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Nota di contenuto	Introduction -- General principles of X-ray contrast media -- Structure and properties of X-ray contrast media -- Degradation of iodinated X-ray contrast media -- Physiochemical properties of water-soluble contrast media -- Pharmaceutical product quality -- Pharmacological properties of contrast media -- Uses of X-ray contrast media -- Interactions -- Risk of contrast media use -- Drugs and measures for the treatment of a contrast medium reaction -- Further development of contrast media -- References.
Sommario/riassunto	This open access book is an overview on CT/X-ray contrast media designed for radiologists and other medical specialists who use contrast media in imaging and interventional procedures as well as related scientists on the use and pharmaceutical aspects of X-ray contrast media. The overall goal of this book is to provide a comprehensive overview relevant for the optimal use of x-ray contrast media covering next to the historic development, their structure and properties also practical information for handling of contrast media, and explanation of the relevant risks during use and measures for prevention and treatment of potential side effects. .