Interaktive Lehrmaterialien für Kinder Bone Marrow Transplantation Nurses

503223-LLP-1-2009-1-TR-LEONARDO-LMP

http://www.adam-europe.eu/adam/project/view.htm?prj=5416
**Projektinformationen**

**Titel:** Interaktive Lehrmaterialien für Kinder Bone Marrow Transplantation Nurses

**Projektnummer:** 503223-LLP-1-2009-1-TR-LEONARDO-LMP

**Jahr:** 2010

**Projekttyp:** Innovationsentwicklung

**Status:** abgeschlossen

**Land:** EU-Zentralisierte Projekte

**Marketing Text:** Projektpartner sind für die Verbreitung der Projektergebnisse zuständig sowohl in ihren Ländern und in Europa. Verbreitung Sitzungen werden in jedem Land Partnern organisiert werden, um Projektergebnisse und auch Projekt Web-Portal einführen werden verwendet, Vermarktung und Verbreitung soll.

**Zusammenfassung:** Allogeneic bone marrow transplantation that is strongly related to high morbidity and mortality rates, places a huge economic burden on patients, patient families and related countries with its low cost/benefit ratio. Hematopoietic bone marrow transplantation method is used in treatment of several pathological diseases varying from cancer and non-cancer blood diseases to metabolic, immunological, and neurodegenerative diseases in children. Most of the diseases that are treated with bone marrow transplantation require special nurse care services in terms of age, nutrition, neurological development and general condition of the patient during pre-transplantation, transplantation and post-transplantation periods. Nursing services have great importance in the success of transplantation. Bone marrow transplantation nurses are one of the most critical personnel group in sustainability of patients' health as well as success and economic efficiency of the transplantation unit. Thus, pediatric BMT nurses are in need of vocational information, guidance and new education materials. However, despite the educational needs of BMT nurses, especially in pediatric areas, unfortunately there are very few and inadequate guiding materials available at present. Based on these conditions, we have developed a project to address the training problems of pediatric BMT nurses within the framework of European Commission’s Lifelong Learning - Leonardo da Vinci Programme for Vocational Education and Training. The overall aim of the project is utilization of nursing care in the pediatric bone marrow transplantation field in the most efficient and supportive way in order to increase the success rate in bone marrow transplantation procedures and post-transplantation care services and consequently contribute to public health.

**Beschreibung:** The e-training material developed within the scope of our project aims to increase skill and knowledge levels of BMT nurses in Europe by using interactive web based tools. The e-training material will work on its official web portal. Each user will be able to reach the educational portal by using his/her specific password. This will enable the users to access the information simultaneously from all over the Europe.

The e-training and self-evaluation and measurement tools developed within the scope of the project was planned to supplement the BMT nurses’ theoretical and practical knowledge and contribute to the standardization process in daily practice. The e-library section of the portal encompasses courses and case studies on important topics relating to pediatric BMT. In the self-evaluation and measurement section, there are quizzes related to the content developed on 36 different topics The multi-language portal is in Turkish, English, German, Spanish and Czech languages, and it also contains forum area "nurse cafe" where nurses, physicians and patients can share information and exchange views. Pediatric BMT administration protocols addressed in current literature generally cover preparation regimes only. There is lack of knowledge in supportive therapy and services especially in pediatric BMT. Therefore our project aims at pediatric BMT nurse training which we believe would lead to an improvement in patient safety in the long-term.

**Themen:** *** Nutzung und Verbreitung von Ergebnissen

*** Nachhaltigkeit

*** IKT

*** Fernlehre

http://www.adam-europe.eu/adam/project/view.htm?prj=5416
Projektinformationen

*** Berufsorientierung und -beratung
* Sonstiges

Sektoren: *** Gesundheits- und Sozialwesen
*** Erziehung und Unterricht
** Erbringung von Freiberuflichen, Wissenschaftlichen und Technischen Dienstleistungen

Produkt Typen: Homepage
Lehrmaterial
CD-ROM
Module
Fernlehre

Produktinformation: Project has an official web portal on www.bmtcare.com, on which the content developed within the project life cycle was uploaded with the means of developed e-training tool. Web portal and e-training tool within the portal were translated in English and partners' respective languages (TR, DE, ES, CZE) parallel to content development. The project web portal is the main tool for partners communication, project management, content development, and dissemination and exploitation of project outputs.

