



Medical Effects of Ionizing Radiation
Mini-MEIR Course
Reserve Officers Association
Washington, DC
21 January 2003



21 January 03		Min.	Instructors
0800–0810	Administrative Processing	10	Staff
0810–0940	Introduction to the Threat and Psychological Factors Discuss the nuclear and radiological threat and its psychological consequences.	30	LTC Salter
0940–1040	Effects and Defense of Nuclear Weapons Explain the effects and hazards of blast and thermal energy and fallout characteristics released from a nuclear detonation.	60	LT Burke
1050–1150	Management of Internal Contamination List the methods for removal of internally deposited radioactive materials in the body.	60	COL Jacocks
1150–1250	Lunch	60	
1250–1350	Human Radiation Exposure Experience Discuss the effects of high levels of radiation exposure, both locally and systemically, in humans.	60	LTC Salter
1350–1400	Break		
1400–1530	Acute Radiation Syndrome & Trauma Recall the underlying causes of radiation sickness. Explain the treatments available for persons affected by radiation sickness and treatments being developed.	40	COL Jacocks
1530–1555	“Emergency Department Response to a Radiation Accident” Recall the steps taken from the time a contaminated patient enters a hospital emergency room until their transfer or release, including wound decontamination and protection of medical personnel.	25	REAC/TS film
1555–1600	Course Summation and Critiques	30	Staff