

CT colonography : a guide for clinical practice / Thomas Mang, Wolfgang Schima

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20417609&lokasi=lokal>

Abstrak

Highly effective as a minimally invasive diagnostic and screening tool, CT colonography (CTC) is an important part of today's clinical armamentarium. In this concise, step-by-step guidebook, written by specialists who also run training courses in CT colonography, readers will find a wealth of information for everyday practice. From examination methods and image interpretation, to screening and reporting issues, to common mistakes and pitfalls to avoid, this compact book is all-inclusive, ideal for both beginners and more experienced examiners who want to deepen their knowledge of this powerful technique. Special Features: Full discussion of how to begin, including indications and contraindications, patient preparation, CT examination techniques, and patient risk profile; strategies for data analysis and clinical interpretation, including 2D and 3D applications ("virtual" visualization), polyp measurement, and computer-assisted detection of polyps; informative, point-by-point sections on clinical findings, starting with normal anatomy of the colon and moving on to common diseases, postoperative conditions, pitfalls and artifacts, and extracolonic involvement; more than 400 brilliant, fully labeled illustrations (176 in full-color), including normal CT scans and 2D and 3D reconstructions that demonstrate diagnostic criteria, possible differential diagnoses, and disease states; guidelines for standardizing reports and documenting findings; tips for setting up a virtual colonoscopy service in your clinic or practice.