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#### Quintessenza Edizioni S.r.l.

Via C. Menotti 65  
20017 Passirana di Rho (Milano)  
Italy

+39 (0)2 / 931 82 264

+39 (0)2 / 931 86 159

info@quintessenzaedizioni.it

<http://www.quintessenzaedizioni.it>

## 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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**Co-Authors:** Francesca Bianchi • Massimo del Fabbro • Giulia Ferrara • Silvia Ferrario • Luca Fumagalli • Fabio Galli • Francesco Grecchi • Giuliana Lorè • Mario Mantovani • Joanna Katarzyna Nowakowska • Andrea Parenti • Lorenzo Pignataro • Grazia Pozzi • Marco Scarpelli • Silvio Tascheri • Alberto Zerbi

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