

1. Record Nr.	UNINA9910300316203321
Titolo	Establishing a Hematopoietic Stem Cell Transplantation Unit : A Practical Guide // edited by Éliane Gluckman, Dietger Niederwieser, Mahmoud Aljurf
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-59358-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIV, 306 p. 26 illus., 20 illus. in color.)
Disciplina	616.15
Soggetti	Hematology Oncology Blood transfusion Oncology Blood Transfusion Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Global Perspective on HSCT -- General Principles of HSCT -- The HSCT Program Structure: Minimal Requirements -- Inpatient HSCT Unit -- Outpatient HSCT Unit -- Indications for HSCT in Children -- Indications for Allogeneic Hematopoietic Cell Transplantation in Adults -- Immunogenetics Laboratory -- Stem Cell Source -- Donor/Recipient Selection, Work Up and Safety -- Essential Requirements for setting up a Stem Cell Processing Laboratory -- Supportive Care -- Transfusion -- Laboratory Support -- Quality Management -- Long-Term Follow-up Program -- HSCT Outcome Data Management: Importance of Establishing an Institutional Database -- Establishing a HSCT Program with Limited Resources -- The Success of HSCT Depends on Adequate Training and Education of its Staff -- A Global View on Regulatory Issues in Stem Cell Transplantation and Cellular Therapy -- Paving the Way to Hematopoietic Stem Transplantation Worldwide.
Sommario/riassunto	This text aims to provide simplified practical guidelines to start a hematopoietic stem cell transplantation unit which could be implemented in most centers and countries worldwide. The book also

provides guidelines for existing transplantation units to upgrade their practice and implement new policies and procedures, in addition to developing therapies according to latest international standards and regulations. The book covers a wide range of practical implementation tools including HSCT program team structure, building inpatient and outpatient HSCT units, requisite laboratory support for transplantation program, practical aspects of stem cell collection and processing, HSCT program quality management, education and training, and data management. The book also addresses cost effectiveness and recommendations for establishing transplantation program in countries with limited resources. Written by group of internationally established experts in their corresponding hematopoietic stem cell transplantation fields, with contributions from many leaders of hematopoietic stem cell transplantation organizations, *Establishing a Hematopoietic Stem Cell Transplantation Unit: A Practical Guide* is an essential, practical resource for all members of the multidisciplinary hematopoietic stem cell transplantation team.

---