



Funded by the
Erasmus+ Programme
of the European Union

EQUALITY

ROAD MAP & RESPONSIBILITIES

& BUDGET

PROJECT COORDINATOR
PROF. DR. DURAN CANATAN



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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 a lot 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.**



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Background:

- ✓ **Status of Turkey:** Thalassemia is very serious health problem in Turkey, overall incidence of thalassemia trait is 2.1%, but it is 4.3% in coastal areas, Antalya has a frequency of 10%.
- ✓ A total 5000 thalassemic patients are followed up at 25 Centres Hospitals of Ministry of Health and University in Turkey.
- ✓ In addition, recently, from neighboring countries such as Iraq, Syria and other Middle East Countries, many immigrants have come to our country. In these countries, thalassemia is also big problem like Turkey.
- ✓ We don't know the number of patients certainly but they will benefit from Project in Turkey.



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Background:

- ✓ Cardiac, hepatic and endocrine complications were important for quality of life in thalassemic patients but they are not followed up enough in Turkey because there are not standard protocols, guides, infrastructure coordination, communication and regular follow-up.
- ✓ Therefore, there is an urgent need for training doctors and nurses for regular practice of growth disorders and endocrine complications in thalassemic patients.



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Aim: The aims of program are to prepare a guide including regular following up patients, to train doctors and to maintain better quality life for thalassemic patients.



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Project partners : European:
Italy- Casa di Cura Quisisana Hospital,



Germany - University Hospital Ulm



Bulgaria- Specialized Hospital for Active Treatment of Children "Prof. Ivan Mitev" Sofia





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Project partners Antalya :

Center for EU Projects of Governorship of Antalya (CEUPA)

Antalya Training and Research Hospital,

Mediterranean Blood Disease Association





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Methods:

Training of trainers: 20 selected trainers (11 Turkey, 3 Italy, 3 Germany and 3 Bulgaria) will take one week training on thalassemia, endocrine complications and good practise health care and following the training they will be issued with a certificate in Italy.





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Methods:

Training of trainers: 20 selected trainers

11 Turkey:

- 5 AKHAV: (4 Doctor)+1(Doctor MOH)
- 5 AEAH: (4 Doctor: 2 hematolog, 1 endocrinolog, 1 Biochemistry, 1 Nurse)
- 1 AKD: (1 Patient)

3 Italy: 2 Doctor: 1 Endocrinolog+1Hematolog+ 1Nurse

3 Germany: 2 Doctor: 1 Endocrinolog+1Hematolog+ 1Nurse

3 Bulgaria: 2 Doctor: 1 Endocrinolog+1Hematolog+ 1Nurse





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Methods:

Action plan for Thalasemic patient's endocrine complications: Action plan will be applied by Adem Tolunay Thalasemia Center of Antalya Training and Research Hospital.





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Methods:

Education programs:

First step: A total 25 doctors and 25 nurses will be participated a meeting in Antalya from 25 thalassemia center in Turkey.





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Methods:

Education programs:

Second step: Education program will continue at 25 thalassemia center in Turkey.

Thus all patients will be benefit as indirectly.

There are a total 5000 patients with thalassemia and about 70-80 % of patients with them have endocrine problems in Turkey.



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Methods:

Education programs:

Third step: Project will be the dissemination of all documents, guidelines and protocols to all participating Centres and for doctors and nurses of other countries such as **European, Africa, Middle East and East Asia.** via **International Network on Complications Endocrine Adolescent Medicine (ICET-A)** under the supervision, coordination and expertise of Prof. Dr. Vincenzo de Sanctis, Coordinator of ICET-A and Consultant at Quisisana Hospital of Ferrara.



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Targets and results:

- ✓ The target project is training for doctors and nurses. Patients will be the final beneficiary.
- ✓ The project is a completely original topic in terms of thalassemics youth desire quality and long life.
- ✓ The skills of doctors and nurses using innovative methods thus thalassemics patients will have better life condition by this project.



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Targets and results:

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Targets and results:

- ✓ First time with this project, **patient follow-up guide will be prepared for patients and doctors**
- ✓ thus, all patients will be followed up and treated in **a certain curriculum.**
- ✓ **The life long and quality of patients will increase with good practice and the training of doctors and nurses.**



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Targets and results:

- ✓ **This method will be a new model for other patients in Turkey.**
- ✓ **The project will improve the quality of life of patients with thalassemia and will extend the life expectancy of patients in overall Turkey.**



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Targets and results:

- ✓ Although project has been written as a joint **EU countries**, project activities will be **spread all over the world with ICET-A group.**
- ✓ As well as we will contribute to skills of all doctors and qualifications of thalasseemics **in the other countries.**



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Conclusion:

- ✓ Project is including ERASMUS criterias
- ✓ Project have Equality, Reality, Acceptibility, Specialty, Measure, Universal and Sensitivity.



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ROAD MAP

Months	Date	Place	Activites
M1-M4	December 2016, January-2017 February-2017 March 2017	We have local meetings. We will do everything together with all of you via e-mail.	Project Start A1 Practical Guide for Effective colloabratin Preparation A2 Road Map Preparation A3 Financial Council O8 Project website O10 Developing of Project Brochures, banners, poster....



