

# Oralpathologie Mundhöhle Angrenzendes Weichteil U

Facharztwissen Mund-, Kiefer- und Gesichtschirurgie  
 Guided Endodontics  
 Modification of Radiation Response  
 Atlas of Diseases of the Jaws  
 Dynamic Computed Tomography  
 Verzeichnis lieferbarer Bücher

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## **JONAH DICKERSON**

*Facharztwissen Mund-, Kiefer- und Gesichtschirurgie* Springer  
 This superbly illustrated book provides a comprehensive overview of guided endodontics, a technology-driven, contemporary treatment approach that represents a paradigm shift in endodontics. Guided endodontics is now the proven, safe, predictable and, clinically, the most effective method for management of calcified root canals and root-end resection surgeries. This book covers detailed step-by-step digital treatment planning and the clinical application of static guides and dynamic navigation systems for, both, surgical and non-surgical endodontic treatment. In essence, this novel technology utilizes preoperative CBCT scans and intra-oral 3D scans as well as uniquely developed special software, for virtual planning of the endodontic treatment. This book delineates 3D printing, CBCT, digital impression systems, static guide designing with different software and clinical application of static and dynamic navigation in endodontics and much more. The concluding chapter addresses the future trends in 3D guidance in endodontics, in particular, and dentistry in general.  
*Guided Endodontics* Springer-Verlag

This book describes and summarizes the radiation responses of both normal and neoplastic tissues with a focus on rational strategies for the modification of these responses. Emerging data from molecular oncology and radiobiology are reviewed in depth. The book covers not only general principles of radiation-induced reactions but also a large number of preclinical and clinical data that will guide the reader through this complex and dynamic field and will provide valuable information for the development of further research projects.

**Modification of Radiation Response** Springer Nature  
 Von erfahrenen Herausgebern und Autoren konzipiert und verfasst, bietet der Band alle Fakten der Mund-, Kiefer- und Gesichtschirurgie – fachlich fundiert und trotzdem auf das Wesentliche reduziert. Behandelt werden u. a. Frakturen, Kiefergelenkserkrankungen, Kieferfehlstellungen sowie Implantologie, Tumorbehandlungen, Bildgebung, Notfälle und Differenzialdiagnosen. Komplexe Sachverhalte sind zusätzlich in Schemata und Flussdiagrammen dargestellt. Für das Fachbuch wurden sowohl aktuelle Literatur als auch geltende Leitlinien berücksichtigt.

*Atlas of Diseases of the Jaws* Munksgaard

The authors present their experience in more than seven years of dynamic computed tomography in clinical practice. Time density curves and characteristic examples in specific regions of interest enrich the presentation. Dynamic computed tomography makes

an important contribution to the diagnosis and evaluation of a pathologic process: the demonstration of the dynamics of blood flow within the lesion and surrounding normal tissue. Since both the lesion itself and adjacent normal tissue demonstrate characteristic findings in each circulatory phase, the study provides a large amount of data on the flow of blood and contrast material which facilitate both recognition and differentiation of a lesion. Late studies following administration of a contrast agent allow an estimate of the passage of the contrast medium to the interstitium, which is of diagnostic importance. Chapters dealing with specific clinical entities also contain useful information on the most appropriate means of contrast agent administration (bolus injection or infusion) as well as a discussion of indications for the procedure. Dynamic computed tomography represents a significant advance over conventional computed tomography in some situations, and this signifies a major contribution to the diagnostic capabilities of the clinical radiologist. The authors are to be commended for the fact that they have clearly defined the limits of dynamic computed tomography. I hope that the first English language edition, following the appearance of the German version in 1983, will be well received.

*Dynamic Computed Tomography* Springer Science & Business Media

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