided professional development training programme to maritime doctors to enhance awareness for health risks of seafarers. Also, to increase familiarization associated with shipboard working environment. At the end of training module, the maritime doctors are able to prepare certificates proving that physical and mental fitness of seafarers. (Please see details of online training modules via following link: <https://marihealth.odenes.com>).

*Introduced MariHEALTH mobile application and evaluation modules for practical use. (Please see details of evaluation modules via following link: <https://marihealth.odenes.com>). The evaluation modules are activated once the training module is completed. The MariHEALTH mobile application can be used under "Moodle" app. Please see details via project website: <https://marihealth-project.maritimehealth.org/>). (Please also see detail for mobile application demonstration via following link; <https://www.dropbox.com/s/m5qv6flya335xqf/MariHEALTH%20mobile%20app%20%20basic%20instruction.pdf?dl=>

Implementation

There were totally 7 project meetings implemented and 2 of them were face to face, 5 of them were online. 1 Workshop for pilot training was carried out and 1 Final Meeting and Project Conference was performed. The details of the meetings are;

* The kick-off meeting was held (KOM) in Istanbul, Turkey, on 30 January 2020, hosted by ITU. The meeting involved an opening reception and press conference. Respected press and high level of representatives from the maritime sector, public authorities and partners in Turkey attended the meeting. The main objective was to introduce the partners, discuss WPs and budget. (Please see details of KOM via this link: https://www.dropbox.com/sh/w0evdgpsjux6sj0/AABSSAu5CqONx1_XFBSyOb16a?dl=0)

* The 1st Transnational project meeting took place in Glasgow, UK, on 29 May, 2020, hosted by UoS. Due to the Covid pandemic, the meeting was held online via Zoom platform. (Please see details via following link: <https://www.dropbox.com/sh/29h93bxlh5xjbyg/AACCa21-VWIZ5DOHHootm5VVa?dl=0>).

*The 2nd Transnational project meeting took place in Romania, on 26 Nov, 2020, hosted by CMU. However, due

to the Covid pandemic, the meeting was held online via Zoom platform. All partners made discussions and exchanged views on what can be done to improve training modules. The financial and administrative issues were explained by the project coordinator. In addition, discussions were made regarding the evaluation model for training. (Please see details via following link:

<https://www.dropbox.com/sh/ubrcxlyj0pkv8fw/AACAnovNQ-WmOeha3fw-56sRa?dl=0>)

* The 3rd Transnational Project Meeting was held on 27 April 2021 in Turkey hosted by ORKA. However, due to the Covid pandemic, the meeting was held online via Zoom platform. The presentation of completed MariHEALTH online training modules and the evaluation tool were made during the meeting. All partners made discussions and exchanged views on what can be done to improve training modules. (Please see details via following link:

<https://www.dropbox.com/sh/r0971j3q48zzv0o/AADruEz4hzidu8h5MNbAN2Cqa?dl=0>)

* The 4th Transnational Project Meeting (online) conducted by AP&A on 03 Nov 2021, in which discussions were made on the problems that can be experienced due to the pandemic, as well as the measures to be taken and the way to make progress under new conditions. (Please see details via following link:

<https://www.dropbox.com/sh/9ir2d0fds3jzuzt/AABZ5bPf7VVgWiVUXQxyfjCwa?dl=0>)

* The 5th Transnational Project Meeting was conducted by AP&A on 16 Dec 2021. Due to the Covid pandemic, the meeting was held online via Zoom platform. In the meeting, Workshop for pilot training was performed by AP&A, including training modules and evaluation tool. In addition, all participants reviewed every training and assessment module and made discussions on the final revisions of training and assessment modules. (Please see details via following link:

<https://www.dropbox.com/sh/0blal9t6cg8abq7/AADt6vv1bOZDM57Vq00jIHxZa?dl=0>)

* The 6th Transnational Project Meeting (MariHEALTH Final Meeting and Project Conference) was conducted by GDHBCA on 30 March 2022 via zoom. Project outputs (online training modules, evaluation modules, certification, MariHEALTH mobile app, etc.) was presented to end-users. (Please see details via following link:

<https://www.dropbox.com/sh/hnbdlv6512t05h0/AADUSgSFsXpR1-kmL3l2a7p7a?dl=0>).

Project dissemination activities were one of the most critical instruments for implementation of the MariHEALTH project to achieve objectives as well as to deliver of the outcomes. Implemented activities such as press releases, promotion of materials, brochure, social media, project website assisted to achieve project objectives and delivered planned results. The website, for instance, contributed to dissemination of project objectives to community as well as maritime and health industry. Social media, brochures or promoting materials were handed out to attract interest and curiosity of beneficiary. Press release was another remarkable activity to guide interested community to the MariHEALTH project and delivered the outcomes. Regular interview with the national/international press were also assist to present project outcomes and objectives. (Please kindly see details of the implementation activities via following link;

<https://www.dropbox.com/sh/89a1r6v087qmj1y/AAANQjBOFs6CcVaoRQ8jNIq2a?dl=0>)

Tutorial video was also generated, and this video was prepared. (Please see details of video via following links: https://www.youtube.com/watch?v=ST0XJau_9hE). One scientific journal paper in high-quality journals was published. (Please see details of journal paper via following links:

<https://www.dropbox.com/s/s079futihga56l8/MariHEALTH%20article%20JTL.2022.1050330-2164338.pdf?dl=0>)

and also one conference paper was presented in Global Maritime Conference 2021. (Please see details of conference paper presentation via following links:

<https://www.dropbox.com/s/adc422xig617bo4/MariHEALTH%20GMC%20Conference%202021%20full%20paper%20.pdf?dl=0>)

Achievements

*The main outputs and results of the MariHEALTH project was "MariHEALTH online training module for Officers, Rating level seafarers and for Maritime Medical Doctors" created under MariHEALTH website (Please kindly see details in project website via : <https://marihealth.odenes.com>).

*The second important concrete outputs is "Evaluation Module and MariHEALTH smartphone mobile app" under Moodle app (Please see detail of mobile phone application via this link: <https://www.dropbox.com/s/m5qv6flya335xqf/MariHEALTH%20mobile%20app%20%20basic%20instruction.pdf?dl=>

*The third one is " Specific Course Curriculum". (Please kindly check "Project Labs under website; <https://marihealth-project.maritimehealth.org/project-labs/>) In this context;

1) Web-based medical e-learning/training platform: Throughout the entire Project, a website (web-based medical e-learning/training platform) were designed to enhance awareness of knowledge about medical care, treatment and response to illness, injury or incident. The e-learning platform can be able to work offline. (<https://marihealth.odenes.com>).

2) MariHEALTH evaluation module and mobile phone application was created to enable easy accessibility. (Evaluation module is available : <https://marihealth.odenes.com>. Once training module is completed, the evaluation module appears).

(The MariHEALTH mobile application can be used under "Moodle" app. Please see details via this link: <https://www.dropbox.com/s/m5qv6flya335xqf/MariHEALTH%20mobile%20app%20%20basic%20instruction.pdf?dl=>)

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

VET programme for medical practitioners supporting parents of babies with disabilities and complex needs



Project Coordinator

Organisation MARMARA UNIVERSITY
Address GOZTEPE KAMPUSU KUYUBASI , 81040 ISTANBUL , TR

Project Information

Identifier 2017-1-TR01-KA202-045932
Start Date Sep 1, 2017
End Date Dec 31, 2020
EC Contribution 268,604.22 EUR
Partners GAZI UNIVERSITESI (TR) , SDRUZENIJE NA NA RABOTESHTITE S
HORA S UVREZHDANIYA (BG) , PHOENIXKM BVBA (BE) ,
SPECIALISED HOSPITAL FOR ACTIVE TREATMENT OF OBSTETRICS
AND GYNECOLOGY "SELENA" (BG) , Spastic Children's Foundation of
Turkey (Turkiye Spastik Cocuklar Vakfi) (TR) , ASOCIATIA UNU SI UNU
(RO)
Topics New innovative curricula/educational methods/development of training
courses ; Health and wellbeing ; Disabilities - special needs

Project Summary

According to the World Health organisation latest report, of the 5.2 million births in the EU each year, approximately 104,000 (2%) will be born with congenital anomalies. It means that more than 104, 000 families are affected and their future will depend on timely and adequate support provided by the first professional to whom they rely on. Thus, gynaecologists, neonatologists, midwives nurses, carers face a new challenge which they need to overcome – to communicate , interact and support the parents of new-borns with congenital disabilities and subsequently complex needs.

The latest evidence in the field of neonatology and early child development destine key role of early stimulation and intervention of premature babies and babies with congenital disabilities in order to secure their normal development which should start as early as possible. In this situation the parents alongside with the medical professionals working in Obstetrics and Gynaecology, and Neonatology also play a very important role for the babies' development and for stabilizing of the family at the critical stage of appearance of new-born with disability.

The medical staff role is the most important at this stage not only because of the medical care and the specific information they provide, but especially because of their mediation role between parents and the new-born and facilitation of the initial relationship between them. Changes that occur to parents are very significant and they greatly need support to adopt these changes and cope with difficulties.

Medvet project has been started on the 01/09/2017 and has been successfully finalised on 31/12/2020. 7 partners were committed to create a set of training modules supported by online self-assessment tools following 3 learning pathways for medical doctors, nurses and midwives, caregivers and doulas respectively. One of the key achievements in the project is the unique living library, which contains 16 Live Books from parents of children with disabilities or premature babies, gynaecologists, neonatologists and midwives. All outcomes have been delivered in all partner languages.

Our project has put the emphasis on the social, emotional and professional well-being with a training programme that addresses holistic aspects of the medical professionals' daily work. This training has helped them to develop new strategies that they can apply to ensure the support of parents. Medical professionals (around 160 trained till the end of the project), were trained to recognize the signs and to work on the abandonment prevention at level of the maternity ward and were made aware of the essence of the term "child at risk".

The gynaecologists, neonatologists, midwives nurses, carers are now able to support parents to build up their new everyday life strategy in order to ensure smooth physical, emotional and cognitive development of the new-born family member with disability.

Hence, the medical professionals should execute new tasks - to communicate, interact and support the parents of new-borns with disabilities who are extremely vulnerable at this crisis moment. Therefor at the heart of MedVET project lies a specialized training program, which provides to the medical professionals successful models for sparing communication and efficient interaction with families.

Following outcomes were realised:

- IO 1: Holistic framework of socio-medical models for parents support
- IO 2: ECVET based MedVET support training curriculum
- IO 3: MedVET support Training programme and Assessment mechanism
- IO 4: Peer support portal
- IO 5: Mobile learning app (Android and iOS)
- IO 6: interactive good practice guide

These outputs were developed by a team of 7 partners from 4 countries (Romania, Bulgaria, Belgium and Turkey) consisting of 2 universities, 3 NGOs , 1 SME, and 1 private hospital.

The quality and the applicability of the created training materials and tools were tested with small scale piloting implemented in each partner country. The final MedVET outcomes were demonstrated among key stakeholders and representatives of project's target groups within one final international multiplier event held virtually and two physical national multiplier events held in Bulgaria and Belgium. The total number of the participants exceeded 250.

All project outcomes can be found through its website www.medvet-project.eu/, which is available in all partner languages as well as in EN.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for adult education

Project Title

Promoting healthy life style and self-management of elderly people with non -communicable diseases in Turkey and among transnational elderly Turkish migrants living in Europe



Project Coordinator

Organisation ANKARA SOSYAL GUVENLIK IL MUDURLUGU
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Contact Hilal ERGİN

Project Information

Identifier 2017-1-TR01-KA204-045938
Start Date Sep 1, 2017
End Date Apr 30, 2020
EC Contribution 188,475 EUR
Partners MARTIN-LUTHER-UNIVERSITAET HALLE-WITTENBERG (DE) , TECHNISCHE UNIVERSITAET CHEMNITZ (DE) , UNIVERSITEIT MAASTRICHT (NL) , HACETTEPE UNIVERSITESI (TR) , Sagligin Gelistirilmesi Dernegi (TR) , TURK ECZACILARI BIRLIGI (TR) , Dunya Yaslilik Dernegi (TR) , UPPSALA UNIVERSITET (SE)
Topics New innovative curricula/educational methods/development of training courses ; Migrants' issues ; Health and wellbeing

Project Summary

Turkish migrants are one of the largest groups of migrants in Germany, the Netherlands and Sweden. While they are still younger than the respective majority population in these countries, demographic ageing is also visible in this group (Ooijevaar et al. 2016)(Statistisches Bundesamt 2018). As this population ages, its risk for age-associated diseases increases steadily as well, as does the absolute number of individuals suffering from chronic diseases and of those who are in need of health care services. We predicted that this situation will further increase the challenges facing the health care systems of these countries with respect to the provision of services meeting the needs of its increasingly diverse clients. Therefore, we discussed 5 non-communicable chronic disease groups in our project.

Healthcare professionals should develop new health care services to better fulfill the needs of this population group. Simultaneously, the self-management capacities of elderly chronically ill people need to be strengthened. For this purpose, promoting and improving self-management competencies of chronically ill elderly people in Turkey is a primary objective. In terms of Turkish migrant communities in Germany and other countries, studies show that coping strategies of this population group are often suboptimal. For instance, this becomes evident with respect to motivation to therapy where minority groups, as compared to the majority population, have considerably low rates of adherence (Gosciniak 1997). Turkish migrants also report a variety of barriers to appropriate self-management (Yilmaz-Aslan et al. 2014). In order to improve health care for migrants, knowledge about how this population group utilizes health care services in the country of destination and in the country of origin as well as what expectations they have towards the health care they receive are necessary.

The main objective of this project is to examine how elderly people in Turkey and Turkish migrants in Europe are affected by chronic diseases, the impact these diseases have on their daily lives and how they cope with and manage these conditions. These are key information necessary to promote self-management competencies, a healthy lifestyle, adherence to therapeutic regimens (e.g., healthy eating, regular physical activity, abstinence from tobacco exposure) and rational drug use. The overarching aim of this project therefore is to provide the foundation for the development of information and training activities aiming to increase health-related quality of life among these groups. In addition, this project is designed to identify how circular migration and transnational ties influence the utilization of health services and adherence to treatment.

In other word, our project aimed to raise awareness of the elderly about the importance of regular health checks and polypharmacy and to develop healthy habits among older people with chronic obstructive pulmonary disease (COPD), coronary heart disease, diabetes, hypertension and osteoporosis.