Projektwebseite: www.bmtcare.com
### Vertragnehmer

<table>
<thead>
<tr>
<th>Name</th>
<th>Hemosoft IT and Training Services Inc.</th>
</tr>
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<tbody>
<tr>
<td>Stadt</td>
<td>Ankara</td>
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<td>Land/Region</td>
<td>Ankara</td>
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<tr>
<td>Land</td>
<td>TR-Türkei</td>
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<tr>
<td>Organisationstyp</td>
<td>KMU - Klein- und Mittelunternehmen (bis zu 250 Mitarbeiter)</td>
</tr>
<tr>
<td>Homepage</td>
<td><a href="http://www.hemosoft.com">http://www.hemosoft.com</a></td>
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</tbody>
</table>

### Kontaktperson

<table>
<thead>
<tr>
<th>Name</th>
<th>Ajdan Küçükçifçi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adresse</td>
<td>Silikon Blok No:07 ODTÜ Teknokent ODTÜ/ANKARA/TÜRKYE</td>
</tr>
<tr>
<td>Stadt</td>
<td>Ankara</td>
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<td>Land</td>
<td>TR-Türkei</td>
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<td>Telefon</td>
<td>+903122101863</td>
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</tr>
<tr>
<td>Homepage</td>
<td><a href="http://www.hemosoft.com">http://www.hemosoft.com</a></td>
</tr>
</tbody>
</table>
**Koordinator**

Name: Hemosoft IT and Training Services Inc.
Stadt: Ankara
Land/Region: Ankara
Land: TR-Türkei
Organisationstyp: KMU - Klein- und Mittelunternehmen (bis zu 250 Mitarbeiter)
Homepage: http://www.hemosoft.com

**Kontaktperson**

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Fax: +903122100007
E-Mail: ajdan@hemosoft.com
Homepage: http://www.hemosoft.com
Partner

Partner 1
Name: eScience Institute, Bremen University
Stadt: Frankfurt
Land/Region: Berlin
Land: DE-Deutschland
Organisationstyp: Universität/Fachhochschule/Akademie
Homepage: http://www.zmml.uni-bremen.de/

Partner 2
Name: Charles University in Prague, Hematopoietic Transplantation Unit
Stadt: Prague 1
Land/Region: Praha
Land: CZ-Tschechien
Organisationstyp: National Agency
Homepage: http://www.cuni.cz

Partner 3
Name: Hacettepe University Faculty of Medicine, Children Hospital Pediatric Bone Marrow Transplantation Unit
Stadt: Ankara
Land/Region: Ankara
Land: TR-Türkei
Organisationstyp: Universität/Fachhochschule/Akademie
Homepage: http://www.tip.hacettepe.edu.tr

Partner 4
Name: Unidad de Transplante de Progenitores Hematopoyécticos, Servicio de Hematología, Hospital Universitario La Fe
Stadt: Valencia
Land/Region: Comunidad Valenciana
Land: ES-Spanien
Organisationstyp: Universität/Fachhochschule/Akademie
Homepage: http://www.hospital-lafe.com/
Interaktive Lehrmaterialien für Kinder Bone Marrow Transplantation Nurses (503223-LLP-1-2009-1-TR-LEONARDO-LMP)

Projektdateien

2009_2182_FR_bmtcare_pub_approved.pdf
This product is the public part of our final report, in which detailed information on activities carried out during the project life-cycles, especially activities related to dissemination, exploitation, long-term impact and sustainability.

2009_2182_PR_bmtcare_pub.pdf
Public Part of the Progress Report

bmtcareBrochureEN.pdf
http://www.adam-europe.eu/prj/5416/prj/bmtcareBrochureEN.pdf
Project introduction and dissemination brochure in English. It's also available in Turkish, Czech, German and Spanish languages.

BMTCare Design and Development Document.pdf
The document provides information on design and development process of the bmtcare e-training web portal.

BMTCare.exe
http://www.adam-europe.eu/prj/5416/prj/ BMTCare.exe
This product is our project dissemination CD presents sample content from bmtcare e-training web portal. CD is available in all project language versions (German, English, Turkish, Czech, Spanish). The CDs can be requested from the www.bmtcare.com web site.

booklet_en_print.pdf
This product is the project's dissemination booklet through which part (3 chapters) of the content on www.bmtcare e-training web portal was presented. The booklet is available in German, Spanish, Czech, and Turkish, as well as English. The booklet can be requested from the public part of the web portal.

Brief Portal Guide in English.pdf
This product is for introducing to the users the bmtcare e-training web portal.

Pedagogical Evaluation Report.pdf
This product reflects an independent expert's evaluation on how much the content of bmtcare e-training portal meets the universal principles regarding the adult training.

