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| Titolo                  | Contrast-Enhanced Mammography // edited by Marc Lobbes, Maxine S. Jochelson   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019   |
| ISBN                    | 3-030-11063-X   |
| Edizione                | [1st ed. 2019.]   |
| Descrizione fisica      | 1 online resource (161 pages)   |
| Disciplina              | 618.1907572<br>618.190754   |
| Soggetti                | Radiology<br>Oncology<br>Gynecology<br>Imaging / Radiology<br>Oncology<br>Gynecology  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | 1 - The History of Contrast-enhanced Mammography -- 2 - The Physics of Contrast-enhanced Mammography -- 3 - Setting up a CEM Program -- 4 - Interpretation of CEM Images -- 5 - CEM Versus Breast MRI -- 6 - CEM as a Problem-solving Tool -- 7 - CEM in Screening Populations -- 8 - CEM in NAC Response Monitoring -- 9 - CEM and the ACR BI-RADS Lexicon.  |
| Sommario/riassunto      | This book is a comprehensive guide to contrast-enhanced mammography (CEM), a novel advanced mammography technique using dual-energy mammography in combination with intravenous contrast administration in order to increase the diagnostic performance of digital mammography. Readers will find helpful information on the principles of CEM and indications for the technique. Detailed attention is devoted to image interpretation, with presentation of case examples and highlighting of pitfalls and artifacts. Other topics to be addressed include the establishment of a CEM program, the comparative merits of CEM and MRI, and the roles of CEM in screening populations and |

monitoring of response to neoadjuvant chemotherapy. CEM became commercially available in 2011 and is increasingly being used in clinical practice owing to its superiority over full-field digital mammography. This book will be an ideal source of knowledge and guidance for all who wish to start using the technique or to learn more about it.

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