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Titolo	Efficient radiology : how to optimize radiology operations // Daniel Rosenthal, Oleg Pinykh
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ISBN	3-030-53610-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVI, 232 p. 103 illus., 92 illus. in color.)
Disciplina	616.0757
Soggetti	Medical radiology - Practice Radiology Health services administration
Lingua di pubblicazione	Inglese
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Nota di contenuto	Part 1. A word about numbers -- Mining your own business -- Part 2. Ordering -- Scheduling.-Examinations, Protocols, Autoprotocols -- Arriving for the Examination -- Creating the Images.-Image Delivery -- From Images to Reports -- Part 3. Ars Longa, Vita Brevis.
Sommario/riassunto	Aiming at building efficient radiology operations, this book walks the reader through the entire radiology workflow, from the moment that the examination is requested to the reporting of findings. Using their practical experience, the authors draw attention to the many elements that can go wrong at each step, and explain how critical analysis and objective metrics can be used to fix broken processes. Readers will learn how to measure the efficiency of their workflows, where to find relevant data, and how to use it in the most productive ways. The book also addresses how data can be turned into insightful operational information to produce organizational change. All aspects of radiology operations are considered including ordering, scheduling, protocols, checking-in, image acquisition, image interpretation, communication, and billing. The closing section provides a deeper dive into the advanced tools and techniques that are used to analyze operations, including queuing theory, process mining and artificial intelligence. .

