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| Autore                  | Wu Dafang   |
| Titolo                  | Clinical Nuclear Medicine Neuroimaging : An Instructional Casebook // by Dafang Wu  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020   |
| ISBN                    | 3-030-40893-0   |
| Edizione                | [1st ed. 2020.]   |
| Descrizione fisica      | 1 online resource (394 pages)   |
| Disciplina              | 618.928047548   |
| Soggetti                | Nuclear medicine<br>Neuroradiology<br>Nuclear Medicine<br>Medicina nuclear<br>Diagnòstic per la imatge<br>Neurologia<br>Neuroradiologia<br>Llibres electrònics  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |
| Nota di contenuto       | Positive Emission Tomography (PET) in Dementia -- Single Photo Emission Computed Tomography (SPECT) in Dementia -- FDG PET Imaging of Epilepsy -- SPECT Imaging of Epilepsy -- PET imaging of brain tumors -- DaTscanNormal DaTscan -- SPECT Imaging of brain death -- SPECT imaging of Lyme Encephalopathy -- Nuclear Cisternogram -- Miscellaneous -- Self-Assessment Quiz.   |
| Sommario/riassunto      | This book serves as a casebook for clinical nuclear medicine neuroimaging. Clinical interpretation of nuclear medicine neuroimaging studies is often challenging, mainly due to the complexity of neuroanatomy and a lack of supportive reference books. This is an unmet need in many teaching hospitals. Utilizing a hands-on, case-based approach, this textbook guides readers through clinical nuclear medicine neuroimaging of major neurological diseases and conditions, including dementia, epilepsy, and brain death. Included here are basic guidelines and techniques for nuclear medicine neuroimaging |

practices, set alongside case examples that include standardized imaging display and detailed interpretation. Each chapter begins with examples of normal brain imaging as a reference point for the remainder of the chapter, which then presents detailed case examples of these diseases through various imaging techniques. Each of the cases highlights clinical and imaging key findings and precise impressions. This is an ideal guide for residents, fellows, and even practicing nuclear medicine physicians as a reference and teaching tool for neuroimaging in clinical nuclear medicine. It will be of significant value to residents, trainees, and young physicians in preparation for their in-service tests and board examinations.

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