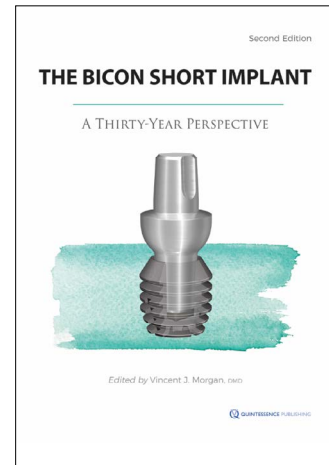


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The Bicon Short Implant A Thirty-Year Perspective

Editor: Vincent J. Morgan
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Thomas Driskell's Bicon dental implant design has proven to be effective due to the prosthetic restorations performed on this model over a period of more than 30 years. Additionally, the success of this design has been recognized by various dental implant manufacturers in Asia and Europe who have "assimilated" the design. Dr. Vincent J. Morgan has compiled a presentation of the Bicon system for a period of over 30 years which he called *The Bicon Short Implant*. In this book, the editor as well as 47 of the most experienced contributors describe their experience in using Bicon implants. The book is divided into 20 chapters with an index.

After a brief presentation of the history of dental implants we are presented with the Bicon system and the characteristics of implant-abutment prosthetic systems. Updating the data on the biological response to dental implants are updated so as to support the understanding of the engineering aspects of Bicon implants and the influence of the implant-abutment interface on peri-implant health.

In order to assess the performance of short implants, the five-year clinical experience of a novice Bicon clinician is analyzed (different locations of mandibular or molar application), compared with radiographic studies for 15 years and longer, concluding that short implants can solve many clinical situations, remaining a reliable and predictable solution over time.

Treatment planning and surgical protocols for this type of implant are described in detail, and then suggestive examples are given for different placement. To better understand the surgical techniques that aid oral implantology, the sinus lift techniques (internal, crestal window, lateral), the ridge splitting and the split-thickness flap are clearly described and illustrated suggestively. Also, the surgical techniques to approach atrophic ridges, as well as the maxillary and mandibular approach are given a detailed presentation supported by explicit iconography.

The factors that can affect the bone levels in short implant restorations are analyzed by exploring the limits of tolerable forces regarding crown-to-implant ratios (CIRs), excessive loading, bone gain or loss, abutment design and NSAIDs.

The clinical capabilities of the Bicon system in different compromised bone and soft tissues are exemplified in ameloblastoma, epidermolysis bullosa, type 2 diabetes mellitus, bone marrow transplantation, denosumab, bisphosphonate therapy, bilateral cleft palate, mandibular squamous cell carcinoma, irradiated bone, and bone voids. In addition to the incursion into the possibilities of restorations on short implants, we are offered a synthesis of the materials and techniques used in bone regeneration.

Dr. Vincent J. Morgan's book, *The Bicon Short Implant* is a compelling plea addressed to all clinicians and dental technicians who wish to provide patients with clinically limited situations the opportunity for a simple, predictable and effective dental implant system.

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The Books Review is drafted in the reviewer's sole wording and illustrates his opinions.