

1. Record Nr.	UNINA9910810298703321
Autore	IAEA
Titolo	Medical Management of Radiation Injuries
Pubbl/distr/stampa	Havertown : , : International Atomic Energy Agency, , 2020 ©2020
ISBN	9789201066220
Descrizione fisica	1 online resource (109 pages)
Collana	Safety Reports ; ; v.101
Soggetti	Radiation Injuries Radiation Injuries - therapy Decontamination
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Intro -- 1. INTRODUCTION -- 1.1. Background -- 1.2. Objective -- 1.3.</p> <p>Scope -- 1.4. Structure -- 2. GENERAL CONCEPTS OF RADIATION EMERGENCIES AND MEDICAL MANAGEMENT -- 2.1. Types of radiation emergency -- 2.2. Modes of exposure to radiation and radioactive sources -- 2.3. Clinical and radiological triage -- 2.4. Principles of medical management -- 3. EXTERNAL EXPOSURE -- 3.1. Local radiation injury -- 3.1.1. Diagnosis, medical assessment and dose estimation -- 3.1.2. Treatment -- 3.1.3. Medical follow-up -- 3.1.4. Case study: The radiological accident in Nueva Aldea -- 3.2. Acute radiation syndrome -- 3.2.1. Diagnosis and classification -- 3.2.2. Medical assessment and dose estimation -- 3.2.3. Treatment -- 3.2.4. Medical follow-up -- 3.2.5. Case study: The accident at Fleurus, Belgium -- 4.</p> <p>CONTAMINATION WITH RADIONUCLIDES -- 4.1. External contamination -- 4.1.1. Management -- 4.1.2. Decontamination of wounds -- 4.1.3. Decontamination of body orifices -- 4.1.4. Decontamination of intact skin -- 4.2. Internal contamination -- 4.2.1. Phases -- 4.2.2. Health consequences -- 4.2.3. Diagnosis and assessment -- 4.2.4. Treatment -- 4.2.5. Protective measures to avoid the spread of contamination -- 4.2.6. Medical follow-up -- 4.2.7. Case study: The radiological accident in Goiânia, Brazil -- 5. COMBINED RADIATION INJURIES -- 6.</p> <p>EMERGENCY COMMUNICATION AND MENTAL HEALTH ASPECTS -- 6.1.</p>

Emergency communication during radiation emergencies -- 6.2. Mental health aspects of radiation emergencies -- 6.2.1. Psychosocial considerations related to the affected population -- 6.2.2. Psychosocial considerations related to responders -- 7. RECORD KEEPING -- Appendix I MEDICAL PREPAREDNESS FOR RADIATION EMERGENCIES -- Appendix II BIOLOGICAL EFFECTS OF IONIZING RADIATION: BASIC INFORMATION FOR THE GENERAL PRACTITIONER -- REFERENCES -- ABBREVIATIONS.

CONTRIBUTORS TO DRAFTING AND REVIEW.