Our project includes information and education activities aimed at raising awareness of the elderly about regular health checks and the importance of correct polypharmacy and promoting healthy living habits among older people with chronic obstructive pulmonary disease (COPD), coronary heart disease, diabetes, hypertension and osteoporosis. The materials developed for information, education and communication are based on qualitative and quantitative studies. These materials provided qualified learning opportunities for adults. IEC materials, Turkey, Germany, the Netherlands and Sweden Based on the results of qualitative research was designed in collaboration with the audience and was prepared using the approach of seniors.

The second implementation of the project, Germany, elderly immigrants living in the Netherlands and Sweden was informed about the health system in Turkey.

The third implementation of the project was to develop the basic skills of pharmacists to educate the elderly about health lifestyle, self-management and multi-drug use.

Knowledge and skills were developed in “Education Modules for Improving Health Literacy Level among the Elderly” and “Effective Disease Management and Elderly Education Program Portal” project, pharmacists became able to communicate better with adults and present the right messages with the right method. Pharmacists were trained in line with the project goals and play an important role in providing the necessary information about their ownership means self-rule in Turkey has tried to be provided to the elderly. On the other hand, the pharmacist's

brochures were designed to improve communication skills with older Turkish immigrants in Germany, the Netherlands and Sweden in this output.

The quality of life of the elderly was improved with different interventions in the project by developing care services to provide holistic support to adults with chronic disease in the elderly.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

European School for TRaining in Ortopaedics

Good practice example



Project Coordinator

Organisation HACETTEPE UNIVERSITESI
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BINASI , 06800 CANKAYA ANKARA , TR

Project Information

Identifier 2016-1-TR01-KA203-035063
Start Date Oct 1, 2016
End Date Sep 30, 2018
EC Contribution 154,212 EUR
Partners ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA (IT) ,
UNIVERSITAT FUR WEITERBILDUNG KREMS (AT) , ANKARA
YILDIRIM BEYAZIT UNIVERSITESI (TR) , UNIVERSITE LYON 1
CLAUDE BERNARD (FR)
Topics International cooperation, international relations, development cooperation
; Youth (Participation, Youth Work, Youth Policy) ; New innovative
curricula/educational methods/development of training courses

Project Summary

Background:

In Europe, thousands of orthopaedic and traumatology residents complete their training in hundreds of different organizations and institutions: the school's heterogeneity, differences in language, culture and medical training, make the very varied and different orthopedic training in European countries and this has generated concerns about the standard of knowledge and professional competence of surgeons who have qualified in one country and move to practice in another. For this reason, at the International Summit of the FORTE (Federation of Orthopaedics Trainees in Europe) association held in Rolle Switzerland in February 2015, the representatives of 14 different European countries young orthopaedics and traumatology associations expressed the need to homogenize the orthopedic training at European level through specific intensive programmes, core-curriculum programmes, courses, appropriate teaching materials, and workshops.

Objectives:

The objectives of this project was therefore to contribute to the enhancement of the quality and outcomes of education and training in Orthopaedics and Traumatology in Europe by setting up a common EU framework of reference in terms of methodology and contents for the Orthopaedic and Traumatology training and designing a mobility scheme for trainees and young assistants in orthopaedics and traumatology to move between different EU institutions/departments for the purposes of placement, in order to enhance the quality and quantity of content coverage across the orthopaedic and traumatology spectrum.

Number and profile of participating organizations:

There were five worldwide known university partners such as: Hacettepe University (Turkey), Bologna University (Italy), Krems University (Austria), Lyon University (France) and Yıldırım Beyazıt University (Turkey) attended to the ESTRO project. In addition, FORTE (Federation of Orthopaedics Trainees in Europe) and EFORT (The European Federation of National Associations of Orthopaedics and Traumatology) were two international not-for-profit organizations supported the project.

Description of undertaken main activities;

Following the ESTRO Project "Kick-off" meeting in Turkey in September 2016, the project began with a global analysis of the current situation of orthopaedic training all across Europe, to provide a general view of the state-of-the-art in this field. In this phase we evaluated the state of the training programs of graduate schools at national and international level. Also, we identified the training needs (in terms of both contents and methodology) of both the trainees and of the directors of the Orthopaedics and Traumatology Specialisation Schools and other national training authorities which offer the existing training programmes. After collecting the data from this survey, the project proceed with phase 2. It consisted in the design of the European Intensive Course in Orthopaedics and Traumatology. This EU Intensive Course was delivered in a "blended" modality, partly in presence (Winter and Summer courses) and partly at distance via e-learning tools. The Intensive Courses were articulated in a course lasting 5 days (including travel) that has covered full immersion each topic required by board exam. The courses started in June 2017 and developed every 4/5 months in the various partner countries, according to the characteristics and specificities of the partner Universities. The course methodology were mainly articulated in a) interactive lectures, b) live surgery c) hands-on session. In addition, an e-learning platform was created. The Platform provided tools for learning and for comparing different experiences regarding different fields of orthopedic and traumatology surgery. By the mobility for placement gave trainees and young assistants the opportunity to take part in the clinical practice and to be involved in the different EU institutions and hospitals.

Results:

The project had an overall impact on European orthopaedic residents, participating organization and various universities co-operating into the realization of the project. Firstly, the project provided us with important information about the current situation of orthopaedics education in Europe. Secondly, it provided to the residents an adequate training Core-curriculum programme, knowledge and use of both digital and paper-based learning

tools that will help them to pass the Board exam. Moreover, the resident, once qualified had proper training and standardized preparation not only at national but also international level. In this way, the project also led to an improvement in the quality of health care system in that national country. In addition, the project developed a European identity by exchanging transnational experiences, international meeting and training as well as developed links with other European universities.

Longer-term benefits:

Outputs of the project will be used as a guide to improve and standardize the education

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

Specialised VET training on Hippotherapy for professionals working with children with intellectual, emotional, physical and psycho-motor disabilities



Project Coordinator

Organisation GAZI UNIVERSITESI
Address GAZI UNIVERSITESI REKTORLUGU PROJELER KOORDINASYON MERKEZI , 06500 ANKARA , Ankara , TR
Website www.gazi.edu.tr

Project Information

Identifier 2019-1-TR01-KA202-074547
Project Web Site <https://www.hippotherapy-training.eu/>
Start Date Nov 1, 2019
End Date Apr 30, 2022
EC Contribution 120,124 EUR
Partners PONY BINICILIK HAYVANCILIK GIDA TICARET LTD.STI. (TR) , Asociatia de Terapii Suportive Hipoterapia (RO) , Spastic Children's Foundation of Turkey (Turkiye Spastik Cocuklar Vakfi) (TR) , EKOLOGIJAKM OOD (BG)
Topics Disabilities - special needs ; New innovative curricula/educational methods/development of training courses ; Health and wellbeing

Project Summary

Background

In countries like Turkey, Bulgaria, Romania, people with disabilities are treated according to their disorders they have, but applying the bio-psychosocial model, focusing on the disorders is not enough. Active participation and inclusion of this group with disadvantages will give the opportunity to be more independent in their daily living activities. So, supporting their motor, intellectual, and emotional and physico-social development will improve their quality of life. Hippotherapy is one of the best options as it supports these areas of development. The regular hippotherapy training needs to have a generalized and standardized program, which only certified therapists can apply. Hippotherapy challenges clients in a fun, dynamic way and allows them to self-generate and self-correct their motor plans and patterns and expand their repertoire in goal- and task-oriented ways. It contains everything a therapist could want for motor learning to be most effective: external and internal feedback, self-correction, and multiple system integration, all important for long-term motor plan development.

Objectives

To develop an ECVET compliant training, consisting of a theoretical and practical training;

To share the experience about the good practices in other EU countries such as Romania and establish trainings to become a hippo therapist in Turkey as well as Bulgaria;

To evaluate the created course material through piloting in these 3 countries with the envisaged target groups:

Registered physical or occupational therapist, and therapist assistants with at least minimum of basic horse experience in equine handling and care; Adaptive riding instructors, horse handlers, administrators, and others interested in hippotherapy principles with at least minimum of basic horse experience in equine handling and care; Speech language pathologist or a physician with at least minimum of basic horse experience in equine handling and care; Graduate occupational, speech, and physical therapists in their last semester of graduate school with at least minimum of basic horse experience in equine handling and care.

Beneficiaries: Children with intellectual, emotional, physical and psychomotor disabilities; Parents; VET centers who are providing further qualification programmes; Therapy related centers on governmental, municipal or private management.

Implementation

Following activities were implemented:

- creation of a dedicated curriculum and associated course material in all partner languages + English, see

<https://www.hippotherapy-training.eu/elearning/course/index.php?categoryid=1&lang=en>;

- provision of training material and assessments in online and mobile format (iOS and Android) and its assessment via piloting with our target groups and this in all partner languages and countries + English, see

<https://www.hippotherapy-training.eu/elearning/?lang=en>,

<https://play.google.com/store/apps/details?id=com.hippotherapy.mobile>,

<https://apps.apple.com/app/id1526453884>;

- provision of 10 educative videos that address a wide range of scenarios, provided via

<https://www.youtube.com/channel/UCosUQhjDJbfrYjSVFd5sl7w/videos> and with subtitles in all partner languages + English;

- organisation final event on 29 April 2022 (Friday) in Ankara, Turkey where all outcomes were introduced to a target audience of rehabilitation experts and students.

Achievements

The project created a set of outcomes during the project, that allow therapists to improve and maintain their knowledge, skills and competence:

- IO1: HIPPO THERAPY curriculum and training modules in EN, BG, TR, RO.
- IO2: Mobile training and assessment application for iOS/Android and online in EN, BG, TR, RO.
- IO3: Repository of training videos in EN, BG, TR, RO hosted via IO2 as well as via YouTube.
- Multiplier event in Ankara on 29 April 2022.
- Extensive dissemination via flyers, posters and banners, and presence in conferences and workshops in all partner countries.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

VET for EI - Vocational Training for Physiotherapists about Family Centered and Play Based Approaches in Early Childhood Intervention (ECVET Based)



Project Coordinator

Organisation Spastic Children's Foundation of Turkey (Turkiye Spastik Cocuklar Vakfi)
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Project Information

Identifier 2017-1-TR01-KA202-046189
Start Date Dec 1, 2017
End Date Nov 30, 2019
EC Contribution 242,475 EUR
Partners Eurlyaid asbl (LU) , GAZI UNIVERSITESI (TR) , ENGELLI YASLI HIZMETLERI GENEL MUDURLUGU (TR) , PRAXIS EUROPE CIC (UK) , UNIVERSIDADE DO MINHO (PT) , Associação de Paralisia Cerebral de Braga (PT)
Topics Disabilities - special needs ; Health and wellbeing ; New innovative curricula/educational methods/development of training courses

Project Summary

The main objective of the project was to create a vocational training curriculum based around the ECVET framework that would provide a clear standard for the professional and vocational learning development of Physiotherapists, that are primary working around play and family based approach in Early Intervention.

As part of our project work, we also prepared an online learning platform where the outputs of the projects (the country status reports could be used to examine the Early Intervention systems in the project partner countries. The project partnership also produced a comparison report to compare these systems, and all the training materials produced within the scope of the project). These materials were uploaded to our project web site (www.vetforei.eu). Thereby enabling users to access the learning materials that would improve their understanding of the sector, the issues that partners sought to address and the skills that workers needed to develop within their profession.

The project also provided Physiotherapists a valuable opportunity to acquire direct learning through structured short-term joint staff trainings in England, Portugal and Turkey. These trainings were over 4 full days (6 days with travel days). In these trainings, each partner organization sent 2 staff members (who were physiotherapist in accordance with the target group). These training opportunities were a great opportunity for Physiotherapists to reflection on their vocational practice, test new ways of working, share ideas and develop collaborative working approaches. These LTTA were a great opportunity and added to the importance of sharing learning and at the same time develop skills relevant to the learner and their environment.

We also held a total of 6 coordination meetings in Istanbul, Portugal, England, Portugal, Ankara and Istanbul respectively. These coordination meetings were used to carry out studies on the administrative and administrative processes of the project. As well as ensure that the materials that we were developing were in line with our project objectives. It was an opportunity to reflect and monitor progress as well as look at the ways in which we could sustain the learning from across the partnership. For Instance, APCB in Portugal is developing additional EU projects that would address their learning needs. The partner who was new to Erasmus+ is eager to promote a shared vision of learning together.

After we had completed the project activities, we then sought to develop a piloting training event with over 25 physiotherapists in Istanbul. This was where participants were invited through an open call. The purpose of this training was to contribute to the dissemination of the training curriculum and the content of the project as well as testing the developed vocational education program. It enabled us to share our learning and look at ways we could embed our project learning to others Physiotherapists and Organization improving the impact and the visibility of the project. This has added to our projects sustainability by ensuring our messages are carried forward. It is helping the way in which Physiotherapists are trained and supported, ultimately improving the vocational learning across the sector.

As part of the project outcomes an international symposium on the Early Intervention Systems was held in Istanbul. This symposium Included inputs from various authorities from educational, family and disability bodies from across Turkey and Europe. It was a great event that showcased the project to an active audience eager to implement the projects outcomes across their organizations. It was also included Physiotherapists who were eager to improve their skills and advance within their working environment.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for adult education

Project Title

IMPROVING THE QUALITY OF HOME CARE IN EUROPE



Project Coordinator

Organisation GAZI UNIVERSITESI
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MERKEZI , 06500 ANKARA , Ankara , TR

Project Information

Identifier 2017-1-TR01-KA204-046828
Start Date Sep 1, 2017
End Date Aug 31, 2019
EC Contribution 129,029 EUR
Partners OSTERREICHISCHES ROTES KREUZ (AT) , LUNARIA ASSOCIAZIONE
DI PROMOZIONE SOCIALE E IMPRESA SOCIALE (IT) , ISIS GMBH
(DE) , Türkiye Beyazay Dernegi (TR)
Topics New innovative curricula/educational methods/development of training
courses ; Disabilities - special needs ; Health and wellbeing

Project Summary

One of the reasons European Union 2020 strategies exists is aging population across Europe and economic difficulties it would cause in the future. As the population ages, chronic diseases and the number of the elderly who need care increases. According to the World Health Organization two thirds of the elderly European population has one form of a chronic disease; prevalence of chronic diseases among younger age groups are also in the rise.

While the elderly, disabled and people with chronic diseases continue living at their own home most of them need informal home care. Because of the lack of knowledge and skills of the care givers the quality of life of both who need care and who provides is negatively affected.

In increasing quality of life of both two groups it is important that the care givers have sufficient knowledge, appropriate approach and necessary skill in providing care to those who need. In this context, there is not any suitable educational program which will enrich people's adequacy in providing care as either family member or informal home care provider.

Thus, the project aimed to enhance the knowledge and skills in informal home care by integrated use of ICTs and open educational resources (OER). This project aims to create a concrete outcome, a Home Care Training Program which can be used across Europe at related public and private institutions to provide correct and adequate home care training to patients, their relatives, helpers and informal home care providers so they can provide better home care to those in need.

