

# Terrorism and Medicine Program

## Counter-Terrorism Studies Professional Certificate

For more information or to apply email us at: [ctstudies@idc.ac.il](mailto:ctstudies@idc.ac.il), or visit: [www.ict.org.il](http://www.ict.org.il)

The one-week, intensive **Terrorism and Medicine Program** is designed for medical practitioners, academics, and emergency response personnel, as well as security and disaster management professionals and policy makers, who want to gain a broader understanding of the threats of terrorism, methods of response, and emergency preparedness. The program will provide a comprehensive overview of the principles of terror medicine and mass casualty and disaster management, building on the extensive experience gained by Israel in dealing with victims of terror attacks and mass casualty events (MCE). Participants will acquire a holistic view of the essential role played by emergency preparedness in minimizing terror casualties.

**Principles of Mass Casualty Management** - Lack of experience and/or training can lead to breakdowns among various agencies and entities. This in turn leads to chaos, during which lives can be lost. This program will work to build the foundation for dealing with mass casualty events efficiently and safely.

**Tour of Mass Casualty Event Facilities** - Well-equipped and properly trained MCE facilities are crucial to responding to mass casualty events. Participants will tour MCE facilities in Israel to learn from their experience in emergency medicine.

**Post Traumatic Stress Disorders: Application for MCE** - The need to deal with the invisible injuries affecting many victims of terrorism is often overlooked. PTSD, as well as pediatric/adolescent stress stemming from MCEs, will be addressed.

**Pre-Hospital Strategy** - EMS and the role of the military in responding to mass casualty events.

**Toxicology Event** - Medical responses to chemical, biological and radiological attacks.

**The Role of Police & Fire Departments** - Coordinating efforts between the many agencies that may be called upon to deal with mass casualty events.

**Communication with Media during MCE** - The techniques

A joint project of the Lauder School of Government, Diplomacy and Strategy, the Institute for Counter-Terrorism (ICT) and Hadassah University Medical Center, the **Terrorism and Medicine Program** combines practical knowledge derived from years of experience dealing with these dilemmas on a day-to-day basis.

The week-long program will take place in Jerusalem at Hadassah University Hospital-Ein Kerem, site of Israel's first Level One trauma center. Hadassah has handled 40% of the more than 8,500 people victimized by terror since September 2000. In light of this experience, the hospital is at the cutting edge of emergency medicine. The workshop at Hadassah hospital will be led by the world's leading experts in the field.

in handling and utilizing the media to minimize panic and enhance efficiency.

**Public Information Center** - The role of the social worker in aiding victims of terrorism.

**Identification of Victims of Suicide Bombings** - The identification of victims of bombings is essential to forensic investigations and in returning the remains of the victims to their loved ones.

**Mega-Terrorism** - Coping with the challenges presented by "mega-terrorism" events.

**Forensic Medicine in Terror** - The techniques of forensic medicine and their capacity to identify both victims and perpetrators.

**Mechanism of Conventional Injuries** - Injuries due to metal fragments, blasts and other effects have created a need for new methods for treating blast-related injuries.

**Weapons of Mass Destruction (WMD)** - Chemical, biological and radiological terrorism and their implications for emergency medicine.

**Table Top Drill** - Simulation of a mass casualty event, followed by a debriefing.

**Surge Capacity** - Enabling the emergency system to expand beyond normal operations, in order to meet the sudden demand of a mass casualty event.

## Program Content

The **Terrorism and Medicine Course** combines hands-on drills with workshops. Participants will be provided with a realistic interface between theory and practice. The course is designed to provide participants with new skills in such areas as: defining the threat; writing standard operating procedures; working with check lists; debriefings; dealing with post-traumatic stress disorders; setting up information centers for families; and managing the media. The program will allow participants from around the globe to benefit from Israel's experience in dealing with the effects of terrorism on society.

## Program Structure & Tuition

The Terrorism and Medicine Program will be taught in English over a one-week period, July 9-14, 2006, by top experts from Israel and abroad, at Hadassah University Hospital-Ein Kerem. Upon completion of the program, participants will be granted a certificate from ICT and the Lauder School of Government, Diplomacy and Strategy, IDC Herzliya, and Hadassah University Hospital. Tuition for the course is (USD) \$2,000. If the course is taken with the three-week Executive Certificate Program in Counter-Terrorism Studies, tuition is \$5,500 for all seven courses. The tuition does not include transportation to/from Israel or accommodations. However, program organizers will help participants find suitable accommodations near the IDC Herzliya campus if necessary.



## Selected Faculty

**Prof. Shmuel Shapira, MD, MPH** - Deputy Director General of the Hadassah Medical Organization. Hadassah Workshop Chairman. Expert on terror medicine.

**Dr. Boaz Ganor** - Deputy Dean of the Lauder School of Government, IDC Herzliya. Co-Founder of ICT and Chairman of the ICT Academic Board.

**Ms. Julie Benbenishty, RN** - Workshop Coordinator, Hadassah University Hospital. Co-author of the book Disaster Management for Nurses.

**Prof. Avi Rivkind, MD** - Head of General Surgery Department and Trauma Unit, Hadassah University Hospital-Ein Kerem.

**Dr. Yoram Weiss, MD** - Department of Anesthesiology and CCM, Hadassah Medical Organization.

**Prof. Arie Shalev, MD** - Head of the Psychiatry Department and Founder and Director of the Center for Traumatic Stress, Hadassah University Hospital.

**Esti Galili-Weisstub, MD** - Head of Pediatric and Adolescent Psychiatry, Hadassah University Hospital-Ein Kerem.

**Dr. Doron Kotler** - Director of the Operations Division, Magen David Adom (Israel's EMS).

**Prof. Meir Liebergall, MD** - Head of the Departments of Orthopedics at the Hadassah University Hospitals.

**Dr. Jacob Assaf, MD** - Head of the Emergency Medicine Department, Hadassah University Hospital-Ein Kerem.

**Prof. Yehuda Hiss, MD** - Medical Director of the National Center of Forensic Medicine.

**Dr. Tzipi Kahana** - Forensic Anthropologist, Israel Police.

**Dr. Ely Karmon** - Senior Research Scholar at the ICT.

**Yael Shahar** - Senior Research Scholar at the ICT, specializing in threat assessments and informatics.

**Colonel (res.) Gilead Shenhar** - Senior Consultant in the Homeland Security arena and ICT research associate.

	Sunday, 9	Monday, 10	Tuesday, 11	Wednesday, 12	Thursday, 13	Friday, 14
9:00-10:30	Registration	Mass Casualty Events; Hospital Management & Pre-Hospital Care	Auxiliary Services; Forensics, Social & Psychological	Terror Trail; Tour of Attack Sites	Integration of Health Care Providers	Conclusion and Award Ceremony
11:00-12:30						
12:30-13:30	Lunch					
13:30-15:00	Terrorism Future Threats: Conventional & WMDs	Mass Casualty Events; Hospital Management & Pre-Hospital Care	Auxiliary Services; Forensics, Social & Psychological	Hospital Facilities for Mass Casualty Events & Disasters	Table Top Drill & Debriefing	
15:30-17:00						

\*Program subject to change