

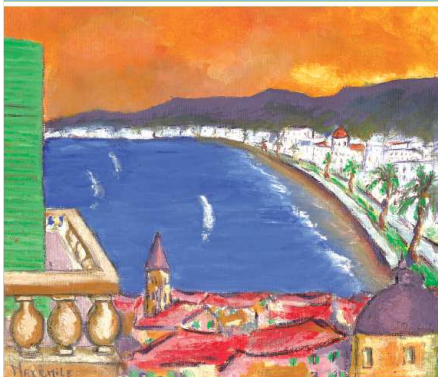


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Alessandro Nanni Costa

Italian National Transplant Centre

“Le réseau méditerranéen de transplantation”



NICE - 23 ET 24 MARS 2012, PRÉ-PROGRAMME 5^{ÈME} COLLOQUE
FRANCE - MAGHREB
SUR LA TRANSPLANTATION D'ORGANES, DE TISSUS ET DE CELLULES

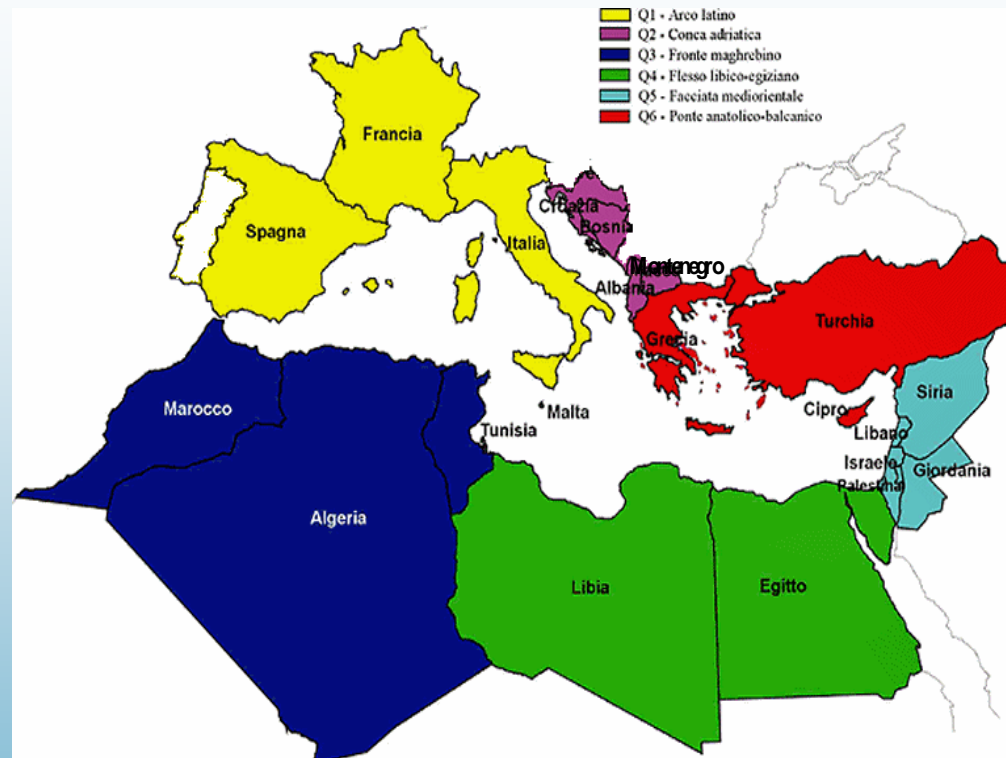
“La greffe au Maghreb : quelles perspectives ?”



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WHAT IS MTN?

