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Nota di contenuto	Neurologic complications of alkylating agent chemotherapy / Herbert B. Newton -- Neurologic complications of antimetabolites / Ryan Merrell, Jorg Dietrich, and Tracy Batchelor -- Neurologic complications associated with plant alkaloids / Abhishek Singla, Aditya Bardia, and Vinay Chaudhry -- Neurologic complications of topoisomerase inhibitors / April F. Eichler -- Neurologic complications of epothilones and amino acid degraders / April F. Eichler -- Neurologic complications of corticosteroids / Erin M Dunbar, Rizwan Kalani, and Santosh Kesari -- Neurologic complications of immunomodulatory agents / Stuart C. Apfel -- Neurologic complications of immunosuppressive drugs / Ramani Balu and Amy A. Pruitt -- Neurologic complications associated with biologic agents / Aaron G. Mammoser and Morris D. Groves -- Neurologic complications of targeted therapy / Eudocia C. Quant ... [et al.] -- Neurologic complications of hormonal chemotherapies / Wendy Sherman Sojka and Jeffrey Raizer -- Neurologic complications associated with supportive therapies / Jan Drappatz -- Chemotherapy-

associated cognitive dysfunction / Jorg Dietrich and Alexander Pine -- Central nervous system toxicity of chemotherapy / Jerome J. Graber and Lisa M. DeAngelis -- Neurologic complications affecting peripheral nerves / Guido Cavaletti and Paola Marmiroli -- Neurologic complications affecting muscles and the neuromuscular junction / Kelly G. Gwathmey, Ted M. Burns, and Elliot L. Dimberg -- Cellular mechanisms of radiation injury to cognition / Michelle Monje -- Central nervous system complications of radiation therapy / Damien Ricard ... [et al.] -- Radiation-induced tumors / Hilary L. Somerset, B.K. Kleinschmidt-DeMasters, and Kevin O. Lillehei -- Radiation vasculopathy / Lisa R. Rogers -- Radiation myelopathy / Timothy E. Schultheiss -- Radiation-induced peripheral nerve disorders / Odysseas Kargiotis and Athanasios P. Kyritsis -- Complications of neurosurgical oncology / Brian J. Williams, Robert G. Louis, and Mark E. Shaffrey -- Neurologic complications of hematopoietic stem cell transplantation / Eudocia C. Quant and Patrick Y. Wen.

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#### Sommario/riassunto

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Neurologic side effects of cancer therapy can inhibit treatment, can be dose-limiting and can diminish quality-of-life. Neurotoxicity related to cancer therapy is a common problem in oncology practice and in clinical neurology. Recognition of neurologic complications of anticancer therapy is necessary due to potential confusion with metastatic disease, paraneoplastic syndromes or comorbid neurologic disorders that do not require reduction or discontinuation of therapy. Neurologic Complications of Cancer Therapy provides comprehensive coverage of the recognition and management of neurologic symptoms.

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