

Time/Dose Effects in Acute Radiation Syndrome - Acute Clinical Effects of Single-Dose Exposure of Whole-Body Irradiation

Symptoms/Signs for Dose Range 0.0 to 0.75 Gy in Free Air

Symptoms/Signs	Hours						Days							Weeks						
	4	8	12	16	20	24	2	3	4	5	6	7	2	3	4	5	6	7		
Nausea																				
Vomiting (retching)		0-5%																		
Anorexia																				
Diarrhea (cramps)																				
Fatigue																				
Weakness																				
Hypotension																				
Dizziness																				
Disorientation																				
Bleeding																				
Fever																				
Infection																				
Ulceration																				
Fluid loss/electrolyte imbalance																				
Headache																				
Fainting																				
Prostration																				
Death																				

Severity Scale

mild to moderate	moderate to severe
unspecified or mild	severe

Colors used to improve visualization only.

Management and Treatment

Performance:

- o Combat effective.

Hospitalization Percentage/Duration

- o None

Therapy

- o None

Adapted from NATO Handbook on the Medical Aspects of NBC Defensive Operations AMedP-6(B), Chapter 6, General Medical Effects of Nuclear Weapons: Diagnosis, Treatment, and Prognosis, 1 February, 1996.