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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Forward. Brief history of EBMT/EBMT Nurses group. Where we are now. Where we are going -- Introduction. HSCT nursing through the ages/the evolution of the HSCT nurse. Brief history of HSCT Nursing. Importance of HSCT nursing. Extended practice roles etc. -- Chapter 1. JACIE & Quality management in HSCT – Implications for Nursing -- Chapter 2. HSCT: how does it work? What HSCT nurses need to know? Different types of transplant. FAQs -- Chapter 3. Donor selection. HLA typing. Selecting the right donor. Which transplant for which patient? -- Chapter 4. Transplant Preparation. The role of the transplant Co-ordinator. Information and consent. Role of risk assessment and comorbidity scores (HCTI/Karnofsky/Lansky etc.). Fertility preservation

Work-up/ physical assessment. Venous access devices- principles of placement and care. Disease assessment. The advocacy role of the HSCT nurse. Ethical dilemmas. Paediatric considerations -- Chapter 5. Cell source and Apheresis. Cell source: where do we get the cells from?. Basics of apheresis. Information and consent. Haematology in Apheresis/ mobilisation of stem cells. Adverse reactions. Vascular access. Donor care. Quality issues. Paediatric patients/donors and apheresis -- Chapter 6. Principles of Conditioning Therapy & Cell infusion. Chemotherapy. Radiotherapy. Immunotherapy. Cell infusion: procedures and nursing care. Paediatric considerations -- Chapter 7. BMT settings, Infections and infection control. Reverse Barrier Nursing and protective Isolation Ambulatory Care. Respiratory infections and administration of therapy. Fungal infections and administration of therapy Common viral complications. CMV. EBV-PTLD. Multiply resistant bacteria – reducing the spread. C-Diff. Hepatitis. Emerging infections (HepE). Paediatric considerations -- Chapter 8. Transplantation through the generations. Introduction. Brief outline of differences between Transplantation in child and the adult. Section 1: Transplanting the child. Special indications. Nursing considerations. Section 2: Transplanting the Young Adult/ AHA/ Adolescent. Special indications. Nursing considerations. Discuss the teen as a child vs adult. Discuss development of teen cancer centres. Section 3: Transplanting the adult. Nursing considerations. Section 4: Transplanting the older adult. Nursing considerations -- Chapter 9. Early and acute complications and the principles of HSCT Nursing Care. Mucositis and principles of oral care. Sepsis and principles of care. Transfusion. VOD. Haemorrhagic cystitis. Endothelial damage -- Chapter 10. Supportive Care of the HSCT recipient. Nursing assessment-vital signs and their significance/importance. Engraftment. The role of early warning scores. Assessment tools eg oral assessment, nutritional assessment. Principles of nutritional support. Skin care. Oral care. Psychological care. Physiotherapy and exercise. Therapeutic interventions eg complementary therapies, music, touch, massage. Discharge from inpatient care. Readmissions to hospital. Paediatric considerations -- Chapter 11. Graft versus Host Disease (GvHD). Brief description. Acute vs Chronic and other categories. Assessment criteria Differential diagnoses. Principles of treatment and care. Treatments– old, new, supportive and complementary. Paediatric considerations -- Chapter 12. Graft versus Tumour effect. MRD and what it means. Chimerism testing. Care of the relapsed patient. Early vs late relapse -- Chapter 13. Graft failure and rejection. Principles of care. Differences. Treatment options. Paediatric considerations -- Chapter 14. Late effects and long term follow-up. Principles of care. Survivorship and quality of life. Investigations and surveillance. Iron chelation. Immunisations. Common concerns. Managing patient expectation. Palliative care. Paediatric considerations -- Chapter 15. Improving the patient experience through research and audit. How to develop your ideas. How to ask the right questions. Funding. Audit. Clinical Trials. Where to get help.

Sommario/riassunto

This book is open access under a CC BY 4.0 license. This textbook, endorsed by the European Society for Blood and Marrow Transplantation (EBMT), provides adult and paediatric nurses with a full and informative guide covering all aspects of transplant nursing, from basic principles to advanced concepts. It takes the reader on a journey through the history of transplant nursing, including essential and progressive elements to help nurses improve their knowledge and benefit the patient experience, as well as a comprehensive introduction to research and auditing methods. This new volume specifically

intended for nurses, complements the ESH-EBMT reference title, a popular educational resource originally developed in 2003 for physicians to accompany an annual training course also serving as an educational tool in its own right. This title is designed to develop the knowledge of nurses in transplantation. It is the first book of its kind specifically targeted at nurses in this specialist field and acknowledges the valuable contribution that nursing makes in this area. This volume presents information that is essential for the education of nurses new to transplantation, while also offering a valuable resource for more experienced nurses who wish to update their knowledge.