Pilot Study Report_Czech Republic.pdf
This product provides results from the pilot study (user feedback) in Prague, Czech Republic.

Pilot Study Report_Germany.pdf
This product presents the results from pilot study (user feedback) in Berlin, Germany.

Pilot Study Report_Spain.pdf
This product presents results from the pilot study (user feedback) in Valencia, Spain.

http://www.adam-europe.eu/adam/project/view.htm?prj=5416
Projektdateien

Pilot Study Report_Turkey.pdf
This product provides results from the pilot studies (user feedback) in 4 different centers in Turkey.

Quality Cycle.pdf
This product represents the quality control mechanism related to the content and web portal development phases.

QuestionnaireENFinal.pdf
http://www.adam-europe.eu/prj/5416/prj/QuestionnaireENFinal.pdf
Training needs assessment questionnaire for pediatric bone marrow transplantation nurses

QuestionnaireP2TRFinal.pdf
http://www.adam-europe.eu/prj/5416/prj/QuestionnaireP2TRFinal.pdf
Training needs assessment questionnaire for pediatric bone marrow transplantation nurses in Turkish

QuestionnaireP3GERFinal.pdf
http://www.adam-europe.eu/prj/5416/prj/QuestionnaireP3GERFinal.pdf
Training needs assessment questionnaire for pediatric bone marrow transplantation nurses in German

QuestionnaireP4ESPFinal.pdf
http://www.adam-europe.eu/prj/5416/prj/QuestionnaireP4ESPFinal.pdf
Training needs assessment questionnaire for pediatric bone marrow transplantation nurses in Spanish

QuestionnaireP5CZEFinal.pdf
http://www.adam-europe.eu/prj/5416/prj/QuestionnaireP5CZEFinal.pdf
Training needs assessment questionnaire for pediatric bone marrow transplantation nurses in Czech

ReportonQuestionnaireEvaluationMethodology.pdf
Report on questionnaire evaluation methodology

This report provides results of an independent expert's evaluation of the bmtcare e-training portal in terms of technical aspects.

WorkflowChart.pdf
Project workflow chart
Produkte

1 INTERACTIVE EDUCATIONAL MATERIAL FOR PEDIATRIC BONE MARROW TRANSPLANTATION
Produkt 'INTERACTIVE EDUCATIONAL MATERIAL FOR PEDIATRIC BONE MARROW TRANSPLANTATION NURSES'

Titel: INTERACTIVE EDUCATIONAL MATERIAL FOR PEDIATRIC BONE MARROW TRANSPLANTATION NURSES

Produkttyp: Unterlagen für offenen Unterricht

Marketing Text: Within the scope of our project, an innovative and up-to-date interactive educational material equipped with practical knowledge was developed for pediatric bone marrow transplantation nurses. The developed system provides opportunity for pediatric BMT nurses to determine their own educational needs with its self-assessment, evaluation and guiding tools. In addition, the proficiency level determination tests will provide immediate feedback to the users.

The overall aim of the project is utilization of nursing care in the pediatric bone marrow transplantation field in the most efficient and supportive way in order to increase the success rate in bone marrow transplantation procedures and post-transplantation care services and consequently contribute to public health.

Beschreibung: The e-training material developed within the scope of our project aims to increase skill and knowledge levels of BMT nurses in Europe by using interactive web based tools. The e-training material works on its official web portal. Each user is able to reach the educational portal by using his/her specific password. This enables the users to access the information simultaneously from all over the Europe.

The e-training and self-evaluation and measurement tools developed within the scope of the project are planned to supplement the BMT nurses’ theoretical and practical knowledge and contribute to the standardization process in daily practice. The e-library section of the portal will encompass courses and case studies on important topics relating to pediatric BMT. In the self-evaluation and measurement section, there will be quizzes related to the e-training content presented on the portal on 36 different topics. The multi-language portal is available in Turkish, English, German, Spanish and Czech languages and it contain forum area "nurse cafe" where nurses, physicians and patients can share information and exchange views. Pediatric BMT administration protocols addressed in current literature generally cover preparation regimes only. There is lack of knowledge in supportive therapy and services especially in pediatric BMT. Therefore our project aims at pediatric BMT nurse training which we believe would lead to an improvement in patient safety in the long-term.

Zielgruppe: The main target group of project is pediatric BMT nurses;however, patients, patient family/relatives and doctors can benefit from the project indirectly.

