Record Nr. UNINA9910300224903321 Neuroimaging Pharmacopoeia [[electronic resource] /] / edited by **Titolo** Daniel Thomas Ginat, Juan E. Small, Pamela Whitney Schaefer Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-12715-2 Edizione [1st ed. 2015.] 1 online resource (376 p.) Descrizione fisica Disciplina 616.0757 Soggetti Neuroradiology Pharmacology Pharmacology/Toxicology 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 at the end of each chapters and index. Nota di contenuto Anti-Tumor and Immunosuppressive Agents -- Contrast Agents --Illicit, Recreational, Abuse -- Anti-Seizure -- Hemostatic, Embolization -- Anticoagulant -- Radiopharmaceuticals -- Antibiotics --Antipsychotic, Neurodegenerative -- Electrolytes, Minerals, and Fluid Regulating Agents -- Cosmetic Fillers -- Miscellaneous -- Drug Delivery Mechanisms. This book reviews the imaging features associated with selected classes Sommario/riassunto of pharmaceuticals and drugs on brain, head and neck, and spine and explains the implications of the imaging findings for the neuroradiologist and the clinician. Some agents produce characteristic abnormalities with distinctive imaging features, while others have a spectrum of manifestations on imaging. Still further agents produce rather nonspecific changes on imaging, requiring a differential diagnosis. In this book, informative cases are depicted by rich images, with concise accompanying explanatory text that reviews the class of agent and the mechanism of action and discusses image interpretation and its significance.