

Situations [MCS] is one of the leading centers of excellence at Rambam Medical Center.

Since 1999, The Teaching Center has organized and successfully delivered five international courses for physicians and nurses entitled "Developing and Organizing a Trauma System". It has also organized ACLS courses for physicians and nurses in Israel, workshops on MCS in Italy, Portugal, Costa Rica, Puerto Rico, and the USA, including a NATO Advanced Research Workshop on MCS, and has provided advice on organizing trauma systems in Italy. The Teaching Center is also involved in organizing and giving advanced trauma courses for physicians and nurses in Israel.

Activities

- 1. International Course for Developing and Organizing a Trauma System
- 2. Mass casualty workshops – international
- 3. Advisor for developing trauma systems tailored to the needs of any country
- 4. Advisor for organizing a hospital for MCS as a country model
- 5. Participating in national programs on trauma
- 6. Organizing short- and long-term fellowships for physicians and nurses from abroad in trauma systems and organization
- 7. Developing teaching aids for trauma
- 8. Advanced Cardiac Life Support [ACLS] courses
- 9. Pediatric Trauma Life Support (PTLS) courses

DEVELOPING AND ORGANIZING A TRAUMA SYSTEM

The course is intended for physicians, nurses and paramedics.

Course objectives

- ◆ comprehending the continuity of treatment of trauma patient in a trauma system
- ◆ studying the structures involved in the various phases of treatment
- ◆ developing a model of a trauma system appropriate for the student's country of origin
- ◆ mass casualty preparedness

Who should attend?

The course is intended for physicians, nurses and paramedics involved in the organization and treatment of trauma victims.



Curriculum

Lectures
Workshops
Guided panels
Visits to trauma units
Visits to pre-hospital facilities
Visit to an IDF Medical Corps facility
Mass casualty drill
Visit to a rehabilitation facility

At the end of the course, students will present a model for the establishment of a trauma system in their countries. The projects will be presented to a panel of experts.

Participants will complete the course with a working plan constructed of clear ideas for the implementation of a trauma system and a method for beginning the building of a trauma system in their own countries.

Academic Staff

Course Director: Dr. Moshe Michaelson, MD, The Teaching Center Medical Director and Director of the Trauma Unit, Rambam Medical Center

Course Coordinator: Mrs. Gila Hyams, RN, MA, The Teaching Center Director and Trauma Coordinator, Rambam Medical Center

Leading trauma specialists in Israel
Policy-makers in trauma management, Ministry of Health and Medical Corps of the Israel Defence Forces
Trauma coordinators

Program

- 1. Structure of a national trauma system
- 2. Structure of a local trauma system
- 3. Injury prevention and control: importance and protocols
- 4. Pre-hospital system: treatment, triage, transport, communication, quality assurance
- 5. Treatment in the trauma center
 - a. Acute phase: admitting area, operating room
 - b. Sub-acute phase: intensive care units: general, neurosurgery, pediatrics
 - c. Long-term phase: surgical departments: general, maxillofacial, orthopedic, neurosurgery, plastic surgery, etc.
- 6. Trauma Coordination - The Pillar of the System
- 7. Teamwork in Trauma
- 8. Rehabilitation
- 9. Steps in developing a specific national trauma system
- 10. Inter-connections in trauma system, pre-hospital-hospital; intra hospital; inter-hospital; government
- 11. Mass casualty situations - Definition and General Guidelines
- 12. Biological, Chemical and Toxicological MCS
- 13. Training of Personnel for MCS
- 14. Hospital headquarters in MCS
- 15. Information Center and Debriefing
- 16. Lessons learned from terror attacks in Israel
- 17. Guidelines and protocol: initial assessment and treatment of a single patient
- 18. Quality assurance
- 19. Medical Management and Treatment of Mass Casualty Patients, Special Injuries, etc.
- 20. Research
- 21. The place of the Medical Corps of the Israel Defence Forces in the trauma system in Israel

Duration of the course

The course will commence on Sunday, November 6, 2005, and will continue for a period of 4 weeks, 6 days weekly [5 study days, 1 clinical orientation day], 8 hours daily, until Friday, December 2, 2005.

Included

Participants in the course will receive accommodations, two meals daily [Breakfast and main meal], organized trips to famous sites in Israel, course-related trips, study materials, social program, a certificate and a group photograph.

Not included

Participants are responsible for all other expenses (dinner, travel in Haifa, etc.) No pocket money will be given.

Participants are responsible for transportation from and to the home country.

Accommodations

Accommodations will be in the Dan Gardens Hotel with two participants sharing one room.

Participants should arrive in Israel on 5 November 2005 at the latest and leave not before 2 December 2005.

No provision is made for accommodation before or after the course.

Participants must arrive with medical and personal insurance.

Application

Application forms are obtainable at the nearest Embassy of Israel. Form D may be disregarded.

Applicants must speak and write English fluently.

Completed applications in English only must be received at Rambam Medical Center no later than June 30, 2005.

All applications will be reviewed by the Organizing Committee and 25 applicants only will be accepted for the course.

Applications must be accompanied by a Curriculum Vitae in English and a copy of the degree.

