

# OT Equator and Smart Box

## Removable attachment system works even with bone loss

Rhein83, which produces attachments for removable prosthesis, describes its OT EQUATOR as being the smallest dimensional attachment system on the market. The system employs a reduced vertical profile of 2.1 mm with a 4.4 mm diameter. According to the company, the attachment is compatible with all implant systems and brands and provides superior stability and retention for the prosthesis.

Features include:

- The smallest dimensional implant abutment available on the market.
- Manufactured to be compatible with all implant brands and platforms.
- Available in eight different gingival heights.
- Titanium coating procedure used to increase the attachment's hardness and durability.
- Variety of elastic retentive caps available.
- Smart Box system now available to enable corrections of more than 50 degrees in implant divergence.
- Single castable and threaded titanium attachment systems available.
- Customized ordering based on implant brand, diameter and gingival height.
- ISO 9001 – ISO 13485 valid certificates.
- Patent validated by FDA, CE, Russia, Canada, Japan, Korea and other countries.

For additional information, you can visit [www.rhein83.com](http://www.rhein83.com), send an email to [marketing@rhein83.it](mailto:marketing@rhein83.it) or telephone internationally at 003 (905) 124-4510.

### Smart Box

Rhein83 also has developed Smart Box, which can be used with the OT Equator in cases of extreme divergencies between the implants. The Smart Box has an inner tilting mechanism that enables a passive insertion with divergent implants up to 50 degrees.

### An expert's opinion

Roberto Scarscia, DDS, is a prosthodontist specializing in bone regenerative surgery. He has written numerous clinical articles for publications in Italy and throughout the world ([Roberto.scarscia@gmail.com](mailto:Roberto.scarscia@gmail.com)). Following are his comments about his use of the OT Equator attachment system and the Smart Box:

*In the implant prosthetic rehabilitation with an overdenture, the choice of the retentive systems is a crucial moment; it is fundamental to analyze and evaluate carefully the options provided by the market in order to avoid problems that may occur at an early stage or during the treatment.*

*Before the Smart Box, there was little chance (of being able to take advantage of the) performances of the OT Equator when there were severe divergences of the implants due to the lack of bone because of resorption in the jaws of older patients. In situations like these, a low-profile attachment is often the preferable solution, because it provides good stability and all the space for an esthetic denture.*

*Thanks to the innovative and original*

*mechanism of the Smart Box, we can extend the limit of usability of the OT Equator attachment without losing any of its performances and qualities.*

*The Smart Box, with its tilting mechanism, allows and facilitates the smooth insertion of the prosthesis, a positive feature of the OT Equator by Rhein83. Smart Box is a new product that provides us a good opportunity to enhance the solutions we can offer to our patients in our everyday work.*

(Source: Rhein83)



The Rhein83 OT Equator and Smart Box attachment system. Photo/ Provided by Rhein83

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