



Full Syllabus



Course Title	
Medical Management in Mass Casualty & Disaster Events	
Lecturer	
Prof. Bruria Adini	
Semester	
Summer semester	
Course requirements	
Representation of a stakeholder in a simulation exercise	
Final grade components	
<ol style="list-style-type: none"> 1. Assignment 1 – executive simulation exercise – 20% 2. Assignment 2 – home exam – 80% 	
Course schedule	
Class no. / Date	Main topics
#1 / 30.7.23 (08:00-13:30)	<ul style="list-style-type: none"> • Field visit – Health Maintenance Organization (HMO) <ul style="list-style-type: none"> • Medical emergency preparedness of the primary care services • Innovative technologies to assist emergency management • Visit the National Headquarters of an HMO
#2 / 31.7.23 (09:00-14:30)	<ul style="list-style-type: none"> • Field visit – Magen David Adom <ul style="list-style-type: none"> • 7 minutes – immediate action in MCIs • MCI Management at the pre-hospital level • Triage systems and their impact on medical services provision & survivability of patients
#3 / 1.8.23 (09:00-14:30)	<ul style="list-style-type: none"> • Field visit – Rambam Medical Center <ul style="list-style-type: none"> • Coordination of emergency preparedness in the hospital level • Lessons learned from emergencies & mass casualty incidents



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	<ul style="list-style-type: none">• Visit the underground fortified hospital
#4 / 2.8.23 (09:00-14:30)	<ul style="list-style-type: none">• Aerial evacuation• Dilemmas in emergency management• Simulation of a mass casualty incident
Required course reading	
<ul style="list-style-type: none">• Carenzo L, Ingrassia PL, Foti F, et al., 2023. A region-wide all-hazard training program for prehospital mass casualty incident management: a real-world case study. <i>Disaster Med Public Health Prep.</i> 17(e184), 1–7.• Hugelius, K., Becker, J. and Adolfsson, A., 2020. Five challenges when managing mass casualty or disaster situations: a review study. <i>International journal of environmental research and public health</i>, 17(9), p.3068.• Jat, M.N. and Rafique, R.A., 2020. Mass-Casualty Distribution for Emergency Healthcare: A Simulation Analysis. <i>International Journal of Disaster Risk Science</i>, pp.1-14.	