- ✓ ALGERIA
- ✓ ALBANIA
- ✓ BOSNIA-ERZEGOVINA
- ✓ CROATIA
- ✓ CYPRUS
- ✓ EGYPT
- ✓ FRANCE
- ✓ GREECE
- ✓ ISRAEL
- ✓ JORDAN
- ✓ LEBANON
- ✓ LIBYA
- ✓ MALTA
- ✓ MONTENEGRO
- ✓ MOROCCO
- ✓ PALESTINE
- ✓ SPAIN
- ✓ SIRIA
- ✓ TUNISIA
- ✓ TURKEY

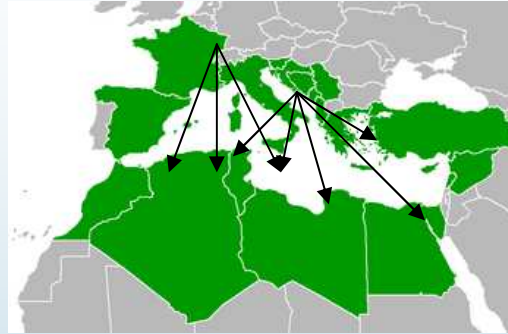


A cooperation network among National Transplant Centres and authorities for organ donation and transplantation of Mediterranean Countries within **EUROMED** program, active since October 2008.



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BACKGROUND



Since 2005

an intense cooperation had been developed in the field of organ transplantation between Italy, France and several countries of the Mediterranean area and Middle East

How

visits of official delegations, correspondence, memorandums of intent, conferences and seminars

Aiming at

establishing closer collaborations between institutions and health centers operating in the field of organ transplantation, to transfer models and policies in their countries in order to improve organ donation, procurement and transplantation activities



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WHY MTN?



Kidney Transplant Activity - 2010 Deceased donor TX		Kidney Transplant Activity - 2010 Living TX		Liver Transplant Activity - 2010 Deceased donor TX		Liver Transplant Activity - 2010 Living TX		Lung Transplant Activity in 2010	
Region / Country	Nº TX	Region / Country	Nº TX	Region / Country	Nº TX	Region / Country	Nº TX	Region /	Nº TX
Greece	108	Greece	27	Greece	25	Greece	0	Greece	2
Turkey	395	Turkey	2107	Turkey	209	Turkey	486	Turkey	3
Israel	65	Israel	78	Israel	39	Israel	7	Israel	32
Malta	11	Malta	3	Malta	0	Malta	0	Malta	0
Croatia	224	Croatia	20	Croatia	103	Croatia	2	Croatia	0
Spain	1985	Spain	240	Spain	951	Spain	20	Spain	235
France	2609	France	283	France	1075	France	17	France	263
Tunisia	16	Tunisia	116	Tunisia	0	Tunisia	0	Tunisia	0
Syria	0	Syria	385	Syria	0	Syria	0	Syria	0
Egypt	-	Egypt	1000	Egypt	-	Egypt	500	Egypt	-
Algeria	2	Algeria	96	Algeria	0	Algeria	6	Algeria	0
Cyprus	8	Cyprus	24	Cyprus	0	Cyprus	0	Cyprus	0
Lebanon	4	Lebanon	70	Lebanon	1	Lebanon	0	Lebanon	0
Lybia	-	Lybia	-	Lybia	-	Lybia	-	Lybia	-
Marocco	-	Marocco	-	Marocco	-	Marocco	-	Marocco	-

* Egyptian data are estimated

Data source is MTN data collection and Global Transplant Observatory - Empty fields mean information was not supplied or program is not running

In most MTN countries, despite surgical expertise, only living transplant activity is developed.





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LEGAL SITUATION IN MTN COUNTRIES

**IN 2008 THE
MTN SURVEY
ON LEGAL
FRAMEWORK
SHOWED
THAT:**

LAW ON DONATION ACTIVITIES

Country	Yes	No
Algeria
Cyprus	X	
Egypt		X
Greece	X	
Israel	X	
Lebanon	X	
Libya	X	
Morocco	X	
Palestine		X
Syria	X	
Tunisia	X	
Turkey	X	

LAW ON TRANSPLANTATION ACTIVITIES

Country	Yes	No
Algeria
Cyprus	X	
Egypt		X
Greece	X	
Israel	X	
Lebanon	X	
Libya	X	
Morocco	X	
Palestine		X
Syria	X	
Tunisia	X	
Turkey	X	



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BUT...