In this context, the following activities were performed to achieve this objective;

- 1) Develop and operate the Home Care Education Resource Platform
- 2) Develop training of trainers guidelines
- 3) Carry out the "home care survey" assessment in 4 project partner countries
- 4) Develop "Informal Home Carer Training Module and material
- 5) Translate training content into 4 languages
- 6) Conduct field trials of the "training module and materials" for evaluation and validation

Methodology used in carrying out the project;

- The project Home Care Europe OER Platform was constituted at the beginning of the project and it contains all training materials, open digital tools and project information, which was developed during the project.
- Identification of Training Needs: After the literature review, conducting WHOQOL(100-BREEF-OLD) life quality scale, survey was conducted by partners about the level and quality of home care an evaluation report was produced.
- Guideline for Trainers: was created in collaboration with the partners after the literature review.
- Training Content and Module Development: With a collaborative approach with partners, according to the needs of the target group, (the elderly, disabled and people with chronic diseases) a home care training program was created. The program had modules like communication, psychological support, preventative care etc.
- Implementation of Home Care Europe Training, Testing, Validating and Finalization: Training modules were implemented in 4 countries and validated. After the pre-test and post test and observation during the implementation were done validating and finalization of the training program.
- Dissemination and Expositions: At the beginning of the project creating the projects blogs, social networking sites such as Facebook, twitter and was shared in all partner's institutional web pages. Multiplier events conducted in all partner countries.

- The project's results;

- 1) Home Care Europe OER Platform
- 2) Identification Training Needs
- 3) Guideline for Trainers
- 4) Training Content and Module Development
- 5) Implementation of Home Care Europe Training, testing and validating and finalisation
- 6) Dissemination and expositions(seminars, blogs etc.)

There were 5 partner organizations from 4 countries. One of the partners was a university, 2 of the partners were NGO, working especially with disadvantaged groups, 2 of the partners were social science research training institute, providing health care services for patients and supportive services for patient relatives too.

The project target groups were the elderly, disabled and people with chronic diseases who lived at their home and can lead half independent life, who needed home care help of some sort while living at their home; and those people called informal home care providers for them either relatives or helpers.

The project other stakeholders were the Ministries of Health, Ministries of Family and Social Policies, public and private hospitals, all members of families and at last the society. Ministries of Health, Ministries of Family and Social Policies, public and private hospitals can use Home Training Program. All target groups reached the open training tools from project OER Platform and improved their knowledge on Home Care.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

DIAGNOSIS AND TREATMENT OF ENDOCRINE COMPLICATIONS OF THALASSEMIC YOUTH AND YOUNG ADULTS FOR A BETTER QUALITY OF LIFE: THE EQUALTIY PROJECT



Project Coordinator

Organisation Akdeniz Kan Hastaliklari Vakfi
Address Güllük Caddesi 8/3 , 07050 Muratpaşa , Antalya , TR

Project Information

Identifier 2016-1-TR01-KA202-034376
Start Date Dec 31, 2016
End Date Dec 30, 2018
EC Contribution 162,176.98 EUR
Partners Casa di Cura Quisisana (IT) , UNIVERSITAETSKLINIKUM ULM. (DE) , Fundació Institut de Recerca Contra la Leucemia Josep Carreras (ES) , Antalya Egitim Arastirma Hastanesi (TR) , Antalya Talasemi Dernegi (TR) , Specialized Hospital for Active Treatment of Children "Prof. Ivan Mitev" Sofia (BG) , Antalya Valiligi (TR)
Topics Disabilities - special needs ; Health and wellbeing ; Quality Improvement Institutions and/or methods (incl. school development)

Project Summary

Background: Thalassemia is the most commonly inherited genetic disorders,. Thalassemic patients have to receive regular transfusion to sustain life, as a result of the transfusion accumulate iron overload in the body that require a treatment with iron chelators. Iron overload and iron chelators cause alot of cardiac, hepatic and endocrine complications such as delayed puberty, hypogonadism, osteoporosis, diabetes, hypothyroidism and hypoparathyroidism. Although thalassemic patients have seventy percent with disabilities, they desire a and quality of life similar to peers. Thalassemia is very serious health problem and a total 6000 thalassemic patients are followed up at Hospitals of Ministry of Health and University in Turkey. Endocrine complications were important for quality life in thalassemic patients but there are not standart protocols, guides, and regular follow-up. The aims of project were to prepare a guide including regular following up patients, to train doctors and to maintain better quality life for thalassemic patients.

The responsibilities of Partners: Project Coordinator: Akdeniz Kan Hastalıkları Vakfı (AKHAV) completed Practical Guide for Effective Collobration Preparation (PGEC), Web page, Time Table, Road Map, Financial procedures, organization of Education programs. Governorship of Antalya (CEUPA) organised the Opening anc Closing Meetings Brochures, banners, posters. In addition, Monitoring and evaluotion report was maintained by CEUPA. Antalya Training and Research Hospital (ATRH) created Patient tracking, Flow Chart for doctors. Antalya Thalassemia Association created Mobile application program for patients. Private Accredited Quisisana Hospital of Ferrara (FQH) from Italy organized the Vocational Educational Trainers Meeting in Ferrara. Barcelona University, Josep Carrera Institute (BUJCI) from Spain was responsible ICT Based Learning.

Project Activities: Four Translational Project Meetings (TPM) have been done by partners in Turkey(2), Italy and Spain. Six local meetings have been done for following up to Project together with local partners in Antalya. Six E- magazines , one E-Book and Seven short videos were published at web page. Three manuscripts were published at the Journal of Endothal in Italy. A manuscript was published at the Journal of Pediatric Endocrinology Reviewer. Training of trainers: A total 20 selected trainers have been trained five days on thalassemia, endocrine complications and good practise health care and following the patient and they issued with a certificate on March 4-8, 2018 in Ferrara-Italy. Educational book: After training in Italy, all trainers have written an educational book. Flow chart and the patient follow-up guide: The trainers have prepared a flow chart and guide. Thalassemia Seminar: Ministry of Health invited one specialist each city from Turkey, thus 100 doctors and nurses 60 different cities has been participated to Thalassemia Seminar on December 10-12, 2018 in Antalya. Trainers who trained in Italy, prepared a Educational book, flow chart and the patient follow-up guide, till to thalassemia seminar. They educated all participants in two days. Mobile application: ATA has prepared a mobile application to doctors and patients for regular following patients .

Impacts and long term benefits: In Turkey, there are a total 6000 patients with thalassemia and about 50% of patients with them have endocrine problems in Turkey. In Thalassemia Seminar, we invited all doctors who following up patients in Turkey. They were educated on endocrine complications of thalassemia and received a book, guide and flow chart for following patients. Thus a total of 3000 patients live with endocrine problems they will be benefited as indirectly in long term. In European and World, Project has been disseminated three papers were published in The Journal of Endo-Thal in Italy, one paper was published in the journal of Reviewer of Pediatric Endocrinology. In addition, six E- magazines an one E-Book have been implemented to web page for every body with free of charge. Thus, this Project has been disseminated to doctors in other countries such as European, Middle East and East Asia throught International Network of Clinicians for Endocrinopathies in Thalassemia and Adolescent Medicine (ICET-A) Thus all patients in other countries will be benefited as indirectly in long term.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

Body Confident Mum's - An Innovative Health Professionals Training Program to support maternal mental and physical health

Good practice example



Project Coordinator

Organisation HOEGSKOLAN KRISTIANSTAD

Address ELMETORPSVAGEN 15 , 29188 KRISTIANSTAD , SE

Website <http://www.hkr.se>

Project Information

| | |
|-------------------------|--|
| Identifier | 2019-1-SE01-KA202-060422 |
| Project Web Site | http://bcmeurope.eu |
| Start Date | Sep 1, 2019 |
| End Date | Dec 31, 2022 |
| EC Contribution | 263,382.2 EUR |
| Partners | GENIKO NOSOKOMEIO PAPAGEORGIU (EL) , European Cleft Organisation (NL) , UNIVERSITA TA MALTA (MT) , SPITALUL CLINIC DE URGENTA PENTRU COPII "M. S. CURIE" (RO) , Triskelion- Forening for anvendt forskning og kunnskapsmobilisering (NO) , TARTU ULIKOOL (EE) , UNIVERSITA DEGLI STUDI DI FERRARA (IT) , UNIVERZITET U NISU (RS) |
| Topics | Social dialogue ; Access for disadvantaged ; Health and wellbeing |

Project Summary

Background

In Europe, about 5 million live births occur each year, and it is estimated that 18% of women will develop depression during pregnancy, 13-20% of women will develop post-natal depression within the first 12 weeks of childbirth, and for 8% of women, this extends beyond the first year. Many studies have reported that negative affect and depression predict body dissatisfaction, and to complicate further these relationships; poor dietary and exercise habits are also likely contributors to depression in mothers, reinforcing negative body image and poor health outcomes.

Body Confident Mums utilized a transnational project approach, considering European social and cultural diversity in various hospital and health settings and developing training material to be more readily adopted and utilized across Europe. By increasing knowledge and awareness about these aspects amongst partners and their networks, the project promoted necessary health and social dialogue about the need to provide better maternal well-being while being cost-efficient. Since this is a problem that expands across Europe, there was a need for a transnational project to provide training material and resources in various languages cost-efficiently.

Objectives

The objectives of this project were to (i) develop, (ii) test, (iii) implement and (iv) disseminate the training package for healthcare professionals (HCP) and patient organisations, enabling them to support the mental and physical wellbeing of mothers of children 0-5 years. A further objective was to produce a functional training programme reflective of the sociocultural diversity across Europe. The project aimed to make the training material accessible to a broad range of HCP and other relevant stakeholders and did so through multi-mode delivery. The consortium covered a wide geographical and social dimension with partners from Estonia, Norway, Greece, Romania, Serbia, Sweden, Italy, the Netherlands, and Malta. The consortium also included a combination of multidisciplinary aspects such as research, body image and psychosocial experts, healthcare, NGO and VET, bringing into the project a variety of necessary high-level complementary skills with extensive national and European-level knowledge, networks and experience in the project's focus.

Implementation

The project implemented the following:

1. A functional and evaluated training material that is based on research evidence and the needs analysis conducted.
2. It was established that the training has an impact through high-quality continuing vocational education and training (CVET) that enhances service provision.
3. Healthcare organisations and other relevant stakeholders have access to this open resource material so they can provide CVET that will update their health professionals' knowledge in this area to maintain a safe and effective practice.
4. The training is economically viable to implement and, at the same time, be able to reach a large group of members of healthcare staff, students or other relevant stakeholders.
5. Another significant aspect to consider is that around half of all patients in Europe need help understanding basic healthcare information, which indicates that health literacy is a fundamental challenge that needs to be

addressed (World Health Organization, 2013). Therefore, the project designed a specific course about this and developed information material for mothers about maternal wellbeing from various societal backgrounds, including mothers with a child born with a congenital disability.

Achievements

The concrete outputs were.

1. A survey of 257 health professionals from 16 European countries.
2. A survey of 377 mothers from the partner countries. The results indicated that the developed material is entirely in line with what the mothers thought was essential to get information and support from the healthcare professionals.
3. The pilot training of 171 healthcare professionals indicated via the KAP tests that significant knowledge acquisition was obtained after training and 3 - months later.
4. Conducted multiplier events for 226 healthcare professionals and other relevant stakeholders. Disseminated via conferences, lectures, and workshops - 5404 healthcare professionals, patient groups and other relevant stakeholders. Reached a minimum of 50000 people via websites/LinkedIn/TV/radio in over 50 countries.
5. Sustainability example, in Italy, health professionals must participate in training every year and gain at least 50 credits. ECM (Continuing education in medicine credits) awarded the BCM training 9 ECM credits for any healthcare professional taking the course. To reach this approval, the Italian partner built an online course that will remain available even after the end of the project.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

Comprehensive multiprofessional approach to the treatment of patients focusing on the use of less frequent methods

Good practice example

Project Coordinator

Organisation Prvá klinika akupunktúry a naturálnej medicíny G.Solára s.r.o.
Address Krížna 453/5 , 930 25 Vrakúň , Trnavský kraj , SK
Website www.akupunktura.sk

Project Information

Identifier 2020-1-SK01-KA202-078222
Project Web Site <https://www.acuclinic.eu>
Start Date Sep 1, 2020
End Date Aug 31, 2022
EC Contribution 152,027.98 EUR
Partners Dynamicke obchodni sluzby, s. r. o. (CZ) , Sonic Age Ltd (UK) , SLOVENSKA ZDRAVOTNICKA UNIVERZITA V BRATISLAVE (SK)
Topics New innovative curricula/educational methods/development of training courses ; International cooperation, international relations, development cooperation ; Health and wellbeing

Project Summary

Background

We decided to implement the project on the basis of the detected absence of knowledge about the comprehensive health care at health professionals community as well as missing professional literature. These findings were based on the previous trainings provided by the First Clinic of Acupuncture and Natural Medicine G. Solar Šamorín for Slovak doctors and other health workers, as well as from communication with foreign experts at international interdisciplinary medical congresses of natural medicine organized in Slovakia. Today, the training of health workers at universities is predominantly professionally oriented. The topics of comprehensive multi-professional team cooperation in patient care are included only marginally, if at all. As well as the application of some scientifically proven less frequent methods, which have potential save a patient's life in certain situations (including emergency ones). They are rather an accidental rather than a systematic element of education. That's why we decided, in the necessary foreign cooperation, to expand the existing MoH SR accredited study program of the clinic with another module, which would reflect the latest knowledge and create the necessary professional literature for it.

Objectives

The goal of the project was to add the latest knowledge about effective methods of prevention, diagnosis, therapy and research to disciplines, methods and technologies that are not so frequent in practice, but have significant preventive, diagnostic, therapeutic and research potential to existing study programs and professional literature intended for doctors and other health workers. Furthermore, improving the quality of teaching and practice in the field of prevention and treatment of civilizational diseases and thereby strengthening the output competencies of doctors and other health workers working in practice as well as strengthening international cooperation. The education created thanks to the project was to focus not only on supporting doctors, but also on educators, heads of education and their colleagues, as well as on researchers working in medical practice here and abroad. By addressing students in various study programs - through the created study materials and the module of the study program of the clinic - we also wanted to create space for strengthening the key professional competences of experts both in initial and continuing professional education.