Send completed applications to:

Mrs. Gila Hyams

Center Director

The Teaching Center for Trauma, Emergency and MCS

Rambam Medical Center

POB 9602

Haifa 31096 Israel

Fax: 972 4 854-3235

email: ghyams@rambam.health.gov.il

For further information, please contact Mrs. G. Hyams.

Tel: 972 4 854-2575

Mobile: 972-54-4999594

Fax: 972 4 854-3235

For information on the MASHAV Center for International Development of the Ministry of Foreign Affairs, see: [http:// mashav.mfa.gov.il](http://mashav.mfa.gov.il)

Here are some comments from the participants in the first five

INTERNATIONAL COURSE ON DEVELOPING AND ORGANIZING A TRAUMA SYSTEM

"Every single day I think about you and the lessons we learned in Israel, and I've been trying to follow them as much as I can, of course, with some adaptation to my country."

"..... Many times a day, images and spots and remembers from Israel suddenly appear in my mind, just like that, very spontaneous and automatically. I guess that I went through some kind of transformation during that trip, I'm not exactly the same person I was before. I'm certain the change is for the better! And I hope to start changing things in my work, too!"

"..... I miss you and all the Rambam team a lot. Thanks for all again. You, your country and your people are very special. I love you for ever."

"..... It is very interesting when you start the analysis with your new 'Israeli' eye. You'll see that we have another perspective to the problem and we are able to discover things that we never imagined through the experience we acquired in Israel."

"It's been almost three months since we enjoyed that wonderful experience in Israel. Tomorrow I am turning in a project to start a Trauma Unit in my hospital. The hospital director and the major leaders are convinced of the need to start working in an orderly fashion to deal with trauma patients. You are the ones that gave us the first push."

"Congratulations for the effort you do to each others your experience"

"I want to thank everyone of you for all this experience received and for the possibility of getting such a direct and personal knowledge of the meaning of the State of Israel, of its people and of the value that effort and organization have to achieve and to sustain a common objective."

"Thank you again for all you did for me (us) in Israel. That was the most beautiful time in my last few years."

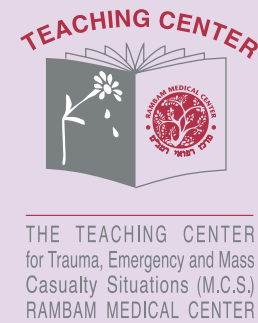
"So much has been learned in so short time...amazing."

"We received from you the key to open the door of a new management of the trauma in our country."

"I'm really impressed. You made us work a lot, but it was perfect because we took advantage of every minute and learned something."

"More than expected. All lectures are very professional and full of experience"

"The course was excellent and organised by professionals."



TRAUMA 6

SIXTH INTERNATIONAL COURSE ON

DEVELOPING AND ORGANIZING A TRAUMA SYSTEM

06 November – 02 December 2005

For physicians, nurses and paramedics

Curriculum and Requirements

RAMBAM MEDICAL CENTER

Rambam Medical Center, established in 1938 during the British mandate, is one of the five largest hospitals in Israel. Rambam Medical Center provides medical care to the Haifa community and tertiary care facilities to the population of northern Israel. In addition, Rambam Medical Center serves the Northern Command of the Israel Defense Forces, members of the United Nations Forces and the U.S. Sixth Fleet.

Rambam Medical Center contains 900 in-patient beds and employs 3,500 physicians, nurses, paramedical and administrative staff.

Rambam Medical Center comprises unique treatment units in northern Israel, and the Emergency Department and Trauma Unit are of the most active in Israel. All casualties are seen first in the Trauma Unit. With the outstanding surgical experience gained from treating battle injuries and victims of terror attacks, Rambam Medical Center has developed exceptional skills in treating multi-trauma, burn, head injury and chemical warfare patients.

The B. Rappaport Faculty of Medicine of the Technion-Israel Institute of Technology and the Cheryl Spencer School of Nursing, attached to Rambam Medical Center, provide instruction and specialization in various medical fields.



TRAUMA SERVICES AT RAMBAM MEDICAL CENTER

Rambam Medical Center is the only trauma center in the north of Israel, serving as a referral hospital for 9 general hospitals in northern Israel, with a total population of 1.5 million people. Of the 38,000 trauma patients seen yearly in the Department of Emergency Medicine, 4,600 require hospitalization, which makes Rambam Medical Center the busiest trauma center in Israel. Over 800 severe trauma patients are treated in the Trauma Unit yearly; 38% require immediate surgery.

The Trauma Unit at Rambam Medical Center consists of 3 fully-equipped bays prepared to treat patients 24 hours a day. The trauma team is comprised of two surgeons and two nurses. All trauma surgeons have successfully completed the ATLS course.

Rambam Medical Center heads a unique trauma system in northern Israel, covering pre-hospital and hospital facilities. A quality improvement program is used to improve patient care and outcome, leading to an impressive reduction in mortality.

THE TEACHING CENTER FOR TRAUMA, EMERGENCY AND MASS CASUALTY SITUATIONS

The Teaching Center for Trauma, Emergency and Mass Casualty