LEGAL FRAMEWORK IS OK, but **ORGANISATION** is not always at national level

NATIONAL TRANSPLANT AUTHORITY

Country	Yes	No
Algeria
Cyprus	X	
Egypt		X
Greece	X	
Israel	X	
Lebanon	X	
Libya	X	
Morocco		X
Palestine		X
Syria		X
Tunisia	X	
Turkey	X	

And in most countries,
NOT ALL TRANSPLANT PROGRAMS are running



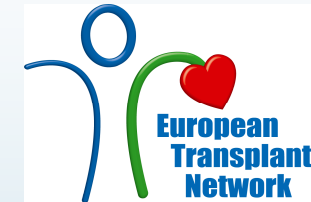
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HOW MTN WAS BORN

The creation of the MTN followed in the steps that led to the creation of the European Transplant Network (ETN)



Creation

Commitment of Health Ministers of Mediterranean Countries

Members

Official Delegates of the Health Ministries of the Countries

Legal Status

Mediterranean Intergovernmental Organization

Modus Operandi

Meetings of the Delegates with expertise in the field

Objectives

Healthcare cooperation for a policy of integration and healthcare solidarity between Europe and Mediterranean Countries in the fields of emergency management and organ and tissue donation and transplantation.



MTN OBJECTIVES INCLUDE:

- Definition of **organizational models** in agreement with guidelines and international rules;
- Exchange of **activity data and information**;
- **Training programs** for health in-the-field professionals, in particular specific and shared programs for transplant professionals.
- Partnerships in **international research projects**.

ORGANIZATION and FUNDING

MTN MEMBERS:

**REPRESENTATIVES of NATIONAL TRANSPLANT ORGANIZATIONS
OR
TRANSPLANT EXPERTS
APPOINTED BY HEALTH MINISTRIES**

**SICILY'S REGIONAL TRANSPLANT CENTRE
IN CLOSE COOPERATION WITH
ITALIAN NATIONAL TRANSPLANT CENTRE
AND
THE ITALIAN HEALTH MINISTRY**

Coordination

FUNDING SUPPORT

**FROM MARCH 2009
by THE ITALIAN HEALTH MINISTRY**









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EUROMED PROCESS: Union for the Mediterranean



Euromed

The Union for the Mediterranean promotes economic integration and democratic reform across 16 neighbours to the EU's south in North Africa and the Middle East.

Formerly known as the [Barcelona Process](#), cooperation agreements were re-launched in 2008 as the Union for the Mediterranean (UfM)    .

The re-launch was an opportunity to render relations both more concrete and more visible with the initiation of new regional and sub-regional projects with real relevance for those living in the region. Projects address areas such as economy, environment, energy, health, migration and culture.

Along with the 27 EU member states, 16 Southern Mediterranean, African and Middle Eastern countries are members of the UfM: Albania, Algeria, Bosnia and Herzegovina, Croatia, Egypt, Israel, Jordan, Lebanon, Mauritania, Monaco, Montenegro, Morocco, the Palestinian Authority, Syria, Tunisia and Turkey.

THE ITALIAN MINISTRY OF HEALTH presently funds
SIX EURO MEDITERRANEAN projects
in the framework of the UfM process



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PRACTICAL ACTIONS: FIRST MEETING

- First meeting of appointed delegates was held in Rome on October 31st 2008 at Italian Health Ministry premises. During this meeting the so-called Rome Proposal was approved.



**Rome Proposal for the establishment of the
MEDITERRANEAN TRANSPLANT NETWORK (MTN):**
Cooperation network among the National Transplant Centers of Mediterranean countries.

The purpose of this document is to illustrate the conception of the "Mediterranean Transplant Network" (MTN) as a network for the cooperation among the Mediterranean countries' National Organizations for organ, cell and tissue donation and transplantation, as well as its goals and activities, and to define a possible operative plan for its realization.

Alongside the experience gained in Mediterranean Area regarding the organization of an efficient organ donation and transplantation network and in the field of international cooperation, in relation to the scarcity of organs and to the advantages that could be yielded in this field by a greater collaboration among Countries, leads us to deem it suitable to advance the proposal to create a Mediterranean Intergovernmental Organization - *Mediterranean Transplant Network (MTN)* - taking into consideration the European regulations in this field.