Resultat: Project has an official web portal on www.bmtcare.com, on which the finalized part of the e-training material was uploaded with the means of developed e-training tool. Web portal and e-training tool within the portal are available in English and partners'respective languages (TR,DE,ES,CZE. The project web portal is the main tool for partners communication,project management, content development, and dissemination and exploitation of project outputs.

Anwendungsbereich: Pilot studies were performed with the pilot study groups at the BMT centers in project partners'respective countries. The results from the pilot studies conducted in Turkey, Spain, Germany, and Czech Republic are available through Adam portal by any interested parties.

Homepage: www.bmtcare.com

Produktsprachen: Englisch
Tschechisch
Türkisch
Deutsch
Spanisch
product files

BMTCARE Progress Report - Public Part

2009_2182_PR_bmtcare_pub.pdf
  Public Part of Progress Report that covers the project period between 01.10.2010-30.09.2011
Veranstaltungen

**Dissemination at La Fe University**

Datum 30.09.2012

Beschreibung It was within the scope of pilot study meeting at La Fe University, our project group made presentation on the project outputs, and distributed introductory material to increase familiarity on the content and added value of our project

Zielgruppe BMT nurses and physicians

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 30.09.2012, La Fe University, Valencia, Spain

**Dissemination at Motol University**

Datum 28.09.2012

Beschreibung It was within the scope of pilot study meeting at Motol University, our project group made presentation on the project outputs, and distributed introductory material to increase familiarity on the content and added value of our project

Zielgruppe BMT nurses and physicians

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 28-29-30 September, 2012, Motol, Pragues, Czech Republic

**The Final Project Meeting**


Beschreibung 17 participants; provides opportunity for overall evaluation of the project and discussion and determination of further dissemination, exploitation and sustainability strategies.

Zielgruppe Project partner, 2 of the guest participants (Prof. Dr. Wolfram Ebell, Charite University, Berlin Germany; Prof. Dr. Manfred Wichnewsky, eScience Institute, Bremen, Germany)

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09:17.00, Antalya, Turkey
Veranstaltungen

Dissemination at Akdeniz University Hospital


Beschreibung It was within the scope of pilot study meeting at Akdeniz University Hospital, our project group made presentation on the project outputs, and distributed introductory material to increase familiarity on the content and added value of our project.

Zielgruppe BMT nurses and hematology physicians

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 14:00, 21.09.2012, Antalya Turkey

Dissemination at Oncology Nursing Training Course

Datum 20.09.2012

Beschreibung It was within the scope of Oncology Nurses Association's Hematopoietic Stem Cell Transplantation Nursing Course, the aim of participation to make presentation on the project outputs, and distributing introductory material to increase familiarity on the content and added value of our project

Zielgruppe Target group (BMT nurses)

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 12:00-13:00, Ankara, Turkey

Dissemination at Anadolu Medical Center

Datum 17.09.2012

Beschreibung It was within the scope of pilot study meeting at Anadolu Medical Center, our project group made presentation on the project outputs, and distributed introductory material to increase familiarity on the content and added value of our project

Zielgruppe BMT nurses and physicians

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09:30, 17.09.2012, Anadolu Medical Center
Veranstaltungen

Advertisement given on the Parliament Magazine

Datum 17.09.2012
Beschreibung half-page advertisement was given on 354th Issue of the Parliament Magazine published on 17.09.2012
Zielgruppe European Community
Öffentlich Öffentliche Veranstaltung
Kontaktinformation ajdan@hemosoft.com
Zeitpunkt und Ort 17.09.2012

Dissemination at Charite University

Datum 10.09.2012
Beschreibung It was within the scope of pilot study meeting at Charite University, our project group made presentation on the project outputs, and distributed introductory material to increase familiarity on the content and added value of our project
Zielgruppe BMT nurses and physicians
Öffentlich Geschlossene Veranstaltung
Kontaktinformation ajdan@hemosoft.com
Zeitpunkt und Ort 10.09.2012, Charite University, Berlin, Germany

Dissemination at Ankara Children’s Health and Diseases Oncology Hematology Hospital

Datum 03.09.2012
Beschreibung It was within the scope of pilot study meeting at Ankara Children’s Health and Diseases Oncology Hematology Hospital, our project group made presentation on the project outputs, and distributed introductory material to increase familiarity on the content and added value of our project
Zielgruppe BMT nurses and physicians
Öffentlich Geschlossene Veranstaltung
Kontaktinformation ajdan@hemosoft.com
Zeitpunkt und Ort 14:00, 03.09.2012, Ankara Children’s Health and Diseases Oncology Hematology Hospital, Ankara, Turkey
**Veranstaltungen**