Implementation

To achieve the goals of the project, we held 4 online international meetings and a lot of informal communication with both - project and associated partners. Furthermore, 1 continuous 5-day peer-review training of experts, at which experts informed each other in detail about knowledge from various professional areas for the purpose of mutual understanding as preparation for the creation of the highest quality project outputs. An extensive author and co-author activity was developed. This was followed by 2 multipl. conferences, the first of which - to support the better dissemination of project results - was part of an interdisciplinary international medical congress and was broadcast live to the whole world for participants from EU and non-EU countries. Together with our partners, we created the clinic's international educational module, the Compendium in three languages in pdf and printed version, and various supporting promotional activities throughout the duration of the whole project, including a separate website. At the end of the project, we also focused on individual informal multiplication activities. During the entire duration of the project, the necessary financial and administrative operations were continuously ensured.

Achievements

Thanks to the project, the 48-hour international module "Less frequent methods in acupuncture and complex medicine" was created, intended for doctors and other health professionals, which was accredited by the Ministry of Health of the Slovak Republic as module no. 14 study program of the clinic. For this, the partners created a total of 673 pages of pptx presentations as a starting point for creating the Compendium, which ones could be used as handouts for individual topics of the module. Those interested in studying can apply at www.acuclinic.eu. A Slovak-Czech language version of the originally planned book Compendium has 485 pages is also available in English 456p. and Russian 485 p. in both pdf and printed versions. This professional publication is to be used as recommended literature not only in the module, but also in other study programs in Slovakia and abroad based on dissemination activities and cooperation of partners in disseminating project results in Slovakia and abroad. Professional articles were published separately that were related to the topic but exceeded the scope of the Compendium. On the website it is also possible to download pdf versions of the main projects. publications as well as order printed versions.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Harmonized European Dermato-Venereology Undergraduate blended LEARNing Implementation and Training

Good practice example



Project Coordinator

Organisation OTTO-VON-GUERICKE-UNIVERSITAET MAGDEBURG
Address UNIVERSITAETSPLATZ 2 , 39106 MAGDEBURG , SACHSEN-ANHALT ,
DE
Website www.ovgu.de

Project Information

| | |
|-------------------------|---|
| Identifier | 2018-1-DE01-KA203-004278 |
| Project Web Site | http://www.hedulearnit.org/ |
| Start Date | Sep 1, 2018 |
| End Date | Nov 30, 2021 |
| EC Contribution | 330,302 EUR |
| Partners | UNIVERSITAT AUTONOMA DE BARCELONA (ES) , UNIVERSITE PARIS DIDEROT - PARIS 7 (FR) , STADT DESSAU (DE) , SVEUCILISTE U ZAGREBU MEDICINSKI FAKULTET (HR) , swiss4ward europe s.l. (ES) , UNIVERSITA DEGLI STUDI DI VERONA (IT) , UNIVERSITE LIBRE DE BRUXELLES (BE) , HELSINGIN YLIOPISTO (FI) |
| Topics | Open and distance learning ; New innovative curricula/educational methods/development of training courses ; Quality and Relevance of Higher Education in Partner Countries |

Project Summary

For higher education in Europe and with special emphasis in medical postgraduate and in undergraduate training at the university level a high need exists for harmonization of training curricula. Mobility of students and of residents resp. specialists needs clear systematic prerequisites to guarantee credit point transfer equilibrium and acceptance of examens for having the chance of being employed without any additional tests and examens. Despite the subsidiarity system in the european health regulations postgraduate training harmonization is already far advanced and in more tha 25 medical displines European Training Recommendation exist. Back in 1994, the UEMS adopted its "Charter on Training of Medical Specialists" with an aim to outline the guiding principles for high level Medical Training in chapter 6. (see ETR`s www.uems.net). The one for Dermato-Venereology was approved by the 28 national physician chambers and the medical societies in 2017 and published (Gollnick et al 2019, JEADV, 33:3-25) .

However, in contrast to the situation in postgraduate training a harmonization of medical undergraduate training in medicine does not exist in the manner as for postgraduate training. Whereas for postgraduate training on the national level harmonization exists, in undergraduate training in some countries a national catalogue is provided and can be on the university level adapted or there is just a framework of hours given and medical faculties decide about the amount of teaching hours.

Therefore, we took the iniative to establish a European harmonized medical undergraduate training catalogue and content recommendation for the medical discipline dermato-venereology (EHC_DV).Furthermore, there should not be a conflict of general curricular contents between postgraduate and undergraduate training existing. About 20-25% of all physician consultations refer to problems of the skin and STI`s. Thus Dermato-Venereology is a very important core component in the undergraduate training of medical students. However, less than 3% of doctors in Europe are specialized in Dermato-Venereology after graduating. The better the medical undergraduate training at the university level, the better the diagnostic and therapeutic decisions and the interdisciplinary consultation at the time when the student has reached the level of a licensed doctor in daily practice at the private office or in the hospital setting.

Before starting the project and until today an unwanted disproportion of contents and of teaching hours for dermato-venereology at the level of universities across Europe exists. The differences in lecture hours vary between 40 and 130 from country to country as has been evaluated by the associate partner in the project European Dermatology Forum, the assembly of teaching professors from nearly all European universities. Therefore, we saw the urgent need to harmonize the contents (catalogue and special contents), the amount of teaching time and ways of lecturing (frames) and combining it with advanced didactic e-learning facilities. In the traditional setting at our Universities lectures are presented in overcrowded lecture halls in front of a heterogeneous group of students, regardless of their different level of knowledge, language skills, or of their individual intellectual learning capacities. Little feedback is given neither to the teachers nor to the students. In order to cope with these problems, the curriculum for medical undergraduate training in Dermato-Venereology has been renewed, revised and restructured. Existing national catalogues from the Netherlands, Germany and Switzerland have been evaluated and taken as a basis of diagnoses and other teaching topics as well as the cyberderm platform catalogue of diagnoses (www.cyberderm.net) or the spectrum of diagnoses given in the New Zealand one (www.dermnetnz.org) . The first relevant part of the HEDU_LEARN_IT project results contains now a PDF webbok with long version texts in 9 chapters of 506 pages and in a mediwikistyle written short versions installed to the cyberderm platform.

The second part of results regards the „Blended learning“ . This is the combination of classical teaching and learning tools (front lectures, practical courses, bedside teaching) with modern e-learning tools for self-directed learning, independent from time and space. This was achieved as the second relevant part of the project in which 249 students were involved by follow-up questionnaires for evaluating the materials worked out.

Number and profile of participants

The eight university partners are representatives of Dermato-Venereology from northern, eastern, southern and central European countries including a specialist in running e-learning platforms. They all had longstanding experience in teaching and were highly motivated in promoting and running the project for improving undergraduate training at their universities and later to help to disseminate and to implement it to other countries in Europe together with the European Dermatology Forum (200 teaching professors from 28 European countries) as longterm benefit.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: School Exchange Partnerships

Project Title

Radiation - a curse or a blessing?

Good practice example



Project Coordinator

Organisation Gymnasium Süderelbe
Address Falkenbergsweg 5 , 21149 Hamburg , HAMBURG , DE

Project Information

Identifier 2018-1-DE03-KA229-047402
Start Date Sep 1, 2018
End Date Feb 28, 2021
EC Contribution 150,071 EUR
Partners ISEC LEPGT Ste Marie du Port (FR) , Københavns Tekniske Skole (DK) , X Liceum Ogólnokształcące im. prof. Stefana Banacha w Toruniu (PL) , Pyhäjoen lukio (FI) , Highlands School (UK)
Topics Health and wellbeing ; Natural sciences ; Environment and climate change

Project Summary

With our project “Radiation – Curse or Blessing?” we wanted to clarify for a period of two years whether this central question could be answered. A total of six schools from Denmark (Københavns Tekniske Skole from Copenhagen), Germany (Gymnasium Süderelbe from Hamburg), Finland (Pyhäjoen lukio from Pyhäjoki), France (ISEC LEPGT) Ste Marie du Port from Olonne sur Mer), Great Britain (Highlands School from London) and Poland (Zespół Szkol nr 10 im. prof . Stefana Banacha and Toruniu from Toruń) worked together in this school partnership. We planned that each of the participating schools would organise a work meeting at their school to deepen the selected focus. We almost succeeded in this organizational challenge! Unfortunately, the Corona pandemic prevented our final meeting, which was supposed to take place in France. Here all results should be collected, final documents created and the project should be finished with a big party. Despite an extension of the project for another six months, we were unable to hold this meeting due to the extended travel restrictions.

Five students and two teachers from each school were invited to each of our five workshops. The school where the meeting took place was also able to invite teachers and students who were involved in the project. The size of the group therefore consisted of 30 students and 12 teachers plus other students and teachers of the host school for excursions, laboratory visits and also work in the school (e. g. experimenting, research work on the computer) was an organisational challenge.

At each workshop we combined basic knowledge from the classroom with expert knowledge from research and industry. We planned that their visit to extracurricular learning sites, the students learned about current research results and experienced the scientific work at universities, research laboratories and industrial companies. With the preparation and follow-up in the classroom between the transnational meetings, they developed materials that linked the socio-political theme with the scientific focus of radiation.

We have worked on the following areas:

- Scientific understanding of electromagnetic radiation,
- Construction of a measuring device with a micro controller "Arduino" (sensors were completed in the course of the project),
- Focus on biology and medicine (use and risks of radioactive radiation),
- Lectures on the structure of matter and the functioning of an accelerator,
- X-rays experiments,
- Study of neutrinos, effects of natural radiation on humans and nature,
- Political functioning in the European Parliament, the work of the European Commission,
- Lectures on nuclear power plants, excursion to a nuclear power plant, medical consequences of nuclear power were discussed,
- Natural radiation using the example of Northern Lights, excursion to an observatory for the registration of electromagnetic radiation from outer space,
- Experiencing heat radiation during an excursion in a steelworks.

The project showed that there is no answer to the central question. The basic prerequisite for an assessment is an understanding of the natural sciences. With our measuring instrument, radiation became “visible”, the advantages and disadvantages became clear on the basis of the selected focal points. The different positions of the European countries became clear, e.g. with regards to the use of nuclear energy to generate electricity or to the question of the risks of radiation in the field of medicine for humans.

The interdisciplinary combination of scientific and political learning content on the subject of radiation led to a

deeper understanding of the subject, which allowed the students to comprehensively and critically evaluate current discussions. The students improved their skills in the field of scientific enquiry and research and research, of socio-political debates and decision-making, of international teamwork and of discussing complex contexts in English. The pupils thus acquired basic skills for their personal development (self-competence), their future profession (vocational guidance) and an active creation of Europe (intercultural competence).

The students were trained in the use of digital learning content and forms of communication. These transversal competences are important for a participation in modern societies, also with regards to a future potential career profiles in European research or industry. Although students today grow up with digital media and communication services, content-based work with digital media requires different application strategies than the private communication students are used to. By using Twinspace and the creating of online materials in English, the students learned and developed these transversal skills while increasing their language skills.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

Audiovisual E-learning platform: MEDICAL TRANSPORT OF PATIENTS WITH TROPICAL DISEASES IN SAFE CONDITIONS

Good practice example



Project Coordinator

Organisation BERNHARD-NOCHT-INSTITUT FUER TROPENMEDIZIN
Address BERNHARD NOCHT STRASSE 74 , 20359 HAMBURG , DE

Project Information

Identifier 2018-1-DE02-KA202-005077
Start Date Nov 1, 2018
End Date Oct 31, 2020
EC Contribution 255,075.12 EUR
Partners BIEDRIBA EUROFORTIS (LV) , FEDERACION NACIONAL DE EMPRESARIOS DE AMBULANCIAS (ES) , Murray Ambulance Service ltd. (IE) , SGS TECNOS SA (ES)
Topics New innovative curricula/educational methods/development of training courses ; ICT - new technologies - digital competences ; Health and wellbeing

Project Summary

BACKGROUND:

The sanitary transport service is a dangerous task when professionals have to deal with patients suffering from contagious diseases. The outbreak of Ebola in 2014 and the H1N1 influenza virus demonstrated a lack of effective training in some cases in the EU. Nowadays there are several protocols to manage tropical diseases but health professionals are demanding specific guidelines and more practical training material. More specifically, sanitary professionals have detected some deficiencies in the current trainings:

- There is a large dispersion and lack of homogenous criteria for the training in sanitary professionals in cases of tropical diseases.
- There is a significant dispersion of guidelines to follow (WHO protocols, national protocols, guidelines army) and no harmonization.
- There are no specific training plans, and the only materials available are just some informal brochures
- Sanitary transport staff states that they have the action protocols, but no clear guidelines for action. There are no training available for protective equipment.
- The treatment of tropical diseases requires specialized training and preventive and stringent measures to prevent infection. It should include health professionals and corroborate the several protocols that have been launched in different regions to prevent future infections.

On other hand, the creation of the Schengen Area and the suppression of internal borders in the EU make necessary common policies and procedures to face any potential outbreak of the virus through transnational actions.

OBJECTIVES:

The TROPICSAFE project has developed an homogeneous training protocol at the European level focused on patient transport professionals with normalized guidelines for a proper and safely transfer of patients with tropical diseases.

This training has been published in an Open Online Learning Platform since it's considered the best way for transmitting the disinfection guidelines and use of protective equipment. The training includes audiovisual support such as videos, images, and graphics in order to better demonstrate the safety procedures the professionals should follow. The e-learning platform is completed with questions & answers tests to evaluate the training process.

It has been translated to the languages of the consortium to get the support of the national health authorities and increase its impact. It has also been transferred to European institutions to set common criteria within the EU.

PARTNERSHIP:

The partnership was composed of entities combining expertise in different fields, such as medical transport, vocational training, work safety, and tropical diseases. They complement and each one provides different expertise. They were:

- ANEA (National Federation of Ambulances). Spain

- SGS TECNOS (A multinational company specialized in work safety). Spain
- MURRAY AMBULANCE SERVICE Ltd. (SME of medical transport) Ireland
- BIEDRIBA EUROFORTIS (NGO specialized in vocational training): Latvia
- Bernhard Nocht Institute for Tropical Medicine. (Research Institute) Germany

The fact that we had an international consortium has ensured a wider diffusion of the project, reaching the professionals of the health sector and public authorities at all levels.

IMPACT:

The main beneficiaries of this project have been sanitary transport workers, private companies, professional associations in the medical transport, trainers, Public and Private centers of training, and health professionals. The consortium included an associated hospital and partners were working closely with the Public Health Authorities. They have transferred the results to make them available for society, and thus achieving more homogeneous safety procedures throughout the EU member states.

