

1. Record Nr.	UNINA9910574856203321
Autore	Kumar Vinod
Titolo	Onco-critical Care : An Evidence-based Approach / / edited by Vinod Kumar, Nishkarsh Gupta, Seema Mishra
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-9929-1
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (539 pages)
Collana	Medicine Series
Disciplina	616.99406
Soggetti	Anesthesiology Critical care medicine Oncology Palliative treatment Nursing Intensive Care Medicine Palliative Care Cancer Medicina intensiva Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Design and organization of oncocritical care unit -- ICU staffing, models, and outcomes -- General approach to cancer patients -- Communication with patient and family in ICU -- Admission and discharge in the critical care in oncology setting -- Clinical research in onco-critical care -- Predicting outcomes in onco-critical care -- Blood gas analysis and acid-base disorder -- Airway management and mechanical ventilation -- Tracheostomy: need and practice -- Sedation, analgesia, and neuromuscular paralysis in oncology ICU -- Oxygen therapy in cancer patients -- Bronchoscopy -- Point of care ultrasound in ICU -- Deep venous thrombosis and pulmonary embolism -- Catheter-related bloodstream infections (CRBSI) -- Sepsis in cancer patient -- Care of post stem cell transplant patient -- Febrile Neutropenia -- Graft versus host disease (GVHD) in critically ill

oncologic patients -- Antibiotic stewardship in oncocritical patient -- Management of fluids and electrolytes in oncocritical patient -- Transfusion therapy: when to use it and how to minimize it -- Parenteral and enteral nutrition in onco ICU -- Complications and toxicities related to cancer treatment in the ICU -- Carcinoid crisis in the intensive care unit -- Blast crisis of chronic myeloid Leukemia (CML) -- Critical care in paediatric tumours -- Haematuria in critically ill cancer patients -- Acute kidney injury and renal replacement therapy in the oncology ICU -- Neuro-oncological problems in the intensive care unit -- Mental status dysfunction in the intensive care unit: postoperative cognitive impairment -- Oncological emergencies (tumor lysis syndrome, hypercalcemia, SVC obstruction, metastatic spinal cord compression) -- Pain management in critical oncology patients -- Monitoring in postsurgical patient -- Post surgical care in head and neck cancer patients -- Critical care of hepatopancreatobiliary surgery patients -- Critical care of the thoracic surgical patient -- Post surgical critical care for HIPEC surgeries -- Critical care of mediastinal mass surgery patients -- Critical care of brain tumor surgery patients -- Palliative care in oncocritical setting -- Ethical issues at end of life care in the intensive care unit.

Sommario/riassunto

This book provides insights into the care of cancer patients in the intensive care unit in a comprehensive manner. It provides an evidence-based approach to practitioners and postgraduate students to understand about the critical care needs of the patients suffering from malignancies. It helps the readers to develop critical thinking and encourage discussion towards improving the overall care of the patients and their families as their optimal management requires expertise in oncology, critical care, and palliative medicine and there is a dearth of books explaining about the special requirements and critical care needs of cancer patients. Each chapter is prepared by an expert in the field and contains well-prepared illustrations, flowcharts and relevant images. Chapters include latest evidence-based information which is useful for the readers. The book is useful for residents, fellows and trainees in the field of onco-anaesthesia, oncocritical care, onco-surgery, critical care and anaesthesia; practitioners and consultants in anaesthesia and onco-anaesthesia as well as intensivist, critical care experts and postgraduates in nursing.