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ROAD MAP

Months	Date	Place	Activities
M5	April 2017	Antalya- Turkey	Opening Meeting A3 Financial Council M1 TRANSNATIONAL PROJECT MEETING 1 O3 Monitoring and evaluation report O7 Short videos O8 Project website



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ROAD MAP

Months	Date	Place	Activities
M6-M8	May 2017 June 2017 July 2017		A3 Financial Council O1 E-Magazine O3 Monitoring and evaluation report O7 Short videos O8 Project website



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ROAD MAP

Months	Date	Place	Activities
M9	August 2017	Ferrara- ITALY	C1 Vocational Education and Training M2 TRANSNATIONAL PROJECT MEETING 2 A3 Financial Council O1 E-Magazine O3 Monitoring and evaluation report O7 Short videos O8 Project website



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ROAD MAP

Months	Date	Place	Activities
M10- M11	September 2017 October 2017		A3 Financial Council O1 E-Magazine O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O 9 Mobile application



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ROAD MAP

Months	Date	Place	Activities
M12	November 2017	ULM-GERMANY	M2 TRANSNATIONAL PROJECT MEETING 2 A3 Financial Council O1 E-Magazine O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activites
M13	December 2017		A3 Financial Council O1 E-Magazine O4 ICT-based training programme O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O 9 Mobile application



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ROAD MAP

Months	Date	Place	Activites
M13	December 2017		A3 Financial Council O1 E-Magazine O4 ICT-based training programme O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O 9 Mobile application O7 Short videos O8 Project website O 9 Mobile application



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ROAD MAP

Months	Date	Place	Activities
M14	January 2018	Antalya-Turkey (Local Vocational education and training Only for Turkish doctors and nurses) All partners will not participate	C2 Vocational Education and Training A3 Financial Council O1 E-Magazine O4 ICT-based training programme O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activites
M15	February 2018		A3 Financial Council
M16	March 2018		O1 E-Magazine
M17	April 2018		O4 ICT-based training programme
M18	May 2018		O3 Monitoring and evaluation report O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activites
M15	February 2018		A3 Financial Council
M16	March 2018		O1 E-Magazine
M17	April 2018		O4 ICT-based training programme
M18	May 2018		O3 Monitoring and evaluation report O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activities
M19	June 2018	Sofia- BULGARIA	M4 TRANSNATIONAL PROJECT MEETING 4 A3 Financial Council O1 E-Magazine O4 ICT-based training programme O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activites
M20	July 2018		A3 Financial Council
M21	August 2018		O1 E-Magazine
M22	September 2018		O2 E-Book O4 ICT-based training programme O3 Monitoring and evaluation report O6 Flow Chart O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activities
M23	October 2018	Antalya- Turkey	Closing Meeting M5 TRANSNATIONAL PROJECT MEETING 5 A3 Financial Council O1 E-Magazine O4 ICT-based training programme O3 Monitoring and evaluation report O7 Short videos O8 Project website O9 Mobile application



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ROAD MAP

Months	Date	Place	Activites
M24	November 2018		A3 Financial Council O8 Project website O 9 Mobile application Project Finish



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RESPONSIBILITIES OF PARTNERS

A1 Practical Guide for Effective
colloabratin Preparation
A2 Road Map Preparation
O1 E-Magazine
O2 E-Book
O7 Short videos
O8 Project website
O10 Developing of Project Brochures,
banners,poster....

AKHAV+ All partners



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RESPONSIBILITIES OF PARTNERS

E1 Opening Meeting
E2 Closing Meeting

Antalya Governorship +
AKHAV



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RESPONSIBILITIES OF PARTNERS

C1 Vocational Education and Training

ITALY -

**Prof. Dr. Vincenzo De Sanctis +
AKHAV-**

Prof. Dr. Duran Canatan

Germany-

Prof. Dr. Holger Cario

Bulgaria-

Prof. Dr. Iva Stovea



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RESPONSIBILITIES OF PARTNERS

C2 Vocational Education and Training

AKHAV+

**Ministry of Health of Turkey
Center for EU Projects of
Governorship of Antalya (CEUPA)
Antalya Training and Research
Hospital,
Mediterranean Blood Disease
Associations**



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RESPONSIBILITIES OF PARTNERS

**O3 Monitoring and evaluation
report**

BULGARIA-Prof. Dr. İva Stovea+
AKHAV-Prof. Dr. Duran Canatan



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RESPONSIBILITIES OF PARTNERS

O4 ICT-based training programme

GERMANY- Prof. Dr. Holger Cairo+
AKHAV-Prof. Dr. Duran Canatan



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RESPONSIBILITIES OF PARTNERS

O5 Patient tracking & guidance cards.

O6 Flow Chart

ANTALYA EDUCATION AND TRAINING HOSPITAL +

AKHAV



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RESPONSIBILITIES OF PARTNERS

O 9 Mobile application

**Mediterranean Blood
Disease Associations +
AKHAV**



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RESPONSIBILITIES OF PARTNERS

O 9 Mobile application

**Mediterranean Blood
Disease Associations +
AKHAV**



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RESPONSIBILITIES OF PARTNERS

M1 TRANSNATIONAL PROJECT MEETING 1	AKHAV+LOCAL PARTNERS
M2 TRANSNATIONAL PROJECT MEETING 2	AKHAV+ITALY
M3 TRANSNATIONAL PROJECT MEETING 3	AKHAV+GERMANY
M4 TRANSNATIONAL PROJECT MEETING 4	AKHAV+BULGARIA
M5 TRANSNATIONAL PROJECT MEETING 5	AKHAV+LOCAL PARTNERS