The training program is hosted in an e-learning platform and has a Creative Commons license, so it is easier to disseminate the results, and anyone is able to benefit from them.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Innovative training for technology-based frailty and falls management

Good practice example



Project Coordinator

Organisation UNIVERSIDADE DE LISBOA

Address ALAMEDA DA UNIVERSIDADE , 1649 004 LISBOA , Lisboa , PT

Project Information

Identifier 2018-1-PT01-KA203-047343

Start Date Nov 1, 2018

End Date Oct 31, 2020

EC Contribution 268,463 EUR

Partners Stichting European General Practice Research Network (NL) ,
INSTITUTO DE BIOMECANICA DE VALENCIA (ES) , ISTITUTO
NAZIONALE DI RIPOSO E CURA PER ANZIANI INRCA (IT)

Topics Health and wellbeing ; ICT - new technologies - digital competences ;
Open and distance learning

Project Summary

Presently, there is an increasing trend in the world population over 65 years, especially in Europe, which implies an increase in the number of detected cases of frailty and falls. Frailty is a multifactorial problem and people with frailty need simultaneous, coordinated, and stable health and social care, adjusted to the principle of continuity of care. The models of social healthcare generate a social and economic problem that is necessary and urgent to address.

According to the World Health Organization (WHO), prevention strategies to be adopted by health systems should be aimed at the identification of risk factors, since one in three older adults suffers at least one fall per year, constituting one of the main geriatric syndromes and the second world cause of accidental or unintentional death. A fall also implies a deterioration in the autonomy of the elderly, decreasing their quality of life and that of their social environment, increasing their frailty.

Despite the benefits and potential of biomechanical technologies to improve the assessment of frailty and risk of falling of elder people, it is undeniable that their applications are still limited to research and academic scopes. Experts have not brought down the technical and methodological barriers yet, being these methodologies mostly unknown by the majority of students of medicine and healthcare professionals.

The aim of this project was the development and implementation of an online free access course to assure students, specialists, and professionals of medicine, who want to improve their skills, a worthy education and training regarding the applicability of biomechanical technology in the context of treatment of frailty and, especially, to reduce the number of falls in advanced aging people.

The consortium of this project is composed of four partners with interdisciplinary skills to guarantee the achievement of the project goals. The University of Lisbon (UL), the Instituto de Biomecánica de València (IBV), and the Istituto Nazionale di Riposo e Cura per Anziani (INRCA) will guarantee access to the main body of knowledge of the course. UL is a recognized university with extensive experience in pedagogic elaboration and adaptation of formative contents for the development of online training courses using open-source platforms. IBV is a European leading research center focused on biomechanics and its application in medicine. INRCA is a research institution on aging that has education and translation of research output in clinical practice among its missions. The adaptation of the training contents to the requirements of project key stakeholders is assured with the participation of the European General Practice Research Network (EGPRN). EGPRN is an international reference institution that represents Primary Attention Medicine in Europe. Therefore, EGPRN will play a key role in the harmonization of contents, scopes, and applicability of project results. The consortium was also assembled considering the experience and capabilities for EU-wide dissemination. All partners are experienced in dissemination activities at the national and international levels.

The project spanned for 2 years and all the tasks were developed and implemented under the scope of three Intellectual Outputs:

- O1. Curriculum of the Fall-In-Age course.
- O2. Pilot Course integrated in the e-learning platform.
- O3. Final version of the online courses in English, Portuguese, Spanish, and Italian.

Project results are to enrich medical students and professionals on the optimization of assessment processes of frailty and risk of falling in older people. This allows them to increase the use of current biomechanical-based technologies, which, consequently, leads to an upgrade in current prevention methodologies.

Furthermore, promoting a web-based open access online course, complemented with work-based learning and apprenticeship-type training, contributes to a better standardization and qualification of target users, which, ultimately, provides them with new employment opportunities.

The project had also a positive impact on the participating organizations. The experience of participating in this project contributed to the reinforcement of the internationalization strategy of all partners. Partners strengthen their position in this field, acting as a reference center on the application of biomechanical technologies among stakeholders. By exploiting the online course, all partners can increase and improve their training course portfolio, gaining visibility among target users and potential future customers.

But, above all, this project's most positive impact is, undoubtedly, on the group of elderly people, as the improvement of the methodologies for the prevention of frailty and reducing the risk of falling certainly results in the improvement of the independence and quality of life of these people.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

“Education of students within the medical and health sciences, resulting from the health needs of an aging society in Europe. Conservative treatment of pelvic floor muscle dysfunctions, manifested by urinary incontinence.”

Good practice example

Project Coordinator

Organisation UNIWERSYTET OPOLSKI
Address PL MIKOLAJA KOPERNIKA 11A , 45 040 OPOLE , PL

Project Information

Identifier 2018-1-PL01-KA203-051055
Start Date Oct 1, 2018
End Date Aug 31, 2021
EC Contribution 232,984.31 EUR
Partners UNIVERSIDAD DE CADIZ (ES) , UNIVERSITA DEGLI STUDI GABRIELE D'ANNUNZIO DI CHIETI-PESCARA (IT)
Topics International cooperation, international relations, development cooperation ; Quality Assurance ; Research and innovation

Project Summary

"Education of students within the medical and health sciences - conservative treatment of pelvic floor muscle dysfunctions" - was a project supporting students of medical sciences and health sciences, especially students of physiotherapy, nursing and midwifery, and the medical community, resulting from the health needs of an aging society in Europe. The subject of the project was undertaken by three partner universities: Opole Medical School (Poland), Università degli Studi G.D'Annunzio Chieti Pescara (Italy), Universidad de Cádiz (Spain). After the consolidation of Opole Medical School and the University of Opole in July 2020, the project was conducted by the University of Opole.

Pelvic floor dysfunction (PFD) including faecal and urinary incontinence, sexual dysfunction, pelvic organ prolapse or the presence of chronic pelvic pain affects 25% of adult women worldwide, significantly reducing their quality of life. The aging of the population and the related predicted increase in the number of women reporting pelvic floor dysfunctions over the coming years lead to a need of better understanding of the problem, the rapid detection of risk factors causing PFD and the search for effective methods of conservative treatment.

The most common symptom of PFD is urinary incontinence (UI), which is difficult to estimate because of its intimate nature. It is estimated that 5-69% of women and 1-39% of men have at least one episode of incontinence or loss of urine over a period of 12 months. The aim of the project was to develop by an international team of experts a subject in the field of conservative treatment in dysfunctions of pelvic muscles, based on the principles of Evidence Based Medicine, and to develop the international textbook dealing with the subject of PFD.

The introduction of a new subject will supplement the knowledge among students and future medical staff in the field of manual therapy in pelvic floor dysfunctions, which will contribute to their increased attractiveness on the labor market. On the basis of an international project, partner universities introduced to the compulsory curriculum the subject and syllabuses of "Conservative treatment of pelvic floor dysfunctions", which contains a number of standards characterizing the programmed subject.

An additional advantage of the project was the involvement of physiotherapists, nurses, and midwives from three countries. It gave the chance to develop an adequate treatment and prophylaxis based on cooperation within therapeutic teams. At the same time, the developed curriculum has been modified depending on the field of study, so that it took into account the specifics of individual medical professions. An additional advantage of this project was the unification of manual techniques in the preventive treatment of pelvic floor muscle dysfunctions manifested by the UI and the unification of research methodology. Articles written on the basis of the project enriched the literature on this issue. A textbook is touching upon a problem such as anatomical bases, diagnostics in pelvic floor dysfunctions, palpation assessment, bioelectric activity assessment and passive rigidity of pelvic floor muscles, conservative treatment, manual therapies, physical therapies, electrostimulation and magnetic field stimulation as well as issues related to behavioral therapy.

The durability and effectiveness of the project is ensured in the long-term perspective, after completion of the project.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices

Action Type: Strategic Partnerships for higher education

Project Title

Brain Revealed: Innovative Technologies in Neurosurgery Study

Good practice example



Project Coordinator

Organisation UNIVERSITATEA LUCIAN BLAGA DIN SIBIU

Address BD VICTORIEI 10 , 550024 SIBIU , RO

Project Information

Identifier 2018-1-RO01-KA203-049317

Start Date Sep 1, 2018

End Date Aug 31, 2021

EC Contribution 253,660.26 EUR

Partners Spitalul Clinic Judetean de Urgenta Sibiu (RO) , UNIVERSITA DEGLI STUDI NICCOLO CUSANO TELEMATICA ROMA (IT) , UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA (ES)

Topics ICT - new technologies - digital competences ; Health and wellbeing ; New innovative curricula/educational methods/development of training courses

Project Summary

Neurosurgery is the branch of surgery that involves the highest accuracy. That is why a transition from classical surgery in neurosurgery; to the new, minimally invasive treatment alternatives must be known, accepted and used globally. The general trend is towards less invasive approach, which improves patient outcomes, recovery time and quality of life. Neurosurgery, due to its complexity, is not included in the curricula of most of bachelor programmes in Medicine, thus, students do not get any orientation when faced with their employment in a Neurosurgical Department.

Participating in international workshops is still a big financial challenge for resident doctors and physicians, making the training and access to state-of-art information impossible due to financial and no other reasons.

Having carefully analyzed the context and the needs in the field, BrainIT project aimed at:

1. Employ the strategic use of ICT technologies in teaching/training activities by using a telemedicine approach to create an innovative best practice environment in the form of a 3D live-transmission from Operation Rooms where students can experience non-invasive surgery procedures.
2. Create interactive teaching and training aids for students using 3D reconstructions of the skull and brain on various pathologies.
3. Besides offering a modern way of delivering specialist education the program, improving the competences of students and resident doctors participating in the program was one of the main goals, as the remote part of the program was accompanied by 14 days 'traineeships' in a working hospital, where they got to experience real life work accompanying the whole diagnostic process. This way the participating students were able to increase their practical skills in neurosurgery, giving them relevant knowledge and assets required by the labour market, for when they decide to have a career in this domain.
4. Create a reader-friendly online platform which can facilitate the access of students, graduates, residents and even physicians without material possibilities to new technologies and new discoveries in neurosurgery. This was available to anyone regardless of their status or situation to get free, unrestrained access to high quality information.
5. Create freely-available "Brain Revealed - Handbook for Students and Practitioners" that was mainly comprise all the important information delivered during the three years project.
6. Make a closer connection between European neurosurgery centers. Transnational collaboration at this time is not a strong one, at least in the case of Romania, the neurosurgery centers are limited to a national collaboration. This project enhanced the transnational highly specialized know-how and expertise which is hard to be found in a single country.

Considering the state-of-the-art in the training in neurosurgery, BrainIT project aimed to provide the following innovations:

- 1: Design, implement and pilot a modular, INNOVATIVE INTENSIVE STUDY PROGRAMME, a hands-on workshop of a very high complexity for the students, combining microsurgery techniques with working on real-life 3D simulated neurosurgical pathologies.
- 2: Design, test and implement INNOVATIVE PEDAGOGICAL APPROACHES - i.e. 3D printing molds for simulation of surgical interventions, hands-on sessions, team-based learning, problem-based learning, blended learning for theoretical study, on the spot guidelines, personalized learning and treatment options and management, case presentations, all developed in a working hospital. Participants in the ISPs gained real, useful practical competences fitted for the labour market, which will directly benefit them in their future career in neurosurgery.
- 3: Intersection between MEDICINE and BIO-ENGINEERING for the use of 3D printing technology for simulation

of surgical interventions, creating 3D didactic materials that have integrated modules of the existing medical computed tomography (CT) on different types of neurosurgical pathologies; Participants simulated surgical interventions, seeing and understanding pathologies from a perspective that has not existed before.

4: Through BrainIT project CLOSE CONNECTION BETWEEN EUROPEAN NEUROSURGERY CENTERS AND HEIs was facilitated, as with the new technological breakthroughs, a single medical center can no longer be updated with all the therapeutic methods and this is why many therapeutic alternatives often remain hidden for many department.

The composition of the consortium was based on the correspondence between the tasks to be completed and the partners' expertise. All the project partners have been selected according to their expertise in NEUROSURGERY and 3D RECONSTRUCTIONS (FEM analysis and modeling, stereolithographic and FDM) and to their capacity of providing professional training to the target group

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Building Curriculum Infrastructure in Medical Education

Good practice example



Project Coordinator

Organisation UNIVERZITA PAVLA JOZEFA SAFARIKA V KOSICIACH
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Project Information

Identifier 2018-1-SK01-KA203-046318
Start Date Sep 1, 2018
End Date Aug 31, 2021
EC Contribution 226,113 EUR
Partners UNIWERSYTET JAGIELLONSKI (PL) , UNIVERSITAET AUGSBURG (DE) , Masarykova univerzita (CZ) , UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T POPA DIN IASI (RO)
Topics Quality Improvement Institutions and/or methods (incl. school development) ; New innovative curricula/educational methods/development of training courses

Project Summary

The Building Curriculum Infrastructure in Medical Education (BCIME) project dealt with the challenges of curriculum management and its optimisation in terms of curriculum mapping and outcome based education focused on learners. The activities of project partners aimed specifically on curricula of medical and health care disciplines, however, the methodology and results of the project are generally applicable to other fields of study.

BCIME developed the innovative, intuitive, well structured and easily applicable standard-compliant curriculum management system EDUportfolio. The EDUportfolio platform has been setup and implemented for all partner institutions in the light of both the results of BCIME needs analysis and the review of the latest literature in the field, so that it is applicable by the widest possible community and stakeholders, including curriculum developers, teachers, students, university and faculty management, administrators and technical staff as well. Moreover, BCIME provided and used a coherent and comprehensive framework with all necessary instruments for a well-structured curriculum management. Doing so, the BCIME project has met all its objectives and now shares (i) the know-how in the field of curriculum management, innovating on and optimising the proven methodology of parametric description and a step-by-step manual for curriculum development; (ii) the descriptions of selected parts of the curricula represented by the Anatomy in English as taught at all involved partner institutions and by the Neurosurgery in Romanian, the Conservative and Prosthetic Dentistry in Slovak, the Clinical and communication skills in German, the Communication skills in Polish and the Analysis, Data Management and Informatics for Healthcare Specialisation in Czech; (iii) a set of curriculum mapping research and exploratory questions with the analysis answered by the project in an visualisation toolkit capable of exploring hidden relations in described curricula.

