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Titolo	Cancer in children and young people [[electronic resource] ] : acute nursing care // edited by Faith Gibson, Louise Sloanes
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : John Wiley & Sons, c2008
ISBN	1-281-31826-4 9786611318260 0-470-98814-2 0-470-51914-2
Edizione	[[2nd ed.].]
Descrizione fisica	1 online resource (433 p.)
Collana	Wiley series in nursing
Altri autori (Persone)	GibsonFaith SloanesLouise
Disciplina	618.92/994 618.92994
Soggetti	Cancer in children - Nursing Cancer in adolescence - Nursing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First edition published under title: Paediatric oncology : acute nursing care. London : Whurr, 1999.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cancer in Children and Young People; Contents; Preface; Foreword; Contributors; Acknowledgements; Part 1 Chemotherapy; Commentary: Chemotherapy; 1. Principles of Chemotherapy; The history of the development of chemotherapy; Cell cycle; Growth fraction; Pharmacokinetics and pharmacodynamics; Protocol development and clinical trials; Considerations when planning chemotherapy treatments; Treatment approaches; References; 2. Chemotherapy Agents; Classification of drugs; References; 3. Administration of Chemotherapy; Safe practice with cytotoxic drugs: legislation; Consent; Safe handling Reconstitution and preparation of chemotherapeutic agentsPersonal Protective Equipment (PPE); Work practices; Patient support; Setting for chemotherapy administration; Administration of chemotherapy; Routes of administration; Intrathecal route; The intramuscular and subcutaneous routes; References; 4. Side Effects of Chemotherapy; Introduction; Gastrointestinal tract; Taste alteration; Nausea and vomiting; Pharmacological interventions; Anorexia/weight loss;

Haematological problems; The compromised immune system; Viral infections; Cutaneous side effects; Conclusion; References

5. Oncological Emergencies Introduction; Septic shock; Home care; Disseminated intravascular coagulation (DIC); Anaphylaxis; Acute tumour lysis syndrome (ATLS); Hyperuricaemia; Hyperkalaemia; Hyperphosphataemia and hypocalcaemia; Nursing implications of ATLS; Spinal cord compression; Conclusion; References;

6. Future Trends; Introduction; Treatment strategies; Targeted approaches; Proteasome; Gene therapy; Tumour vaccines; Hormone therapy; Combination therapy; New treatments for cancer - the nurse's role; References;

Part 2 Haematopoietic Stem Cell Transplantation

Commentary: Haematopoietic Stem Cell Transplantation

7. Background to the Haematopoietic Stem Cell Transplant (HSCT) Procedure; History; Types of transplant; Diseases for which haematopoietic stem cell transplant is a treatment modality; Tissue typing; Adult unrelated donors; References;

8. Preparation for Bone Marrow Transplant; The family; Negotiation; Support; Preparation of children; Conditioning regimens; Preparation of a sibling donor; Ethical use of sibling donors; Saviour siblings; Preparation of non-donor siblings; References

9. Collection and Infusion of Bone Marrow, Peripheral Blood Stem Cells and Umbilical Cord Cells Collection of bone marrow; Complications of donation; Collection of peripheral blood stem cells (PBSC); Venous access; Stem cell collection; Collection of umbilical cord blood cells; Issues surrounding umbilical cord banking; Bone marrow/stem cell infusion; References;

10. Protective Isolation: Nursing Issues; Introduction; Infection prophylaxis; Protective isolation; Dietary restrictions; Mouth care; Skin care; Infection screening; The effects of isolation; References

11. Complications of Stem Cell Transplant

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Sommario/riassunto

Much has changed since the first book Paediatric Oncology: Acute Nursing Care (1999), therefore, this new edition encompasses these changes in relation to the practice itself and the evidence that underpins it. Emphasis is placed on ensuring terminology is accurate, in keeping with the language of the current day. The book is divided into six sections: Chemotherapy, Haematopoietic Stem Cell Transplantation, General Surgery, Radiotherapy, Late Effects of cancer therapies, and Palliative Care. There is a brief commentary at the end of each section/chapter by a 'novice' author but expe

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