The Mediterranean Network would enable the creation of a new opportunity for health care cooperation, hence favoring a policy of integration and healthcare solidarity between Mediterranean countries in the fields of emergency management and organ and tissue donation and transplantation.

The actions of this network may include:

- State of the Art of the needs of participating Countries and definition of Model consistent with international guidelines;
- Cooperation agreements for the creation of a collaborative networking allowing the exchange of information and activity data;
- Training programs for health care professionals of the field in particular specific and shared training programs for transplant professionals;
- Participation in international programs, projects and calls for applications for joint scientific, management and research projects.

This organization will include the representatives of the National Transplant Authorities and/or the transplantation experts of all the Health Ministries of the Mediterranean Countries.

The management of coordination activities will be carried out by an office called "Mediterranean Gate to Transplantation" acting as a Coordination Unit for all of the organization's activities and which for recognition of initiation is planned to be located in Palermo, at the CRT Sicilia.

Language in use: English. Key documents will be also translated in French, Arabic or as needed.

Rome, October 31st 2008



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PRACTICAL ACTIONS: Meetings and Scientific Board

- **MTN was officially presented at EUROMED meeting in Cairo on Nov 17-18 2008**
- **Following general meetings were held on March 2nd 2009 in Palermo and on September 30 2009 in Beirut, respectively**
- **In January 2012, the UfM HEALTH group had its first working session. Transplantation is among the themes of interest.**





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PRACTICAL ACTIONS: ACTIVITY DATA COLLECTION

- 2009 and 2010 activity data have been collected and published on the website of the WHO-ONT Global Transplant observatory

<http://www.transplant-observatory.org/pages/home.aspx>

Global Observatory on Donation & Transplantation

Home | Eastern Mediterranean | South-East Asia | Europe | Americas | African | Western Pacific

Wednesday, 18 May 11

Events Announcement

Title	Initial Date
2011 Organ Donation Congress	27/11/2011
6th World Congress on Tissue Banking	09/11/2011
World Cord Blood Congress III	27/10/2011
12th Congress of the Asian Society of Transplantation	25/09/2011
15th Congress of the European Society for Organ Transplantation	04/09/2011
24th International Congress of The Transplantation Society	15/07/2011
World Transplant Games 2011	17/06/2011

Highlights

2009 Organ Activity Data Report



2010 MTN activity data
were collected and
published in the Council
of Europe Transplant
Newsletter in September
2011





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PRACTICAL ACTIONS: TRAINING

In 2010, CNT together with MTN Secretariat and IL3 foundation organized a one month online course for training “trainers”, that would be able to export knowledge in **local seminars** in single countries, followed by a face-to-face 2-day course in Rome. A recall day will be held in next June 2012.

On Line Course 1 – 30 November 2010

Face-to-Face course Rome, 30 Nov. – 1 Dec. 2010

Recall day Rome, 11 – 13 June 2012

The seminars' evaluations, attendance control sheets, tests and follow-up are reported to TPM through the website services;

Permanent support from TPM is available for all the Training for Trainers former participants along the preparation of local Seminars, their implementation and follow up;

A 3-day recall will be organized for all the participants in Rome in June 2012 so that the participants could strengthen their knowledge and share their experiences with colleagues



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THE NUMBERS OF TRAINING

- **17 trainers** certified: (reinforcement training in progress for 2 more MTN participants from Egypt, Greece)
- **12 Target areas** created: Algeria, Cyprus, Egypt, Greece, Israel, Lebanon, Libya, Malta, Tunisia, Turkey, Turkey, Palestine,
- **8 Surveys filled out**: 7 MTN countries/8 TAs: Malta, Algeria, 2 TAs in Turkey, Lebanon, Greece, Egypt, Libya
- **29 EOD seminars** carried out in 2011/2012 as follows: 4 in Cyprus, 5 in Lebanon, 2 in Malta, 17 in Turkey, 1 in Libya
- **12 seminars planned** for 2012: 1 in Greece, 1 in Cyprus, 10 in Turkey
- **1185 professionals trained** in EOD seminars (69 in Cyprus, 103 in Lebanon, 43 in Malta; 948 Turkey, 22 in Libya)