During the BCIME project implementation, all its outcomes and outputs were continuously distributed and publicly shared to all persons interested in curriculum optimisation and standardisation via the project's website, dissemination activities as well as multiplier events. In order to identify both the conceptual as well as functional features of the complex curriculum management platform and to meet expectations and requirements of participating institutions, we conducted surveys and personal discussions among 63 participants representing faculty managers, guarantors of study programs, curriculum designers, teachers, researchers, technicians and administrative staff involved in curriculum management. As the results of this needs analysis, the curriculum system's key characteristics and features were derived and integrated into the methodologies and platform that was tested and implemented across partners' institutions within our intellectual outputs. The same types of participants, extended by medical students, were invited to multiplier events we were able to conduct during the implementation period which was significantly affected by the worldwide pandemic situation. During three multiplier events, we shared our achieved outputs to 143 stakeholders. The exploratory and confirmatory research questions in the field of curriculum mapping were communicated to 27 stakeholders of each partner institution interested in the process of curriculum management. Based on the nominal group technique, we achieved formal consensus that generated the prioritised set of 56 right research questions. Answers to the individual research questions, together with the methodologies, step-by-step manual and outcome-based metadata description of selected parts of curriculum can be browsed by particular target groups using EDUportfolio (<https://eduportfolio.iba.muni.cz/>) and analytical and visualisation tools the BCIME project delivered.

The BCIME project addressed the fundamental need of curriculum management and standardisation for which the systematic solution based on proven pedagogical approaches and methodologies was developed. Our set of intellectual outputs resulted in the system capable of managing and analysing curricula and is ready to be used by more than 12 500 students in the theoretical and clinical phases of medical and healthcare study programmes, more than 60 faculty members involved in the curriculum management and the 5 BCIME partner institutions

(UPJS, JU, UMF, UAU, MU). Due to our project consortium cooperation the outcomes of the project are available to stakeholders at all the faculties of medicine and health care sciences involved in the MEFANET network, to other professional medical societies and general public. In order to reach a wider scientific community, the consortium was involved in dissemination of the project activities at international conferences and journal articles.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Online courses with videos for the field of veterinary communication dealing with prevention, diagnosis and treatment of diseases transferable from animals to humans

Good practice example

European Language Label



Project Coordinator

Organisation UNIVERSITATEA DE STIINTE AGRICOLE SI MEDICINA VETERINARA
ION IONESCU DE LA BRAD DIN IASI

Address LEEA MIHAIL SADOVEANU 3 , 700490 IASI , RO

Project Information

| | |
|------------------------|---|
| Identifier | 2016-1-RO01-KA203-024732 |
| Start Date | Oct 1, 2016 |
| End Date | Mar 31, 2019 |
| EC Contribution | 246,616.42 EUR |
| Partners | PIXEL - ASSOCIAZIONE CULTURALE (IT) , UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T.POPA IASI (RO) , UNIVERSITATEA ALEXANDRU IOAN CUZA DIN IASI (RO) , ISTITUTO ZOOPROFILATTICO SPERIMENTALE DELL'ABRUZZO E DEL MOLISE G CAPORALE (IT) , FUNDATIA EUROED (RO) , SOROS INTERNATIONAL HOUSE (LT) , UNIVERSITY OF ZAGREB-FACULTY OF VETERINARY MEDICINE (HR) , VILNIAUS KOLEGIJA (LT) , Connectis (IT) |
| Topics | Open and distance learning ; New innovative curricula/educational methods/development of training courses ; Health and wellbeing |

Project Summary

Zoonotic diseases are "those diseases and infections that are naturally transmitted between vertebrate animals and man with or without an intermediate arthropod (WHO, 2017)" They have become one of the leading causes of illness and death, negatively impacting commerce, travel and economies. More than a million people die of malaria each year; although malaria is a preventable disease, a child dies of malaria every 30 seconds. Each year at least 2 million people become infected with bacteria that are resistant to antibiotics and at least 23,000 people die each year as a direct result of these infections. Over 23% of dogs on EU are the hosts of dirofilaria, which causes pulmonary dirofilariasis in humans. Therefore, preventing and controlling these infections must be at the centre of public health care policy with a focus on the causes of emergence, persistence and spread of these zoonoses.

In an effort to increase the knowledge and understanding of current and probable future public health significance infectious disease transmitted from non-human animals to humans, a consortium of 4 countries (RO, CR, LT, IT – 10 partners from Universities, medical & educational institutions, NGOs & IT centres) proposed the ZoonosesOnlineEducation project. The project aims the creation of open digital educational resources in the field of veterinary medicine based on developing innovative guidelines on infectious zoonotic diseases (selecting the most troublesome); shortcut to veterinary, medical, pedagogical, linguistic and raise-awareness interventions related to identifying, monitoring and controlling malaria and dirofilariasis, useful for the academic, professional & general beneficiaries.

This general aim has been achieved through these specific objectives:

- the development of a state-of-the-art research on the analysis of zoonoses, including literature research, indirect interviews with specialists, identification of best practices on zoonoses education in each partner country.
- the creation of guides and open online course on the main parasitic diseases transmitted from non-human animals to humans, on malaria and dirofilariasis, including videos capturing zoonoses medical situations in simulation centres.
- the creation of an open online course on medical communication; the linguistic version of the medical course processed from linguistic, cultural and communication points of view will be available to academics and professionals in veterinary medicine in 6 languages.
- the creation of a handbook on health education meant to be included in the school curriculum (focusing on the risks and ways of prevention of the diseases) and piloting lessons in schools.
- the creation of a protocol on epidemiological monitoring and disease control in public health practice and workshops with students on integration within the curriculum of medical faculties.

Project brings together 5 educational sectors, all with impact in 5 different end beneficiaries groups:

- Veterinary medicine: O1 –15 Country analysis on zoonoses state of arts Reports; O2 – 22 Studies on best practices on zoonoses interventions; O2 - Handbook of main zoonotic diseases identified in 4 EU countries; O3 – 2 Guides of main parasitic diseases transmitted from non-human animals to humans on Malaria and Dirofilariasis (in 6 languages); O4 – 2 Videos capturing zoonoses bio-manipulation in simulation centers; O6 – 2 Open Online Course on Zoonoses; O7 – 2 ZoonosesOnlineEducation Kit and 3 types of trainings for students, lectures, professionals & institutions in veterinary field.
- Human medicine: O9 – Malaria - Protocol on epidemiological monitoring and disease control in public health practice; Workshops for students, lectures in medicine on integration within the curriculum of medical faculties.
- Pedagogy-education: O8 - Pedagogical approaches in health education – Guide for teachers and parents (versions in EN, RO); Didactic demonstrations on health education future teachers, teachers, pupils aged 6-12, parents.
- Languages: O5 – Medical communication linguistic resources; O6 - Language open online course for the veterinary medical field, for 6 languages (EN, RO, FR, CRO, LT, IT); for students, lectures, professionals &

institutions in languages

- Raise awareness – project website and O8 - Pedagogical approaches in health education – Guide for teachers and parents.

The focus of the partners cooperation to find solutions to common challenges relies on connecting theory, research and the world of work in the veterinary and public health context under pressure of mobility and globalization; harmonizing the curriculum transversally; encouraging students to develop applied skills that are supported academically by knowledge gained through academic progress and years of clinical experience. In addition, ZOE takes advantage of a media-technology-enhanced learning context and the students are invited to explore the new tools enhancing the quality of the learning process.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices

Action Type: Strategic Partnerships for higher education

Project Title

Application of augmented reality in clinical simulation

Good practice example



Project Coordinator

Organisation UNIVERSIDAD PUBLICA DE NAVARRA

Address CAMPUS DE ARROSADIA , 31006 PAMPLONA , ES

Project Information

Identifier 2017-1-ES01-KA203-038514

Start Date Sep 1, 2017

End Date Dec 31, 2020

EC Contribution 284,641.68 EUR

Partners Industrial Augmented Reality (ES) , ERASMUSHOGESCHOOL BRUSSEL (BE) , ESCOLA SUPERIOR DE ENFERMAGEM DE COIMBRA (PT)

Topics Quality Improvement Institutions and/or methods (incl. school development) ; ICT - new technologies - digital competences ; Research and innovation

Project Summary

In the degrees in health sciences (i.e. Nursing, Medicine or Midwifery), the acquisition of skills for the performance of invasive techniques or procedures (that is techniques that imply the “invasion” of some part of the body with needles, tubes or other devices) depends largely on practical training in simulation rooms. In these rooms, task trainers that reproduce a part of the human body are used. These task trainers are designed to provide as faithfully as possible the sensations that may be experienced when performing the procedure on a real person. However they do not incorporate any further technology beyond the materials with which they have been manufactured. When students practice invasive techniques using this type of task trainers, they make the effort of imagining the internal anatomical structures, something essential in order to perform this type of invasive techniques.

The main purpose of this project was to integrate the HoloLens-based Augmented Reality (AR) technology in invasive procedures training, making possible the visualization of internal anatomical structures by the students while they are practising on the task trainers. The main feature of AR is the combination of the visualization of the real world together with the visualization of virtual images.

To do that, an AR software, named ARSim2Care, has been developed, supplemented by a Manual of Clinical Procedures and the Educational Material associated with the software; all of these are available in four languages: English, Spanish, Portuguese and Nederlands. The project has been carried out by three higher education institutions, the UPNA in Spain, the ESEnfC in Portugal and the EhB in Belgium, in addition to a Spanish company, iAR. Moreover, the Sant Joan de Deu Campus Docent in Barcelona and the University of Manresa have adhered to the project.

Different activities have been performed to complete the development of the different intellectual products, the training of teachers and students and the subsequent dissemination of the product and findings of the project. On one hand, different transnational meetings made possible the coordination of the intellectual outputs and the global management of the project. A total of 18 teachers from the partner universities and members of the technological company participated in these meetings. On the other hand, a five-days workshop was organised focussed on the AR application in the field of health sciences, in which 15 nursing students and 6 teachers from partner universities participated. In this workshop, a preliminary assessment of the functionality of the prototype of the software Arsim2care was performed. Additionally, a virtual workshop about AR and the software Arsim2care was held with the participation of 15 nursing teachers from the partner universities. In this meeting, the training material associated with the software was developed. Lastly, a multiplicator event, which consisted in a “Online workshop about the application of new technologies in Health Sciences Education”, offered the opportunity of presenting information about serious games, AR and virtual reality in Health Sciences Education, and the final results of the project. A total of 136 teachers and healthcare professionals from Spain and Lationamerica participated in this workshop.

It should be noted that 50 nursing students from the universities associated with the project (Sant Joan de Deu de Barcelona Campus Docent and the University of Manresa) participated in the final assessment of the prototype of the software Arsim2care.

The impact of the project has been important at different levels and for different groups. Numerous written media echoed the project and the project leaders participated in conferences and workshops expressly invited to talk about the project. The students who assessed the software considered that the impact of it on their training may be very beneficial, as it increases their motivation and stimulates their active learning, increasing their interest on the topic under study. Similarly, the teachers considered that the possibility of visualizing the anatomical internal structures during the training of clinical invasive procedures is an added advantage to the traditional training of this subject. In conclusion, this is a way to increase the quality of the training for future healthcare professionals, that will undoubtedly affect the care they will provide in their future professional activity.

Indeed, these results will have a long-term benefit on the care offered to patients and their quality of life. The

improvement of the technical skills and techniques provided by healthcare professionals should translate into excellent care.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Capacity Building in higher education

Project Title

Advancing University Education in Biomedical Engineering and Health Management in Kyrgyzstan

Project Coordinator

Organisation WESTSACHSISCHE HOCHSCHULE ZWICKAU
Address KORNMARKT 1 , 08056 ZWICKAU , Germany Extra-Regio , DE

Project Information

Identifier 561894-EPP-1-2015-1-DE-EPPKA2-CBHE-JP
Start Date Oct 15, 2015
End Date Apr 14, 2019
EC Contribution 899,624 EUR
Partners KYRGYZ STATE UNIVERSITY OF CONSTRUCTION, TRANSPORT AND ARCHITECTURE NAMED AFTER N.ISANOV (KG) , TALAS MAMLEKETTİK UNIVERSITETI (KG) , THE KYRGYZ STATE MEDICAL ACADEMY NAMED AFTER I K AKHUNBAEV (KG) , OSH STATE UNIVERSITY (KG) , S. NAAMATOV NARYN STATE UNIVERSITY (KG) , ISSYKKUL STATE UNIVERSITY NAMED AFTER K.TYNYSTANOV (KG) , SVEUCILISTE U ZAGREBU (HR) , UNIVERSITATEA TEHNICA CLUJ-NAPOCA (RO) , KYRGYZ STATE TECHNICAL UNIVERSITY NAMED AFTER I. RAZZAKOV (KG)

Project Summary

The project idea is based on the observation that the state of the healthcare system in Kyrgyzstan is suboptimal and education regarding the operation of advanced medical equipment (such as diagnostic devices) is poor. Even the Kyrgyz Ministry of Healthcare admits that expensive medical equipment located at public hospitals cannot be operated because personal (medical doctors and technical staff) lack the required knowledge of operating (to western standards well-established) medical devices. An important objective of the project therefore is to sustainably facilitate the stakeholders for ongoing device usage, beyond the device acquisition. This should be accomplished by developing study programmes (curricula) for healthcare informatics and biomedical engineering which shall be established at the participating Kyrgyz partner universities. Within the framework of the project + "KyrMedu: Advancing Higher Education in Biomedical Engineering and Healthcare Management in Kyrgyzstan", since 2015, seven universities in Kyrgyzstan were implementing large-scale activities to introduce innovative educational programmes. For this purpose, the project consortium has increased their teaching capacities, equipped the material, technical and educational capacities for practical and distance learning and strengthened the cooperation with medical institutions, economic partners, the Ministry of Education and Science, and the Ministry of Health of the Kyrgyz Republic. Also, a modern medical laboratory was created with a value of more than 238,000EUR (the KyrMedu Lab at KSMA and the Cloud Lab infrastructure connecting the other Kyrgyz KyrMedu universities to the KyrMedu Lab), which is designed to share for all project partner universities as a training base for practice and laboratory classes. The objective of the project is to solve problems in the health sector by developing and implementing interdisciplinary educational programmes. Therefore, the project consortium covers four regional and three Bishkek universities with expertise in technical, medical and health care informatics directions, as well as three European universities with expertise in the implementation of international projects in medical informatics, biomedical engineering and e-learning technologies. The purpose of the project consortium is to create educational programmes where the disciplines of medicine, information technology and management meet. The final conference of the project was hosted at Talas State University (TSU) on April 11 and 12, 2019. In the frame of the project, a joint curriculum was developed and implemented that meets the requirements of the modern labor market and is oriented to practice. During the implementation of the project, all partner universities successfully launched the bachelor programme "Health Informatics and Biomedical Engineering", where more than 120 students are currently enrolled. Osh State University implemented the master programme "Health Care Management". Favorable learning conditions have been created for them, in particular, the tele-teaching infrastructure is equipped with modern equipment, computer equipment and measuring and diagnostic devices for practical and laboratory classes. As well, total 183 teachers completed advanced training courses in Germany, Romania and Croatia. Communication with local medical institutions has been established and cooperation agreements have been signed for practice, internship and employment. The regional universities in Talas, Osh, Naryn and Issyk-Kul have made and are making a huge contribution to the sustainable development of the respective regions in the fields of education and health. Recognizing such an effective impact of the project at the regional level, the final meeting of partners with the participation of project stakeholders was conducted at one of the regional universities, TSU. Results of the project and Dissemination and sustainability plan on: kyrmedu.org

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

"Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes"



Project Coordinator

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Website www.usab-tm.ro

Project Information

Identifier 2019-1-RO01-KA203-063499
Project Web Site <https://hypoglycediet.wixsite.com/website>
Start Date Sep 1, 2019
End Date Aug 31, 2022
EC Contribution 138,240 EUR
Partners UNIVERSITATEA DE MEDICINA SI FARMACIE VICTOR BABES TIMISOARA (RO) , PATRONATUL ROMAN DIN INDUSTRIA DE MORARIT, PANIFICATIE SI PRODUSE FAINOASE ROMPAN (RO) , UNIVERSITA DELLA CALABRIA (IT) , SZEGEDI TUDOMANYEGYETEM (HU)
Topics New innovative curricula/educational methods/development of training courses ; Health and wellbeing ; International cooperation, international relations, development cooperation

Project Summary

Background

Diabetes defines a metabolic disorder that may have multiple etiopathogenesis characterized by changes in carbohydrate, lipid and protein metabolism resulting from deficiency in insulin secretion, insulin resistance or both and which has as its current defining element the value of blood glucose.

