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| Titolo                  | Virtual colonoscopy : a practical guide // P. Lefere, S. Gryspeerdt (eds.) ; with contributions by F. Booya ... [et al.] ; foreword by A.L. Baert  |
| Pubbl/distr/stampa      | Berlin ; ; London, : Springer, c2006   |
| ISBN                    | 1-280-45937-9<br>9786610459377<br>3-540-30904-7  |
| Descrizione fisica      | 1 online resource (200 p.)   |
| Collana                 | Medical radiology  |
| Altri autori (Persone)  | LefereP (Philippe)<br>GryspeerdtS (Stefaan)<br>BooyaF (Fargol)   |
| Disciplina              | 616.3/407545   |
| Soggetti                | Colon (Anatomy) - Tomography<br>Colonoscopy  |
| Lingua di pubblicazione | Inglese  |
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| Livello bibliografico   | Monografia   |
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| Sommario/riassunto      | Virtual colonoscopy, or CT colonography, is a novel and rapidly evolving technique for the detection of tumoral lesions in the colon. It promises to be of great value as a screening tool for both colorectal cancer and its adenomatous precursor. With contributions from several leaders in the field, this book addresses all the important issues relating to virtual colonoscopy. There is a particular focus on practical aspects: how to start virtual colonoscopy in a department, the regular preparation, the importance of fecal tagging, how to reduce the preparation, how to obtain optimal colonic distension, and the correct scanning parameters. Imaging characteristics and pitfalls are considered in detail, with an extensive pictorial review of difficult lesions, and the importance of computer-aided diagnosis is discussed. This book will be invaluable to every radiologist seeking information on how to perform the exciting technique of virtual colonoscopy. |