

1. Record Nr.	UNINA9910300072903321
Titolo	Radiation Disaster Medicine : Perspective from the Fukushima Nuclear Accident / / edited by Koichi Tanigawa, Rethy Kieth Chhem
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-02216-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (136 p.)
Disciplina	333.7924 363.1799 610 615842
Soggetti	Emergency medicine Radiotherapy Medicine Nuclear energy Emergency Medicine Medicine/Public Health, general Nuclear Energy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Physicians' early response to Fukushima Daiichi nuclear power plant accident: Challenges and lessons learned -- General considerations in radiation disaster medicine -- Medical perspective -- Pre-hospital emergency medical response -- Hospital emergency medical response -- Disaster behavioral health: Psychological effects of the Fukushima nuclear power plant accident -- Management perspective: Structure of radiation emergency response in Japan -- Management perspective: Structure of radiation emergency response in International Organizations -- Radiation disaster medicine curriculum revisited in a post-Fukushima context.
Sommario/riassunto	The role of disaster medicine is becoming more important as the frequency and severity of natural and technological disasters increase. The triple disaster that occurred in Fukushima on March 11, 2011 calls

for innovation in the training of health care professionals, pre-hospital emergency care providers, and emergency personnel in the management of the medical consequences of radiation disasters. While many books are available on disaster medicine, none is specifically devoted to the role of physicians in the management of patients exposed to radiation leakage from a damaged nuclear power plant. Radiation Disaster Medicine aims to fill this void based on the response to the Fukushima nuclear accident. Each chapter addresses principles and practices of radiation medicine within the specific context of that accident. Topics covered include the role of physicians in radiation disasters, the concepts of external and internal exposure, prehospital and hospital response, disaster behavioral health, and radiation emergency response from the perspective of national and international institutions. Most of the contributors are active educators and researchers in radiation medicine with first-hand experience in dealing with prehospital triage and management of patients within secondary and tertiary care hospitals in Japan. It is hoped that this book will assist in attaining the ultimate goal of radiation disaster medicine: to help the patients.