The whole world is experiencing a pandemic Type 2 diabetes, due to the occidentalization of lifestyle and urbanization, which lead to changes in diet, a sedentary lifestyle and development of obesity. Given the upward trend, diabetes is considered to be the disease of the 21st century. At 2017, statistics show the existence of 425 million adults with diabetes and estimate that by 2045 approximately 629 million will develop the disease. According to WHO statistics, 1% of the population is the percentage of children and young people under 35 years with diabetes.

These alarming data denote the need to find urgent solutions to improve both the quality of life of patients and effectively manage the economic and social burden of diabetes across the world. Thus, through the objectives, the activities and the results obtained, the project comes to respond, at the European, inter-community level, to these needs of the current society.

Objectives

The general objective of this project was to develop a transnational strategic partnership as well as joint initiatives for cooperation and exchange of good practices at European level that would lead to transferring the knowledge in the field of dietary food products, technologies and plant extracts with functional and nutritional role in hypoglycemia diet.

The specific objectives were focused on the following directions:

SO1. Transferring knowledge to the target group and socio-economic environment. This objective aimed to support the development, transfer and implementation of innovative practice by applying the management strategies to obtain hypoglycemic products with role in diabetic disease and to improve the quality of life of the population segment suffering from this disease in all partner countries. In this regard a curricula and a course were achieved.

SO2. Continuous training of specialists and learning of new experts. This objective aimed to increase the training level of experts and students in the fields of Nutrition, Food technologies and Pharmacy.

SO3. Awareness of the population. Through multiplier events and advertising materials the importance of nutrition in the prevention of diabetic disease was promoted.

Implementation

The project had 5 activities (A1-A5), all the partners were involved with the mention that each partner were responsible for achieving one activity, as follows:

A.1. Management, coordination and implementation activity – responsible University of Life Science „King Mihai I” from Timisoara, former Banat’s University of Agricultural Sciences and Veterinary Medicine, „King Michael I of Romania” from Timisoara, BUAS (LP)

A.2. Elaboration of curricula activity – responsible University of Calabria, UCA (P3)

A.3. Elaboration of the course hand-out activity: – Responsible “Victor Babes” University of Medicine and Pharmacy Timisoara, UMFT (P1)

A.4. Training activity: - Responsible Romanian Association of Milling and Baking Industries, (ROMPAN) (P2)

A.5. Informing and results dissemination activity – Responsible University of Szeged, USZ (P4)

Achievements

The immediate expected results are consistent with the specific objectives set and refer to:

R1. A curricula which establishes cognitive skills and abilities necessary to manage diabetic disease.

R2. A course handout entitled: MANAGEMENT OF DIABETIC DISEASE USING HYPOGLYCEMIA FOODS AND EXTRACTS. The material offers to direct beneficiaries and to target group information about the management of diabetic disease and scientific basis of human nutrition in terms of finding new technological solutions to design hypoglucidic products and extracts.

R3. 10 over-qualified specialists, experts with extensive competencies in nutrition, pharmacy and food technologies capable to providing complex and complementary solutions for the preservation, treatment and management of diabetic disease.

R4. 60 young experts, master and PhD students who benefit from an innovative, multidisciplinary learning activities that combine nutrition, food technology and pharmacy knowledge in managing and preventing metabolic diseases of diabetes patients.

R5. 140 specialists from food industry, pharmacists, and nutritionists attended to multiplier events.

R6. 15 new papers destined for specialists in the food-nutrition fields.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Humanizing Healthcare Education through the use of Storytelling



Project Coordinator

Organisation International Network for Health Workforce Education
Address Carrer Joan Oliver 14 / Puerta 4a , 08172 Sant Cugat del Valles,
Barcelona , Cataluña , ES
Website www.inhwe.org

Project Information

Identifier 2019-1-ES01-KA203-065728
Project Web Site <https://storyaid.eu/>
Start Date Oct 1, 2019
End Date Sep 30, 2021
EC Contribution 234,458 EUR
Partners Wyższa Szkoła Ekonomii, Prawa i Nauk Medycznych im. prof. Edwarda Lipińskiego w Kielcach (PL) , Vysoka škola zdravotnícka, o.p.s. (CZ) , THE ROBERT GORDON UNIVERSITY (UK) , StoryAID Limited (UK) , AGENFOR ITALIA ASSOCIAZIONE (IT) , Munster Technological University (IE) , MEDIZINISCHE UNIVERSITÄT GRAZ (AT)
Topics Cooperation between educational institutions and business ; Health and wellbeing ; Intercultural/intergenerational education and (lifelong)learning

Project Summary

Background

The consortium applied for this project because of a distinct need, acknowledged among educators, for the need to rehumanise healthcare through the education and training of healthcare professionals. Current healthcare training relies on a comprehensive understanding of the bio-medical model of medicine. However, there is a pressing need for healthcare curricula to reflect a more rounded model of medicine, particularly one which reflects the principles of humanism. To facilitate a transition towards healthcare education that has humanism as a central pillar, the project identified storytelling as a crucial tool to enable educators to reveal the hidden stories of patients, healthcare professionals, loved ones, and vulnerable people.

Objectives

StoryAidEU aimed to 'humanise healthcare education through storytelling'. It aimed to do this by using a truly interprofessional approach to storytelling in order to improve collaborative practice which, in turn, strengthens health systems and improves health outcomes. By aiming to create an innovative multi-professional, inter-stakeholder approach to bridge the gap between current educational models that side-line the importance of humanism and a more rounded model in which humanism is a core element, the project achieved its aims of producing education tools that are truly able to rehumanise healthcare training. These training resources can be used by educators and students so that they have a clear pathway for implement the principles of humanism and storytelling tools in their curricula.

Implementation

The project used a number of data collection techniques to conduct a full review of interprofessional education tools, an assessment of humanism, and essential research into how storytelling approaches can be used to improve healthcare education training. These three areas were combined to create a dedicated and comprehensive educational curriculum for healthcare educators to promote humanism in healthcare. All educational resources can be found in our online StoryAidEU Academy.

Achievements

The project produced a state-of-the-art research report on the three key topic areas of the project: Humanism, Storytelling and Interprofessional Education. We created a dedicated training curriculum for healthcare educators which can be adapted to different healthcare settings and national contexts. Moreover, the curriculum is flexible enough to reflect specific institutional and contextual needs by having options to either be fully integrated into existing curricula or to be partially integrated as complementary to existing curricula. The project ran a 'train the trainer' event to test this work and also disseminated its results via an online international conference. The extensive toolkit (which include a training guide, coursebook, PowerPoint slide decks, autonomous learning system and group work guides) can be used in a variety of educational actors. Additionally, the project produced audio visual material (including 12 module videos, further learning videos and an interactive lecture) to provide more interactive and engaging tools to support educators and students alike.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Connecting Genes to Rare Diseases through New Generation Sequencing (NGS) Technology and Advanced Teaching Methods



Project Coordinator

Organisation ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON
Address 6 CHRISTOU LADA STR , 10561 ATHINA , EL
Contact efrysira@yahoo.gr

Project Information

Identifier 2017-1-EL01-KA203-036361
Start Date Sep 1, 2017
End Date Dec 31, 2020
EC Contribution 177,809 EUR
Partners NIKOLAOS KOUTSOMPINAS OLGA MAVROPOULOU O.E. (EL) ,
ISTITUTO ORTOPEDICO RIZZOLI (IT) , UNIVERSITEIT ANTWERPEN
(BE)
Topics New innovative curricula/educational methods/development of training
courses ; ICT - new technologies - digital competences ; Health and
wellbeing

Project Summary

Many patients with rare disorders now have diagnoses made through NGS and had previously spent years on an uninformative diagnostic odyssey enduring costly, time consuming, and sometimes invasive procedures associated with medical risks that are stressful for families and providers and imposing a heavy burden on the health-care system. NGS is found to be a less expensive option and significantly improves our diagnostic ability. The project's objectives were to improve healthcare across the breadth of medical specialities and carried out through the project's intellectual outputs (IO 1-4) and learning, teaching and training events. To be more specific, NGS studies the discovery of new genes and diagnosis of rare monogenic disorders, the identification and diagnosis of genetic factors contributing to common diseases, the prenatal diagnosis and testing, the personalised medicine, the gene therapy, and the genome editing.

During the project, the consortium produced training material that cover the basic concepts of NGS technology and knowledge of new tools used for DNA sequencing. Furthermore, a registry was developed that contained data on undiagnosed cases and rare skeletal dysplasias as well as DNA samples that were analyzed through NGS technology. Finally, the consortium produced a mentoring guide that focuses on personalized treatment of rare diseases and on the importance of support that family provides in the affected member. All of the aforementioned material is easily and freely accessible to anyone from the on line training platform.

During the learning, teaching and training activities, members of the University of Antwerpen and the Rizzoli Institute were given the chance to share their expertise and exchange knowledge on topics relevant to NGS in an effort to disseminate the knowledge to new generations.

The IO2 on line training platform that hosts among others the training material produced in IO1, the Open NGeneS Resources produced in IO3, and the Mentoring Guide produced in IO4 has attracted 5292 visitors. The stakeholders that accessed and used the on line training platform in a frequent basis evaluated the overall output as "excellent" through feedback received.

The participants' profile for this project was pre and post graduate university students, researchers, and medical doctors. In the multiplier events carried out through the project a total of 403 people registered. In the learning, teaching and training event 18 university students attended. Finally, the project's intellectual outputs (training material, open registry and mentoring guide) are hosted on the project's on line training platform which gathered over 5290 visitors.

In conclusion, the project's results showed that NGS is an effective tool to diagnose genetically heterogeneous disorders in a clinical setting especially in young children in who all the clinical features may not be clinical evident or clear.

This project provides students innovative research skills embedded in the era of artificial intelligence through the NGS, introduces personalized treatment through interpretation of DNA samples with NGS, enables partners to carry out joint research activities with other Universities, and provides a space for facilitating the sharing of knowledge and multidisciplinary cooperation opportunities for all participants.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for vocational education and training

Project Title

Use of tactical medicine in mountain accidents - experience of the European Mountain Rescue Service

Project Coordinator

Organisation Grupa Regionalna Gorskiego Ochotniczego Pogotowia Ratunkowego
Grupa Podhalanska

Address Aleja 1000lecia , 34-700 Rabka Zdrój , Małopolskie , PL

Website www.gopr-podhale.pl

Project Information

Identifier 2019-1-PL01-KA202-065803

Start Date Oct 1, 2019

End Date Jun 30, 2022

EC Contribution 64,231.4 EUR

Partners Bergrettung Berchtesgaden e.V. (DE) , Horská služba Pieninskeho
národného parku (SK)

Topics Civic engagement / responsible citizenship ; International cooperation,
international relations, development cooperation ; Health and wellbeing

Project Summary

Background

The experience gained by GOPR in the past years thanks to the Erasmus programme allowed for the introduction of many new and important solutions into the mountain service. Therefore, the main premise which determined the application and realisation of this project was the desire and conviction to learn new solutions, maintain the already existing international cooperation at a high level, but at the same time maintain the international pillar as an important element of the whole process of training and rescue education within our organisation. This is what the implementation of this project has guaranteed.

Objectives

Practices and experiences were exchanged on the application of tactical medicine solutions suitable for use in mountain areas. The experiences gathered were intended to show to what extent it is possible to optimise one's own rescue efforts, above all in terms of reducing the time it takes to evacuate an injured person from hard-to-reach places in the mountains.

Implementation

The project held three four-day workshops on emergency response in the area of tactical medicine, during which different scenarios were implemented in both summer and winter. In addition, three working meetings were held to discuss the programme and scope of the workshops, as well as other ongoing project activities (mainly in view of possible changes necessitated by the COVID 19 pandemic period).

Achievements

Thanks to the exchange of experience and joint training, elements of tactical medicine, mainly in the field of haemorrhage control and alternative airway management, have been introduced into the medical training programme of the Podhale GOPR Group. In addition, discussions are being held within the framework of the medical sub-committee concerning the optimisation of equipment in medical rucksacks during mountain rescue operations (German solutions are particularly interesting in this respect).

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Infectious Diseases Education through Active Learning +

Project Coordinator

Organisation Université de Paris
Address 85 boulevard Saint-Germain , 75006 Paris , Île de France , FR
Website <http://u-paris.fr>

Project Information

Identifier 2019-1-FR01-KA203-063058
Project Web Site <https://ideal.u-paris.fr/>
Start Date Sep 1, 2019
End Date Aug 31, 2022
EC Contribution 242,559.3 EUR
Partners LOTHIAN HEALTH BOARD (UK) , UNIVERSITAETSKLINIKUM HAMBURG-EPPENDORF (DE) , ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON (EL) , UNIVERSITEIT ANTWERPEN (BE) , ASTON UNIVERSITY (UK) , UNIVERSITA CATTOLICA DEL SACRO CUORE (IT) , UNIVERSITAIR MEDISCH CENTRUM UTRECHT (NL)
Topics New innovative curricula/educational methods/development of training courses ; Health and wellbeing ; Open and distance learning

Project Summary

Background

IDEAL+ is a programme that aims to improve European medical education through the lens of infectious diseases in an intercultural and practice-oriented approach.

The programme is aimed at multiple targets (undergraduate students, junior/senior health educators, professionals, teachers from other disciplines interested in innovative teaching techniques) that address the challenge of teaching infectious diseases.

