

HERE ARE SOME COMMENTS FROM
THE PARTICIPANTS IN PREVIOUS COURSES
**COURSE ON DEVELOPING AND ORGANIZING
A TRAUMA SYSTEM AND MCS ORGANIZATION**

"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."

10TH COURSE ON DEVELOPING AND ORGANIZING A TRAUMA SYSTEM AND MCS ORGANIZATION

FOR PHYSICIANS, NURSES AND PARAMEDICS

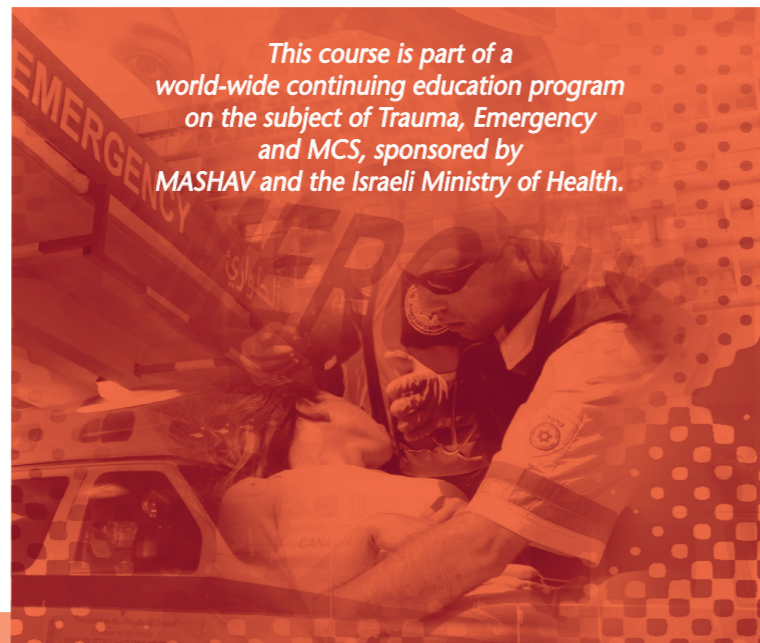
March 3-15, 2013

Rambam, Health Care Campus
Haifa, Israel

Curriculum and Requirements



*This course is part of a
world-wide continuing education program
on the subject of Trauma, Emergency
and MCS, sponsored by
MASHAV and the Israeli Ministry of Health.*



INTRODUCTION

The 21st century began with a reminder that terrorist attacks and mass casualty situations can happen anywhere. Until recently only a few countries had prepared themselves to deal with natural disasters or terrorists attacks. Over the last several years, there has been an increasing awareness of the importance of emergency preparedness to cope with these emergency events.

A Mass Casualty Situation is an event in which hospitals are required to treat injured persons beyond their capabilities and capacities.

The State of Israel is one of a few countries with more than 60 years of experience in preparing its health care system to deal with a variety of mass casualty situations.

Rambam Health Care Campus is often on the front line of a home front war and continues to function at full strength, treating both civilian and army emergencies, as well as regular patients who continue to come to the hospital for treatment.

RAMBAM HEALTH CARE CAMPUS

Rambam Health Care Campus - one of the five largest hospitals in Israel - provides medical care to the Haifa community and tertiary care facilities to the population of northern Israel. The Campus includes more than 900 in-patient beds and employs 3,500 physicians, nurses, paramedical and administrative staff, utilizing advanced technology and imaging facilities. Rambam Medical Center is affiliated to The Bruce Rappaport Faculty of Medicine of Technion-Israel Institute of Technology, attached to Rambam Health Care Campus, and provides instruction and specialization in various medical fields.

TRAUMA SERVICES AT RAMBAM HEALTH CARE CAMPUS

The new Trauma Unit at Rambam Health Care Campus consists of 6 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 Health Care Campus heads the only trauma system

in northern Israel. It covers pre-hospital and hospital facilities of the north of the country, with nine general hospitals transferring severe trauma patients to Rambam. Of the 38,000 trauma patients seen yearly in the Department of Emergency Medicine, 3,500 require hospitalization. Rambam Health Care Campus is the busiest trauma center in Israel, with over 800 severe trauma patients treated yearly in the trauma unit.

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 Situations [MCS] is one of the leading centers of excellence at Rambam Health Care Campus.

Since 1999, The Teaching Center has organized and successfully delivered nine international courses for physicians and nurses, entitled "Developing and Organizing a Trauma System".

Specific courses for Jordanian, Italian, Indian and Chinese physicians and nurses have been held.

ACLS courses for physicians and nurses have been held in Israel and workshops on MCS have been organized in Italy, Portugal, Costa Rica, Puerto Rico, USA, Latvia, Estonia, Thailand, India and Chile.

International courses have been held for physicians from 59 countries such as- Italy, Sri Lanka, Indonesia, Albania, Kosovo, Ethiopia, Georgia, Vietnam, Nepal, Myanmar, USA, UK, Germany, Norway, Ecuador, Peru, Chile, Colombia, Mozambique, Russia, Uruguay, Kenya, Nigeria and the Czech Republic.

The Teaching Center has organized two NATO Advanced Research Workshops on MCS and has provided advice on organizing trauma systems in Italy. It is also involved in organizing and giving advanced trauma courses to physicians and nurses in Israel.

