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## Book information

**Authors:** Giovanna Perrotti / Tiziano Testori / Massimiliano Politi

**Title:** 3D Imaging and Dentistry

**Subtitle:** From Multiplanar Cephalometry to Guided Navigation in Implantology

#### Short text:

For those who are finding the transition from 2D radiography to 3D CBCT confusing, this text explains the use of volumetric imaging in clinical practice and details the indications for its use in every field of dentistry. Ample direction is given on proper image processing and how to read CBCT scans, including a comprehensive anatomical atlas. In addition, the authors explain how to compile volumetric 3D reconstructions and use them in computer simulation to explain surgical phases. The authors focus on topics of greatest clinical interest, including cephalometric diagnostics and a novel approach to esthetic analysis, analysis of the anatomical airway for sleep apnea, a comprehensive review of the maxillary sinus and the clinical surgeries related to it, and treatment planning for guided implant surgery.

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**Categories:** [Interdisciplinary, Implantology, Radiology and Photography, General Dentistry](#)