All-Ceramics at a Glance

Authors: Dr Ariel J. Raigrodski & Dr Howard E. Strassler, USA

Up until a few years ago, the most commonly used materials for tooth restorations were metal-based. For some time now, however, dentists and patients alike have been requesting all-ceramics restorations as an alternative, because they are metal free, corrosion resistant, aesthetic, chemically inert and thus highly biocompatible. In terms of durability and in some clinical situations, all-ceramic crowns can perform as well as the ‘gold standard’ metal-based restorations provided they are used for the right indications. All-ceramic restorations, due to the use of the current dental bonding technologies, offer dentists the option to conserve tooth structure while providing highly aesthetic therapy solutions. It’s no wonder that the trend towards all-ceramic restorations is growing rapidly, and that all-ceramics can often substitute for metal in many clinical scenarios.

The use of all-ceramics for inlays, onlays, partial crowns, veneers, fixed partial dentures, implant abutments and superstructures, places special demands on material selection, preparation design, fabrication and insertion and cementation. To ensure that the use of all-ceramic restorations in both teaching and practice is supported by a solid clinical and technical foundation, two experienced and well respected experts and educators on dental ceramics in collaboration with German co-authors and the Society for Dental Ceramics and produced a ceramics manual for the professional community as well as the international dental market. Led by Dr Ariel J. Raigrodski, University of Washington, Seattle, and Dr Howard E. Strassler, University of Maryland, Baltimore, All-Ceramics at a Glance has now been published. The manual is a practice-oriented guide to ceramic materials and CAD/CAM systems. The clinical application of all-ceramics in restorative and prosthetic dentistry is described concisely and illustrated richly. The German edition of this manual has already established itself as a bestseller.

This vade mecum of all-ceramic restoration consolidates international specialist knowledge, and—thanks to the authors’ years of experience—gives the clinical methodology a common denominator. This book is geared not only towards opinion leaders, university and college instructors, and scientists with obligations to teaching, research, continuing education, journalism, but also towards dental clinicians and practitioners who will find a platform to define the quality standards of dentistry with all-ceramics._

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