MASHAV

MASHAV – Israel's Agency for International Development Cooperation - at Israel's Ministry of Foreign Affairs was founded in late 1957, and is responsible for the design, coordination and implementation of Israel's development cooperation programs. MASHAV concentrates on human and institutional capacity building by sharing Israel's own development experience and expertise, imparting know-how and transferring innovative technologies and tested methodologies adaptable to developing country needs.

MASHAV's approach is to ensure social, economic and environmentally sustainable development, joining the international community's efforts to implement the Millennium Development Goals by 2015.

In events of natural disasters, MASHAV also provides humanitarian assistance and participates in reconstruction and rehabilitation efforts throughout the world.

The course on "Developing and Organizing a Trauma System and MCS Organization" is intended for physicians, nurses and paramedics involved in the organization and treatment of trauma victims.

COURSE OBJECTIVES

- Comprehending the continuity of treatment of trauma patients 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

At the end of the course, the students will present a model for the establishment of a Trauma System/Mass Casualty Situation Organization 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/Mass Casualty Situation Organization and a method for beginning the building of a Trauma System/Mass Casualty Situation Organization in their own countries.

PROGRAM

1. Structure of a national health and trauma system
2. Treatment in the trauma center
 - a. Acute phase: admitting area, operating room
 - b. Sub-acute phase: intensive care units: general, neurosurgery and pediatrics
 - c. Long-term phase: surgical departments: general, maxillofacial, orthopedic, neurosurgery, plastic surgery, etc.
3. Pre-hospital system: treatment, triage, transport, communication, quality assurance
4. Trauma coordination - The pillar of a trauma system
5. Teamwork in trauma
6. Steps in developing a specific national trauma system, trauma registry.
7. Inter-connections in trauma system, pre-hospital-hospital; intra-hospital; inter-hospital; government
8. Quality Assurance
9. Mass Casualty Situations (MCS) - Definition and general guidelines, hospital headquarters in MCS, Information Center and debriefing, guidelines and protocol: initial assessment and treatment of a single patient
10. Biological, Chemical, Radiological and Toxicological MCS
11. Medical management and treatment of mass casualty patients
12. Lessons learned from war and terror attacks in Israel
13. Training of personnel for MCS
14. Post-Traumatic Stress Disorder (PTSD)
15. Tour of mass casualty treatment sites at Rambam
16. MCS Drill
17. Visit to MDA – The Israeli Pre-hospital Organization
18. Visit to Emergency Departments and Trauma Units throughout Israel



19. Visit to the IDF – The School of Military Medicine
20. Visits to Jerusalem and important sites in Israel

DURATION OF THE COURSE

Sunday, March 3 - Friday, March 15th, 2013

The course will be conducted seven days weekly, and approximately eight hours per day.

Participants should arrive in Israel on Saturday, **March 2, 2013**, at the latest, and leave not before **Friday March 15th, 2013**.

Provisions will not be made for accommodations before or after the course.

ACADEMIC STAFF

Course Director: Dr. Moshe Michaelson MD, Medical Director, The Teaching Center for Trauma, Emergency and MCS, Rambam Health Care Campus

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

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

MASHAV, in collaboration with the Ministry of Health, will assume all costs relating to room and board (two participants per room), local transportation, and insurance for the duration of the course, along with organized professional site visits, study materials, social programming, and a certificate of study.

INSURANCE OF PERSONAL BELONGINGS

MASHAV is not responsible in case of lost or stolen personal belongings. The participants will have medical insurance for the duration of their stay in Israel.

HEALTH SERVICES

Medical insurance covers medical services and hospitalization in case of emergency. It does not cover the treatment of chronic or serious diseases, specific medications taken by the participant on a regular basis, dental care, eyeglasses or the period of pregnancy.

Participants are responsible for all other expenses. Pocket money will NOT be provided.

Participants are responsible for their airfare to and from Israel. For information on international travel scholarships, please contact Israel's mission in your area.

APPLICATION

Application forms are obtainable at the nearest Israeli mission or online at MASHAV's website:

<http://mashav.mfa.gov.il>

Applicants must speak and write English fluently.

Completed applications **in English only** must be received at Rambam Medical Center **no later than December 1, 2012**.

All applications will be reviewed by the Organizing Committee and only 24 applicants will be accepted to the course.

Applications must be **Typed in English** and accompanied by Curriculum Vitae **in English** and a copy of the participants' medical degree.

The Course is not clinical, it focuses on Medical Organization

Send completed applications to:

Ms. Shirley Erulkar, *Administrator*

The Teaching Center for Trauma, Emergency and MCS
Rambam Health Care Campus, POB 9602, Haifa 31096 Israel

Tel: 972 4 854-1451

Fax: 972 4 854-3235

email: course_trauma@rambam.health.gov.il

For further information, please contact:

Mrs. G. Hyams RN, MA

Director, The Teaching Center for Trauma, Emergency and MCS

Tel: 972 4 854-2575

Mobile: 972-50-2062034

Fax: 972 4 854-3235

email: ghyams@rambam.health.gov.il

For information on the MASHAV Center for International Development of the Ministry of Foreign Affairs, see:

<http://mashav.mfa.gov.il>

