

BOOK REVIEWS

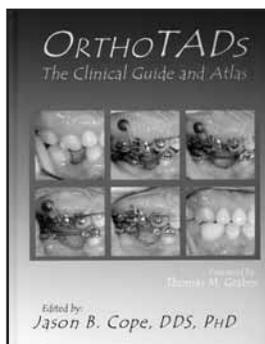
ORTHOTADS: THE CLINICAL GUIDE AND ATLAS

Jason B. Cope, DDS, PHD, Editor

537 pages. \$289. 2007.

Under Dog Media, Dallas;

www.orthotads.com



Since the concept of anchorage was first employed in orthodontic tooth movement, there have been many advances in the understanding and application of

removable, extradental appliances for anchorage reinforcement. This excellent, state-of-the-art textbook (which can be ordered only online) addresses the uses, biological principles, and clinical advantages of temporary anchorage devices (TADs). It is intended not only for orthodontists and oral surgeons who are unfamiliar with TADs, but also for experienced clinicians who want to improve their skills.

Dr. Cope's aim is to provide all the scientific and clinical data needed to understand the major available TAD systems. The 21 easy-to-read chapters are all richly illustrated with color photographs and drawings. Chapter 1 focuses upon the historical development and evolution of TADs. Chapters 2-4 deal with the mechanisms of bone adaptation and response to miniscrew loading, using finite element analysis.

Chapters 5 and 6 describe in detail the treatment planning and biomechanics of TADs. Intraoral hard- and soft-tissue factors are examined in Chapter 7, while Chapter 8 covers the potential complications associated with TADs. Chapters 9-17 offer a thorough analysis of each TAD system, written by the respective implant developers. The last section includes more than 40 extensively illustrated case reports of various clinical situations.

Overall, this is a beautifully presented atlas for practical use, clearly demonstrating the surgical and biomechanical techniques that are routinely needed in the orthodontic application of skeletal anchorage.

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