Virtual Euro-Mediterranean Hospital (VEMH)

The Cyprus perspective

-Medical community in Cyprus: facts and needs in terms of e-Medicine
-Contributions in the context of EMISPHER
-Expectations from a VEMH
-A vision and a structured proposal

Intensive Care Unit / Nicosia General Hospital
NICOSIA - CYPRUS
Needs of the Medical community in Cyprus in terms of e-Medicine

-1- The facts

- E.U. Member state
- Island - rather isolated from the rest of Europe
- Health-care expectations are high
- No University hospitals / Medical School
- Lack of critical mass in a number of specialties
- High level of tourism from Europe and Cruises in the broader Mediterranean area
Needs of the Medical community in Cyprus in terms of e-Medicine

-2- The needs

- Doctors / patients from small hospitals / private clinics need second opinion from NGH
- Doctors / patients from all hospitals need second opinion from centers of excellence outside Cyprus
- Doctors / Allied health personnel need CME / training
- Ships in the area frequently need medical advice on emergency situations
- e-home care for certain patient groups
Virtual Euro-Mediterranean Hospital (VEMH)

The Cyprus perspective

- Medical community in Cyprus: facts and needs in terms of e-Medicine
- Contributions in the context of EMISPHER
- Expectations from a VEMH
- A vision and a structured proposal

Intensive Care Unit / Nicosia General Hospital
NICOSIA - CYPRUS
Annual post-graduate educational program 2003 «post-operative intensive care»

University of Cyprus – ISTANBUL  September 2004
Tele-Education in Intensive Care Medicine
UCY - ISMETT
August 2004
EMISPHER concept was presented to several centers / medical specialties:

- Bank of Cyprus Oncology Center have arranged an event in December 2004
- Radiologists in NGH and private centers expressed interest to have CT / MRI tele-diagnosis
- Intensive Care Nursing tele-education program is scheduled for the next year
Virtual Euro-Mediterranean Hospital (VEMH)

The Cyprus perspective

- Medical community in Cyprus: facts and needs in terms of e-Medicine
- Contributions in the context of EMISPHER
- Expectations from a VEMH
- A vision and a structured proposal

Intensive Care Unit / Nicosia General Hospital
NICOSIA - CYPRUS
EXPECTATIONS FROM VEMH (1)

To increase the level of local expertise, the standards of health-care and the sense of assurance among health-care providers and patients through tele-consultation / second opinion services
EXPECTATIONS FROM VEMH (2)

To facilitate access to data from European Health System patients’ records to Cyprus centers when needed in order to ensure the best possible, data-based health-care, especially in emergency situations.
EXPECTATIONS FROM VEMH (3)

To provide easy access to several medical databases (literature, executive reviews, EMB, case records, operations scenarios, radiology files, clinical studies results, formulary data, etc)
EXPECTATIONS FROM VEMH (4)

Reinforcing CME local program by providing
e-learning opportunities especially in certain specialty communities
EXPECTATIONS FROM VEMH (5)

To provide all kind of information to patients regarding their illness and prescribed treatment through interdisciplinary working groups throughout the EMVH network
EXPECTATIONS FROM VEMH (6)

Reduce patients’ efflux and overall health-care costs
EXPECTATIONS FROM VEMH (7)

Safe cruising around Mediterranean area with a 24-hrs support system from ships assistance telemedicine center(s) part of VEMH organization
EXPECTEDATIONS FROM VEMH (8)

To promote collaborative research around Mediterranean area, focusing on interdisciplinary approaches and cultural differences, aiming to .... “bridge” Europe and Mediterranean countries ...
Virtual Euro-Mediterranean Hospital (VEMH)

The Cyprus perspective

- Medical community in Cyprus: facts and needs in terms of e-Medicine
- Contributions in the context of EMISPHER
- Expectations from a VEMH

- A vision and a structured proposal

Intensive Care Unit / Nicosia General Hospital
NICOSIA - CYPRUS
Virtual Euro-Mediterranean Hospital (VEMH)

Step 1

• Create an ethical platform for VEMH based on results from International survey in all countries

• Establish an international scientific committee including as much specialties as possible

• Establish working groups for every task / service

• Establish NGO’s or equivalent in every country with common core-establishment

Intensive Care Unit / Nicosia General Hospital

NICOSIA - CYPRUS
“Patient centered” intensive care in the modern era

- “Competency” based training of HCP’s
- Continuous medical education
- Interrelation of basic and clinical research
- Research using multi-center patients’ databases
- Ability to collect and co-assess multiple inputs
- Electronic health record internationally available
- “Bedside” access to databases