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

	Hours	Days	Weeks
Symptoms/Signs	4 8 12 16 20 24	2 3 4 5 6 7	2 3 4 5 6 7
Nausea	P		100%
Vomiting (retching)			100%
Anorexia	*******	xxxxxx 100 % xxxxxxx	100 %
Diarrhea (cramps)	KXX 20%	*****	XXX 100%
Fatigue		*****	XXXX 100%
Weakness	******	*****	2000
Hypotension		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7777 100%
Dizziness			100 %
Disorientation		*****	
Bleeding		(a) 🔽	100%
Fever		45-50% (b) KXXXXX	XXXX 100%
Infection			100 %
Ulceration			100 %
Fluid loss/electrolyte imbalance	877777777777777777777777777777777777777	///////	xxxxx (d) 100%
Headache		100%	
Fainting			
Prostration		******	00.00
Death	(e)		100%
Severity Scale mild to m	NAMES OF A DESCRIPTION OF A DESCRIPTION OF A DESCRIPTIONO		d to improve visualiztion only.
		~~~~~	
unspecified or mild moder	ate Management and Treat	severe	
Performance: • DT:PD 1 to 2 hours; CI 4 hours to 3 days; PI • UT:PD 1 to 7 hours; CI 7 to 25 hours; PD 25 Hospitalization Percentage/Duration • 3 to 4 days medical care for 100%. • 100% deaths at 5 to 10 days. Therapy • Maintenance of electrolyte balance, supportiv (a) Platelet count drops to zero. (b) Granulocyte count drops to zero.	୦3 to 4 day ଝ୍ମା 4 days to de hours to 4.5 day ଝ୍ମା 4.5 day	ath.	

## Symptoms/Signs for Dose Range 15.0 to 30.0 Gy in Free Air

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.

		Л
R	RADIATION	EMERGENCY MEDICAL MANAGEMENT
		REMM.hhs.gov