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Titolo	Atlas of lymphoscintigraphy and sentinel node mapping : a pictorial case-based approach // Giuliano Mariani ... [et al], editors ; forewords by Peter J. Ell and Giovanni Lucignani
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Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (305 p.)
Altri autori (Persone)	MarianiGiuliano
Disciplina	616.99 616.9940758
Soggetti	Lymphatics - Imaging Lymph nodes - Imaging Lymphangiography Lymph nodes - Radiography
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Anatomy and physiology of lymphatic circulation -- Pathophysiology of lymphatic circulation in different disease conditions -- Methodological aspects of lymphoscintigraphy: radiopharmaceuticals and instrumentation -- Lymphoscintigraphy for the differential diagnosis of peripheral edemas -- Lymphoscintigraphy for the characterization of intracavitary lymph effusions -- The sentinel lymph node concept in oncologic surgery -- General concepts on radioguided sentinel lymph node biopsy: preoperative imaging, intraoperative gamma-probe guidance, intraoperative imaging, multimodality imaging -- SPECT/CT image generation and criteria of interpretation for sentinel lymph node mapping -- Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in breast cancer -- Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in cutaneous melanoma -- Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in head and neck cancers -- Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in non-small-cell lung cancer --

Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in cancers of the gastrointestinal tract --
Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in cancers of the female reproductive system --
Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in cancers of the male reproductive system --
Preoperative and intraoperative lymphatic mapping for radioguided sentinel node biopsy in kidney and bladder cancers.

Sommario/riassunto

Lymphoscintigraphy is now widely applied for radioguided biopsy of the sentinel lymph node in patients with solid cancers and is considered crucial for adequate planning of oncologic surgery in a growing number of cancers. This atlas presents a collection of richly illustrated teaching cases that demonstrate the clinical relevance and impact of lymphoscintigraphy in different pathologic conditions. The principal focus is on the use of lymphoscintigraphic mapping for radioguided sentinel node biopsy in cutaneous melanoma and cancers at a range of anatomic sites. The most commonly observed lymphoscintigraphic patterns are depicted, and anatomic variants and technical pitfalls of the procedure receive careful attention. The role of tomographic multimodality imaging is also considered. This atlas will be an excellent learning tool for residents in nuclear medicine and other specialists with an interest in the field.
