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Titolo	Atlas of PET-CT Imaging in Oncology [[electronic resource]] : A Case- Based Guide to Image Interpretation / / by Tamer Özülker, Filiz Özülker
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Descrizione fisica	1 online resource (479 p.)
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Soggetti	Nuclear medicine
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	Orthopedics
	Nuclear Medicine
	Oncology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index at the end of each chapters.
Nota di contenuto	Part I Fundamentals: Normal Physiology Normal Variants and Benign Findings Incidental Findings on PET Studies Findings that should be reported on CT (or Urgent/Emergent CT Findings) Part II: Oncologic Applications Head and Neck Cancer Thyroid Cancer Brain Neoplasms Thoracic Neoplasms Breast Cancer Gastric, Esophageal and Small Bowel Cancers Pancreas Cancer Gall Bladder Carcinoma Colorectal Cancer Musculoskeletal Tumors Gynecologic Tumors Urologic Tumors Surrenal Tumors Multiple myeloma Lymphoma Melanoma Carcinoma of Unknown Primary Others.
Sommario/riassunto	This atlas is a case-based guide to the interpretation of FDG PET-CT images in clinical scenarios faced by physicians during the routine practice of oncology. The book aims to help the practitioner to overcome diagnostic dilemmas through familiarization with the physiologic distribution of FDG, normal variants, and benign findings. It includes a rich variety of atypical incidental findings which are rarely seen but may give rise to inconclusive reports. The main focus, however, is the imaging of major oncological diseases, including the

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rare ones. Different pathologies are addressed in individual chapters comprising teaching files of cases, each of which corresponds to a common indication for PET-CT imaging. These indications include metabolic characterization of lesions, detection of an unknown primary, staging, restaging, and evaluation of response to therapy. Each case is accompanied by a succinct explanation of the patient's history, interpretation of the PET-CT study, and a teaching point which is often supported by relevant literature. This book will be of great value to residents and practitioners in nuclear medicine, radiology, oncology, radiation oncology, and nuclear medicine technology.