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WHO IS WHO of TRAINING

MTN	RESPONSIBLES	TARGET AREA	SURVEY	MATERIAL ADAPTED	SCHEDULE EOD	DONE	INFO IN DATABASE
ALGERIA	Arzour Hind, Bendjebbar Khelifa	Frantz Fanon CHU Blida	partially	Arabic version to be provided by CNT	1 seminar	no info	seminar created, no participants info
CYPRUS	Chrystalla Despoti	Nicosia Kasr Al Aini university hospital	no	yes	5 seminars	5	yes
EGYPT	Dessouki Aiman, Ghaly Ahmed	Papageorgiou	yes	Arabic version to be provided by CNT	no	no	yes
GREECE	Ntantana Asimenia	Transplant Center- Ministry of Health	yes	yes	1 seminar	planned for April, 2012	yes
ISRAEL	Avraham Mizrachi, Yael Joelle Bistriz	Lebanon Tripoli Central Hospital	yes	no	different training system	different training system	partially
LEBANON	Abou Nader Maroun , Maher Balkis	Lebanon Tripoli Central Hospital	yes	Arabic version to be provided by CNT	5 seminars	yes	yes
LYBIA	Hatem M. Yousef, Fiona Farrugia, Frankie Aquilina	Mater Dei Hospital	yes	Arabic version to be provided by CNT	1 seminar	yes	yes
MALTA	Mohammed Ayyoub, Abdallah Khatib, Rashid Bakeer	Palestine Medical Complex Ramallah	yes	original	2 seminars	yes	yes
PALESTINE	Mellakh Imed	Tunisia Central - Eastern Region	no	Arabic version to be provided by CNT	no	no	no
TUNISIA	Eyup Kahveci, new access details issued	Istanbul region	yes	no info	27 seminars in 2011- 2012	yes, 17 according to the database	yes
TURKEY	Semra Akkaya	Istanbul region	yes	no info	5 seminars in 2011	no info	seminars created, some participants info uploaded



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ACTIONS: COMMON PROJECTS

- Some MTN countries (Malta, Cyprus) will cooperate in the **Joint Action ACCORD** funded by EU Public Health call 2011.
- On February 29, a group of MTN countries (Italy, Malta, Greece, Tunisia, Lebanon, France, Israel, Egypt) submitted a project called **IPOD (Infrastructure and Pillars for Organ Donation)** to ENPI Program. The project will be led by CRT Sicily.



