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| Titolo                  | Acute Side Effects of Radiation Therapy : A Guide to Management / / by<br>Ainaz Sourati, Ahmad Ameri, Mona Malekzadeh  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, ,<br>2017   |
| ISBN                    | 3-319-55950-8  |
| Edizione                | [1st ed. 2017.]  |
| Descrizione fisica      | 1 online resource (XVI, 217 p. 13 illus., 11 illus. in color.)   |
| Disciplina              | 615.842  |
| Soggetti                | Radiotherapy<br>Oncology   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and<br>index.  |
| Nota di contenuto       | Normal tissue response to radiotherapy -- Radioprotection -- Acute<br>radiation syndrome -- Skin toxicity -- Fatigue -- Hair loss -- Orbital<br>toxicity -- Hematologic toxicity -- Ear toxicity -- Brain toxicity --<br>Mocusal toxicity -- Laryngeal toxicity -- Loss of taste -- Xerostomia --<br>Esophagitis -- Pericarditis -- Pneumonitis -- Hepatic injury -- Gastritis<br>-- Nausea and vomiting -- Pproctitis -- Entritis& diarrhoea.   |
| Sommario/riassunto      | This book provides clear guidance on how to manage a wide range of<br>side effects frequently encountered when treating patients with<br>radiation therapy. For each potential side effect, incidence, mechanism,<br>symptoms, and grading are carefully described. All aspects of<br>management are addressed, drawing on the latest available evidence<br>and highlighting key details of importance in clinical routine. The<br>introduction of new radiation therapy techniques such as 3D conformal<br>radiation therapy, intensity-modulated radiation therapy, and image-<br>guided radiation therapy has reduced normal tissue doses and,<br>accordingly, treatment complications. Nevertheless, a significant<br>percentage of patients still experience acute side effects, in part<br>because the threshold doses for these toxicities are typically lower than<br>those for late effects. Acute toxicities may lead to interruption of<br>treatment and be associated with an increase in late damage. A swift<br>and effective response is therefore essential. This book will enable the |

reader to provide effective care for each side effect, thereby improving patient compliance with treatment and treatment outcomes.

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