**Dissemination during “The 8th Meeting of the EBMT Pediatric Diseases WP”**

Datum 07.06.2012

Beschreibung It was within the scope of “The 8th Meeting of the EBMT Pediatric Diseases WP” and “3rd Meeting of The EBMT Paediatric Nurses” 2012, the aim of participation (through posters, abstracts, oral presentation) of our project group was presenting 2 posters, and making 1 oral presentation

Zielgruppe Audiences from the target group (BMT nurses, physicians)

Öffentlich Öffentliche Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09:00-17:00, 07-09.06.2012, Prague, Czech Republic

**Third Scientific Meeting**

Datum 25.04.2012

Beschreibung 16 participants attended to the meeting. Provides increased level of collaboration and cooperation among partners in terms of: (i) collective decision making (ii) evaluation of the developed e–training content (iii) increasing effectiveness of presentation of the information and (iv) focusing on dissemination and sustainability.

Zielgruppe Project partners

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09:00-17:00 on 25.04.2012; 08:30-13:00 on 26.04.2012; Bremen, Germany

http://www.adam-europe.eu/adam/project/view.htm?prj=5416
Veranstaltungen

Dissemination at the 7th National BMT and Stem Cell Treatments Congress

Datum 08.03.2012
Beschreibung It was within the scope of the 7th National BMT and Stem Cell Treatments Congress, the aim of participation of our project group was introducing our project, disseminating the project outputs, and making poster presentation
Zielgruppe Target group (BMT nurses and physicians)
Öffentlich Öffentliche Veranstaltung
Kontaktinformation ajdan@hemosoft.com
Zeitpunkt und Ort 09:00-17:00, 08-10 March 2012, Antalya, Turkey

Second Scientific Meeting

Datum 25.11.2011
Beschreibung Throughout the meeting;
- Workplan was reviewed and updated,
- Dissemination opportunities were discussed,
- Statistical results from the survey was discussed and inferences made by the experts
- Details of training material to be developed were determined,
- Prepared dissemination and training CD was reviewed and new ideas to improve web porta, and dissemination CD were discussed.
Zielgruppe 12 participants, from the partner organizations.
Öffentlich Geschlossene Veranstaltung
Kontaktinformation ajdan@gmail.com
Zeitpunkt und Ort 09.30-17.30, 25.11.2011, Hematology Unit of La Fe University Hospital, Valencia, Spain

http://www.adam-europe.eu/adam/project/view.htm?prj=5416
Veranstaltungen

Dissemination at Czech-Slovakian Medical Conference

Datum 07.10.2011

Beschreibung It was within the scope of Czech-Slovakian Medical Conference in Usti nad Labem, the purpose of our project group's participation was increasing awareness and familiarity regarding the project, face to face communication with the nurses

Zielgruppe BMT nurses and physicians

Öffentlich Öffentliche Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09:00-17:00, 07-09.10.2011, Usti nad Labem, Czech Republic

Dissemination at 3rd Midsummer Meeting in Liberec

Datum 10.06.2011

Beschreibung It was within the scope of the 3rd Midsummer Meeting in Liberec, Increasing awareness and familiarity regarding the project, dissemination of interim analysis result of the questionnaire

Zielgruppe BMT nurses

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09:00-17:00, 10-12 June 2011, Liberec, Czech Republic
Veranstaltungen

First Scientific Meeting

Datum 25.05.2011

Beschreibung Interim questionnaire analysis results were presented. Based on these results and experts’ knowledge and experience, 21 priority training course topics were selected. Work plan was revised and updated. Via the participation of a pediatric BMT nurse, Ms. Nevin Çetin from Hacettepe University Hospital, experts received direct feedback regarding the training needs of the BMT nurses in Turkey.

Zielgruppe 14 participants from the partners organizations attended to the meeting.

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09.00-17.00, 25.05.2011, Ibis Mala Strana Hotel, Prag, Czech Republic

Kick-off meeting

Datum 14.12.2010

Beschreibung This meeting was held with the aim of unification with the project partners, review and update of the project work plan, introduction of project’s administrative and financial processes, agree on general terms for the project management and implementation and conclusion of partnership contracts.

Zielgruppe Two of the observers from the EACEA attended the meeting. There were 15 participants, including partners and observers.

Öffentlich Geschlossene Veranstaltung

Kontaktinformation ajdan@hemosoft.com

Zeitpunkt und Ort 09.00-17.00, 14.12.2010, Anemon Hotel, stanbul, Turkey