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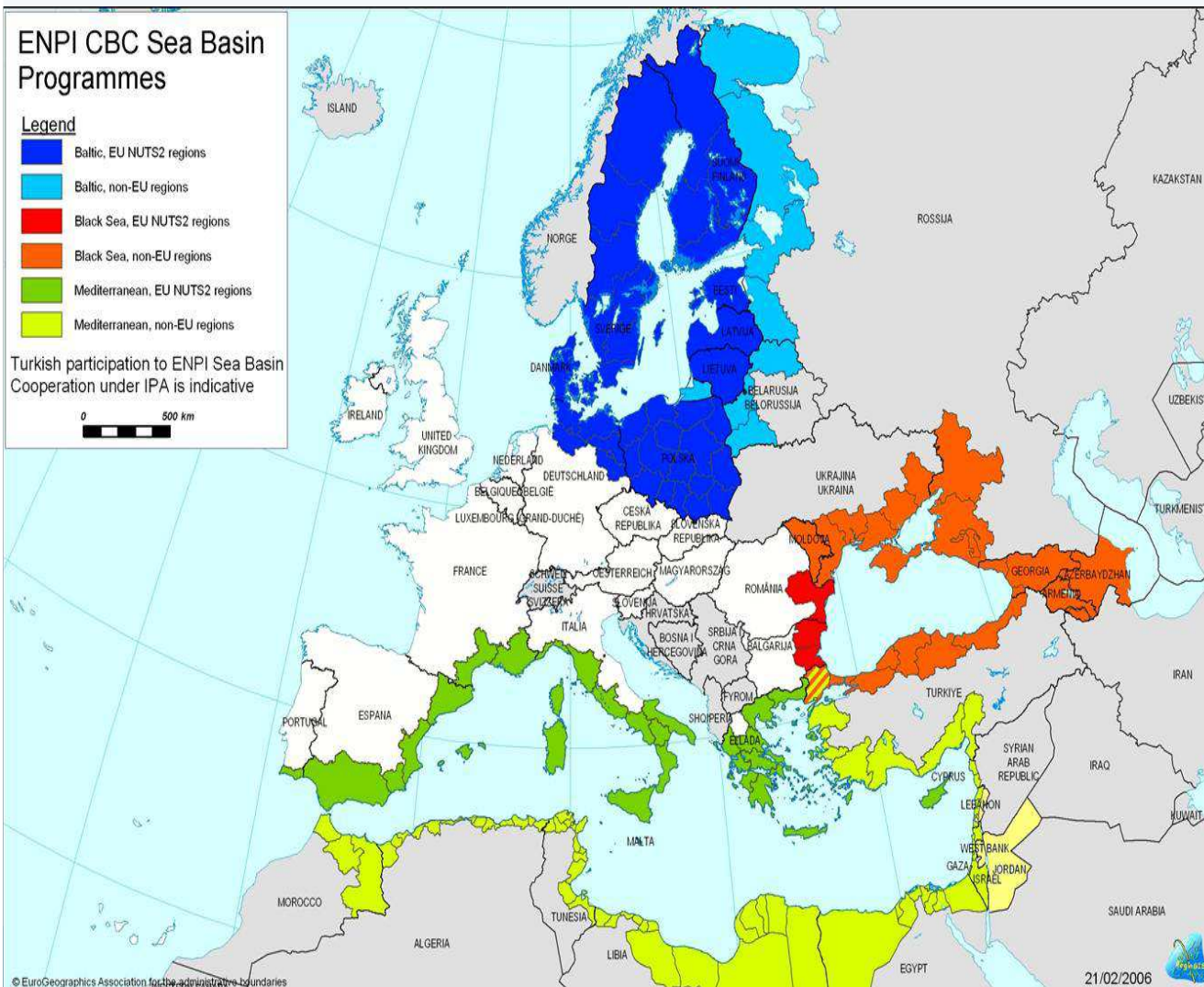
WHAT IS ENPI

European Neighbourhood Policy (ENP)

Financing instrument: European Neighbourhood and Partnership Instrument - ENPI

Period: 2007-2013

Aim: reinforcing cooperation between the European Union and partner countries regions placed along the shores of the Mediterranean Sea.





IPOD OBJECTIVES

- **General objective:** Improvement of healthcare systems and achievement of people's right to access healthcare services
- **Specific objectives:**

Education: Training of clinical staff in pre-/post-transplant management of patients

Web platform:

1. Internet site

Patients: obtain information on organ donation and end-stage organ failure

General practitioners: obtain information on available treatments and international centers of reference for each treatment

Medical specialists: obtain information on the latest innovations and on the educational events available within the network, as well as on patient care guidelines approved by the scientific committee.

2. Database (donors registry, transplant activities, etc....)

enter and update data on donation and transplant activities of member countries

international donation proposals

requests for consults to other specialists within the network

Telepathology (Second opinion)

Tele-ICU (donor management)



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AGREEMENTS

- During these years, some **bilateral agreements** have been signed that set the grounds for further cooperation with particular countries, such as the agreement between Italy and **Malta, Libya and Egypt.**



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NEXT MTN MEETING

Next MTN meeting will be held in Berlin **on July 15 2012** and will be kindly hosted during the TTS congress.

The meeting will be also host a round table on other regional ongoing cooperations, such as Black Sea, SEEHN, Ibero-American, European Transplant Network.





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CONCLUSIONS

Our cooperation seems to be very promising

How far can we go?



As a famous Italian singer* says:

“We’ll find out just living”

(Nous ne le découvrirons qu’en vivant)

*** Lucio Battisti, 1980**