

1. Record Nr.	UNINA9910380726303321
Titolo	Total marrow irradiation : a comprehensive review // edited by Jeffrey Y. C. Wong, Susanta K. Hui
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-38692-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (VI, 196 p.) : 45 illus., 38 illus. in color
Disciplina	612.416
Soggetti	Bone marrow - Radiotherapy Bone marrow purging Radiotherapy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Image Guided Total Marrow Irradiation: Past, Present and Future Directions -- Guidelines for Planning, Organ Dose Constraints and Treatment Delivery: A Systematic Review -- Radiobiologic Factors to Consider with Total Marrow Irradiation -- Dose Escalation of Total Marrow Irradiation in Advanced Acute Leukemia -- Reduced Intensity Conditioning Regimens in Combination with Total Marrow and Lymphoid Irradiation -- The Use of Total Marrow and Lymphoid Irradiation in Patients Undergoing Haplo-identical Transplants -- Combining the Benefits of Total Marrow Irradiation and ATG -- Dose Escalation of Total Marrow Irradiation in Multiple Myeloma -- Total Marrow Irradiation in Multiple Myeloma Undergoing Tandem Transplant -- Total Marrow and Lymphoid Irradiation in Non-Hodgkin's Lymphoma -- Linac-based Total Marrow Irradiation -- The Case for Larger Fraction Sizes -- Acute and Late Toxicities With Total Marrow Irradiation: A Comparison to Standard Total Body Irradiation -- Total Body Irradiation Using Intensity Modulated Radiation Therapy.
Sommario/riassunto	This book, written by a team of international experts, concisely reviews the rationale and clinical application of image-guided total marrow irradiation, a rapidly emerging area in radiation oncology and hematopoietic cell transplantation. The aim is to provide the practicing radiation oncologist, hematologist, medical physicist, and bone marrow

transplant researcher with a fundamental understanding of key aspects and an appreciation of the increasing significance of total marrow irradiation as conditioning for bone marrow transplantation. Detailed attention is paid to the impacts of recent advances in radiation therapy technology, functional PET and MRI, and understanding of the response of bone marrow to radiation. Full consideration is also given to the ways in which technological advances in image-guided radiation therapy have created new opportunities to treat bone marrow transplant patients with limited transplant options due to advanced disease, age, or co-morbidities. Further topics covered include the ways in which cancer stem cells and the marrow microenvironment influence response to radiation therapy and the implementation of new-generation predictive radiobiologic factors in the clinic.

2. Record Nr.	UNINA9910904089303321
Titolo	Journal of Tamil studies : = Tamiliyal / International Institute of Tamil Studies
Pubbl/distr/stampa	Madras, : Inst., 1973-
Descrizione fisica	Online-Ressource
Classificazione	6,24 EQ 1000
Disciplina	890 390
Soggetti	Tamil philology Tamil (Indic people) Tamil literature 73.06 ethnography Tamils (volk) Zeitschrift
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	gesehen gesehen am 06.11.2024