Infectious diseases are the second leading cause of death worldwide, with the massive return of known pathogens such as measles, the emergence of multi-drug resistant pathogens, and the emergence of new viruses capable of disrupting our entire communities such as the SARSCov2 virus. Tomorrow's doctors must be properly trained in diagnosis, decision-making, antibiotic administration and prevention of these infections from undergraduate level. Most students in European countries are trained through lectures, which are not sufficient to prepare them for the minimum skills needed in any specialty. Medical teachers are not trained in the necessary practical skills. IDEAL+ provides expertly prepared training, with options for distance learning and disseminates innovative tools for teaching undergraduate students.

Objectives

The long-term objective of the project is to develop:

- a seminar on innovative teaching methods for European medical educators [WP1];
- a week of practical courses in infectious diseases for European undergraduate students using active learning approaches using the methods taught in WP1 [WP2];
- A digital learning platform with educational resources for teachers and students on an open source website to disseminate these resources to other trainers and students [WP3].

Which has allowed to:

- develop knowledge on infectious diseases and antibiotic delivery among European students, renew and improve teaching approaches
- better prepare physicians for the challenges of infectious diseases in their daily practice
- improve the teaching skills of European medical educators
- develop open source tools and digital teaching that emphasise self-directed learning, improve knowledge exchange between European medical educators and create an online platform to attract users from diverse backgrounds

Implementation

The IDEAL+ programme has implemented :

- An annual 3-day seminar in pedagogical innovation for medical teachers from partner institutions ("Teachers Training Seminar - Train the Trainers") [WP1].
- An intensive week of courses on infectious diseases for about 30 medical students organised each year in 6 partner universities (Paris, Rome, Edinburgh, Antwerp, Hamburg, Athens) (three sessions were cancelled between March and June 2020 due to the health crisis, given the medical role of the infectious diseases teachers themselves on the front line of the crisis) [WP2]

During this week, the teachers put into practice what they have learned during the seminar: clinical cases, learning by group work, simulation, serious games, expert lectures, etc. This course is either a substitute for the

traditional curriculum and allows students to obtain ECTS credits (Rome and Paris), or it complements the official programme.

- The development of an open access e-learning platform with resources on infectious diseases and innovative teaching methods [WP3]

Achievements

- 3 annual seminars on innovative teaching techniques for medical educators who will disseminate innovative infectious disease teaching practices later in their institutions (40-50 people from 6 institutions) and participate in the European network for the transformation of medical education and the training of new doctors
- 6 intensive weeks of courses per year for undergraduate students (18/3 years) and 3 summer schools that improve students' knowledge of infectious diseases and prepare them for the challenges of global health
- A digital platform of e-learning resources on innovative teaching methods for teachers and courses on infectious diseases for students
- Resources for undergraduate students and teachers via social networks
- Evaluation questionnaires after each teaching activity to assess student satisfaction
- An application for an Erasmus+ strategic partnership project called IDEALiTER (Infectious Diseases Education Advanced Level Intensive Training for a nEw Reality) led by the French team.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Capacity Building in higher education

Project Title

Enhancement of study programs in Public Health Law, Health Management, Health Economics and Health Informatics in Montenegro



Project Coordinator

Organisation UNIVERZITET DONJA GORICA PODGORICA

Address DONJA GORICA BB , 81000 PODGORICA , Црна Гора (Crna Gora) ,
ME

Project Information

| | |
|------------------------|---|
| Identifier | 573997-EPP-1-2016-1-ME-EPPKA2-CBHE-JP |
| Start Date | Oct 15, 2016 |
| End Date | Oct 14, 2020 |
| EC Contribution | 749,834 EUR |
| Partners | DEBRECENI EGYETEM (HU) , UMIT- PRIVATE UNIVERSITAT FUR GESUNDHEITSWISSENSCHAFTEN, MEDIZINISCHEINFORMATIK UND TECHNIK GMBH (AT) , MINISTARSTVO ZDRAVLJA (ME) , UNIVERZITET MEDITERAN PODGORICA PRIVATNA USTANOVA (ME) , INSTITUT SAVREMENIH TEHNOLOGIJA CRNE GORE (ME) , ZDRAVSTVENA USTANOVA INSTITUT ZA JAVNO ZDRAVLJE PODGORICA (ME) , MINISTRY OF EDUCATION (ME) , ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON (EL) , RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG (DE) , JAVNA USTANOVA UNIVERZITET CRNE GORE PODGORICA (ME) |

Project Summary

Medicine is currently undergoing a major revolution that is gradually transforming the nature of healthcare from reactive to preventive. The changes are catalyzed by a new systems approach to disease that have triggered the emergence of keeping people healthy and active since, as this will in the long run have a positive impact on productivity and competitiveness. However, developing, managing and exploring integrated models of service delivery and cooperation across many sectors is challenging. Montenegro (ME) is a small country facing rapid changes and development challenges in all areas that are relevant for societal progress and prosperity. PH-ELIM project is focused on enhancement of educational system in public health in ME in accordance with well known EU best practices, thus providing education of public health professionals making them highly skilled to support own nation in creating sustainable and flexible health system, providing good quality health, protecting of citizens against health threats, all by cost-effective and straightforward approach. The continual sustainable educational approach will be developed at all levels, from undergraduate to PHD at four ME HEIs (through creation/improvements of 25 courses, established new Master program in health economy and management, and updated one PhD program) in interdisciplinary fields of public health law, economy and management, ICTs and medicine; all adopted to ME specificities, including evidence-based approach through innovative National Platform for Education and Research in Public Health, with full support of national ministries and HEI society in ME. Finally, carefully selected raising awareness campaigns about health prevention and public health promotion will be implemented among ME citizens (including children, youth, workforce, elder population, vulnerable groups, etc.), while sustainable long-term activities are ensured through newly established Center for Public Health Education in ME.

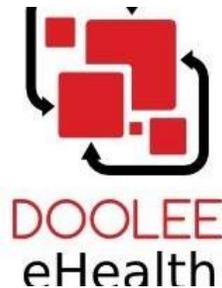
Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices
Action Type: Strategic Partnerships for higher education

Project Title

Development Of Online Learning Environment for e-Health



Project Coordinator

Organisation NEW BULGARIAN UNIVERSITY
Address ULICA MONTEVIDEO 21 , 1635 SOFIA , BG

Project Information

Identifier 2017-1-BG01-KA203-036310
Start Date Sep 1, 2017
End Date Aug 31, 2020
EC Contribution 209,015 EUR
Partners THE STATE EDUCATION INSTITUTION OF HIGHER PROFESSIONAL TRAINING THE FIRST SECHENOV MOSCOW STATE MEDICAL UNIVERSITY UNDER MINISTRY OF HEALTH OF THE RUSSIAN FEDERATION (RU) , UNIVERSITATEA DE MEDICINA SI FARMACIE VICTOR BABES TIMISOARA (RO) , HOCHSCHULE KONSTANZ TECHNIK WIRTSCHAFT UND GESTALTUNG (DE) , NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU (NO)
Topics Health and wellbeing ; ICT - new technologies - digital competences ; Disabilities - special needs

Project Summary

The purpose of the project is development of online educational program, training courses, and interactive assistance tools in the field of eHealth for practical work with people with disabilities, which encompasses e-learning resources development and program implementation. It will be created and maintained Virtual e-Health Center which will store the developed educational resources in combination with the produced and collected information about the needs in the field. The main objective is to develop distance learning program in the field of eHealth - working with people with disabilities, intended for students and professionals /as part of their continuing education/ in medicine, psychology, speech therapy and other professions, public health and health management, patient's groups representatives, parents and relatives of people with disabilities.

The project includes activities in development of the following intellectual products: Online learning program "eHealth - working with people with disabilities"; Electronic manual in eHealth; Virtual center "eHealth"; Tests and questionnaires for self-assessment with feedback and guidance for assistance and self-help for children and adults with developmental disorders and their families; Learning environment for patients with disorders and their families; Training videos and multimedia presentations; Practical exercises by introducing specialized software solutions for training in the field of eHealth; Practical exercises for operation with electrical and chemical biosensors for recording, analysis, visualization, transmitting physiological signal processing applications of 2D and 3D biomedical digital images; 3D reconstruction and development of training modules for demonstration printing; Open Source mobile, server and embedded applications; Model of self-educational course with feedback tests; Data analysis and publications. The produced educational resources will be free and available through the website of the virtual e-Health Center.

The activities are realized through electronic communication among partners, international project meetings, teamwork, development of programs and e-learning resources, summarizing and analyzing the results, design and analysis of information, scientific publications.

The project participants include: 1. New Bulgarian University - leading organization - NBU team includes experts in medicine with experience in working with people with disorders, research on children and adults with disorders and bilingualism, communication with people with disabilities, specialists in informatics and telecommunications with experience in developing e-learning resources, multimedia, mobile applications, software solutions for working with people with disabilities; 2. NTNU, Trondheim, Norway - partner with experience in the development of tests and online communication and consultation with people with developmental disorders, bilingual children with disorders, representatives of various cultural groups; 3. Hochschule Konstanz Technik Wirtschaft und Gestaltung, Germany - partner with experience in the development and implementation of telemedicine projects in the field of eHealth; 4. Universitatea de medicina si farmacie Victor Babes, Timisoara, Romania - partner with experience in adaptation, implementation and administration of online platforms for university studies; 5. The State Education Institution of higher professional training the First Sechenov Moscow State Medical University under Ministry of Health of the Russian Federation - partner with experience in organization and activities in the development of modern technologies (Internet, software and media) in the health field and experience in the creation and development of a virtual hospital. The associated partners are: "Paradox Interactive" Ltd. - a company specialized in designing, implementing and operating solutions for electronic distance learning and "mHealth-Tech" Ltd., Moscow, Russia with experience in the field of studies on the application of new digital and communication technology to provide care and education to medical doctors and patients in remote mode.

As a result of the realized activities the educational approaches will be developed new online program, creative interactive learning resources and tools in the field of eHealth, electronic learning resources for representatives of patient groups and people from different cultural communities, which will be implemented through partnerships with organizations from different countries and various fields of knowledge cooperation. The activities of the project meet the needs of developing innovative educational resources, increase the level of education and training of students and professionals and enable introduction of modern distance learning resources that can be

used by teachers, students, professionals and people with disabilities and their families.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them

Key Action: Cooperation for innovation and the exchange of good practices

Action Type: Strategic Partnerships for adult education

Project Title

HEALTH LITERACY AWARENESS FOR HEALTHY EUROPE



Project Coordinator

Organisation GAZI UNIVERSITESI

Address GAZI UNIVERSITESI REKTORLUGU PROJELER KOORDINASYON MERKEZI , 06500 ANKARA , Ankara , TR

Project Information

Identifier 2016-1-TR01-KA204-035040

Start Date Sep 1, 2016

End Date Nov 30, 2018

EC Contribution 168,212 EUR

Partners BALGARSKA AGENTSIYA ZA RAZVITIE (BG) , ANKARA MILLI EGITIM MUDURLUGU (TR) , ASSOCIAZIONE OMNIS (IT) , T.C. Ankara Valiligi / R.T. Ankara Governorship (TR) , ISIS GMBH (DE)

Topics New innovative curricula/educational methods/development of training courses ; Health and wellbeing ; Research and innovation

Project Summary

WHO defines health as not merely the absence of diseases and disability; health is complete well being in physical, psychological and socially. Health literacy (HL) is people's social and cognitive skills which determine the motivation and ability of individuals to gain access to understand and use information to promote and maintain good health.

According to 2009 UNESCO report 776 million world population and currently %50 of US adult population don't have the basic HL. In a recent study conducted in 8 European countries using European HL survey, %47.6 population have inadequate and problematic HL score; HL is related to use of health services as well. People with low HL use preventative health measures like breast cancer screening facilities and flu vaccinations less frequently. There is also relationship people having low HL and increased number of health clinic visits and hospitalization. Low HL is also a factor for people using emergency health care services more than average. Inadequate HL have individual as well as economic impact on the resource of the nations.

Self efficacy (SE) is optimistic self beliefs how one could cope with difficulties one may face. If individuals are aware of their responsibilities in preserving and promoting their health and carry out their duties of self care they could cope with their health problems. SE scale developed by Schwarzer et al. is not specific to any area but can determine general SE reliably.

There were six partners; Gazi University was the coordinator, members of Department of Public Health at the Medical Faculty carried out project tasks. Because of its expertise and resources in health promotion, the public health department led the project during all the project tasks. Ankara National Education Directory had public education centers this improved the public adult education opportunities of the project. Since Governorship of Ankara is the principal governor of the province and provincial health department; they helped to increase public awareness of health literacy and they facilitated reaching wider health and educational positions within the city and nationally. ISIS Sozialforschung worked with disadvantaged and elderly group which helped to increase HL awareness among those who had low HL. OMNIS worked with immigrants and disadvantaged groups who were generally need more uplifting in HL. BDA worked with general population and helped creating social policies.

Main Project Activities

Creation of web page (OER platform); the project web page shared all the information and findings of the project and its activities. HL education materials were provided on the web page in project partner countries languages. HL and general self efficacy level in partner countries were determined, based on these results, literature search and health services an evidence based need analysis was carried out.

Based on the need analysis a HL education program and its contents, materials and methods were developed, then applied and evaluated on 400 adults.

An education program with contents and evaluation to improve education skills of the educators for the general public in HL was developed, applied and evaluated; 12 educators participated.

Dissemination activities, multiplier events were organized to increase awareness about HL for the general public and health policy setters.

After adult HL education programs and awareness activities, HL score of the target groups were increased significantly. The developed materials in HL for the educators and the general public based on the need analysis were the first of its kind in Europe. The project added and complemented the works of partners by including HL in their portfolio who were already active in related areas; and promoted the HL level of their population.

HL has become the main working areas of Gazi University project group; the project web page will be active and updated for years to come. Gazi University will continue providing HL education for the general public and for its graduates with the developed educational materials of the project. Gazi University introduced HL courses at the graduate level during the project; a new higher education project is under preparation for implementation of HL courses in curriculum at national and European level. National partners are still collaborating in HL related areas, since international partners are non governmental and in adult education they will provide HL materials and

activities in their future endeavors.

The project groups work started during the project with Turkish Ministry of Health in HL education is continuing. The ongoing work will result application of project outputs at national level. HL is a contemporary issue in Turkey, Europe and world wide; HL has potential implications in preserving and promoting health at many levels in our countries. This project has been an exemplary health literacy project at national and European level and received positive feedback.

Link to project card: [Show project card](#)

* Results are available for this project. You can click on the link above, and go to "Results" section to view them