LIVE SURGERY SEMINAR

THE INTERPOSITIONAL BONE BLOCK TECHNIQUE IN THE TREATMENT OF THE ATROPHIC POSTERIOR MANDIBLE

COMO

15th 16th November 2019

Dr Pietro Felice

ABSTRACT

The rehabilitation of the partially edentulous posterior mandible is a common clinical problem. The ideal solution would be an implant-supported fixed prosthesis. The main obstacle associated with this treatment option is the lack of sufficient bone height. As a consequence the ideal approach would be to augment bone vertically in a predictable and successful way. A possible approach is to use an interpositional bone graft. Horizontal osteotomy with the interposition of bone in the form of a "sandwich" involves raising a coronal osteotomised segment of the mandible, which is still attached to the lingual periosteum, and interpositioning of a bone block graft. This technique offers the advantage of guaranteeing a greater vascular supply, coming from the lingual periosteum and from the residual bone, to the inlay graft; it also allows optimum use of the native basal bone, which should be less prone to resorption. Frequently, the interpositional technique was associated with autologous bone harvesting which involves discomfort and post-surgical morbidity, however data suggest that heterologous bone blocks in the inlay technique are similar in results to autogenous bone blocks. The use of heterologous bone blocks allows avoiding grafting from the iliac crest related with significant patient discomfort, postoperative morbidity and complications. Hence, the interpositional technique in the posterior atrophic mandible rehabilitation can be considered a reliable solution that allows an increase in bone height sufficient for implant placement quite stable over time avoiding autogenous bone harvesting.

WHAT WILL YOU LEARN?

The first day of the course consists in a lecture on the interpositional bone block technique focusing on indications, surgical technique (incision, osteotomy lines, vertical bone segment raising, bone block positioning, fixation and sutures). Advantages, disadvantages and comparisons with other augmentation techniques will be taken into consideration together with the current scientific evidence coming from the literature. Surgical videos will be shown to better explain the technique.

During the second day of the course, participants will have the chance to assist to an interactive step-by-step live surgery on patient and to participate to a hands-on session on porcine mandible model to become familiar with the technique.

LakeComo Institute
Advanced Implant Training Center

VENUE

Lake Como Institute
Advanced Implant Training Center,
Via Rubini, 22 - 22100 Como, Italy

Phone +39 031 2759092
Fax +39 031 243027

COST

3.000 € (VAT included)

Lunch and Social Dinner included

CANCELLATIONS

90% reimbursement before August 31st

70% reimbursement after August 31st

No reimbursement after October 31st

COURSE MANAGEMENT OFFICE

Tecnoss Dental srl

Phone +39 011 2257392
Fax +39 011 2257398

E-mail edu@tecnoss-dental.com

RECOMMENDED HOTELS

Hotel Terminus ****
Lungo Lario Trieste, 14 | Como
Phone +39 031 329111

Hotel Metropole & Suisse ****
Piazza Cavour, 19 | Como
Phone +39 031 269444

Albergo Le Due Corti ****
Piazza Vittoria,15 | Como
Phone +39 031 328111

HOW TO GET TO COMO

Airport | Milan Malpensa
Train | Como San Giovanni
Car | A9 from Milan
E35 from Lugano

In collaboration with

OsteoBiol® by Tecnoss

BONE BLOCK TECHNIQUE

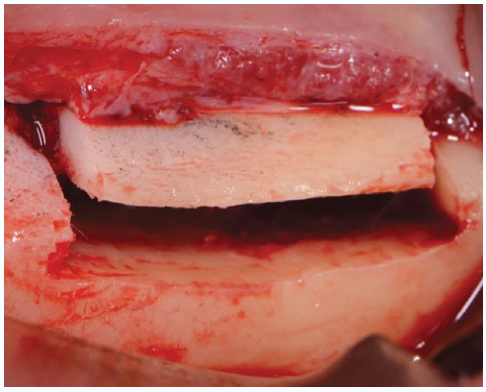

Fig. 1 Horizontal and vertical osteotomies in order to vertically lift the mandibular bone segment

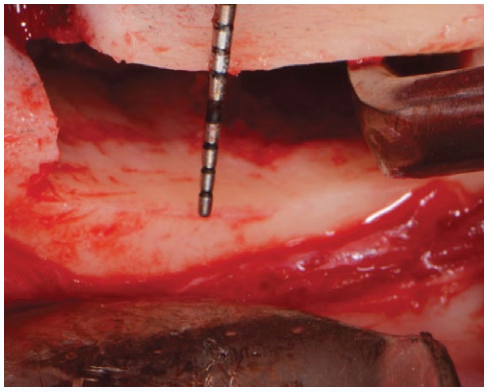

Fig. 2 Mandibular bone segment raising

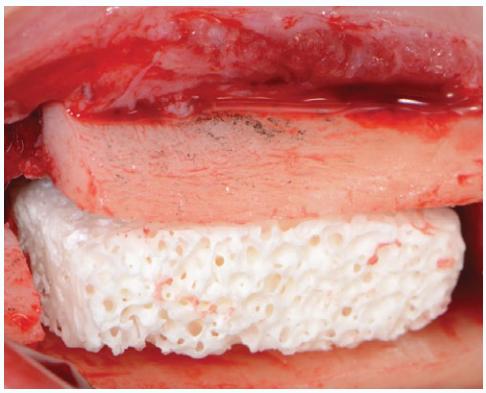

Fig. 3 OsteoBiol® *Sp-Block* in place

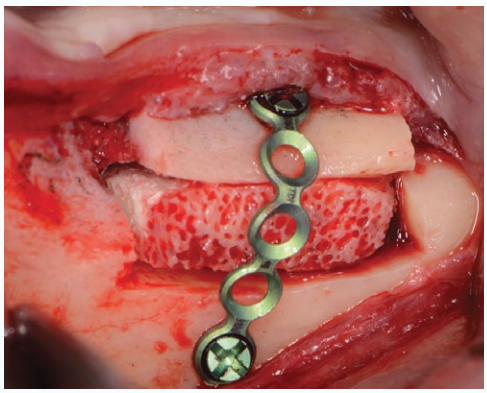

Fig. 4 Stabilisation of the OsteoBiol® *Sp-Block* with a titanium miniplaque and miniscrews

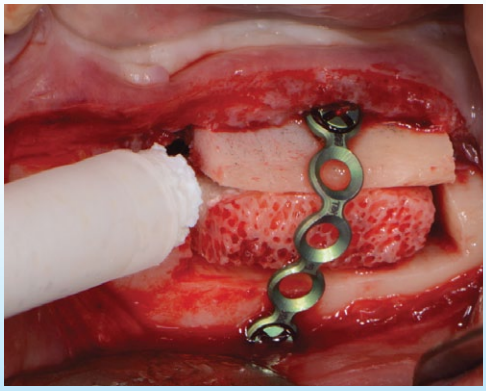

Fig. 5 OsteoBiol® *mp3*® to fill the residual gaps

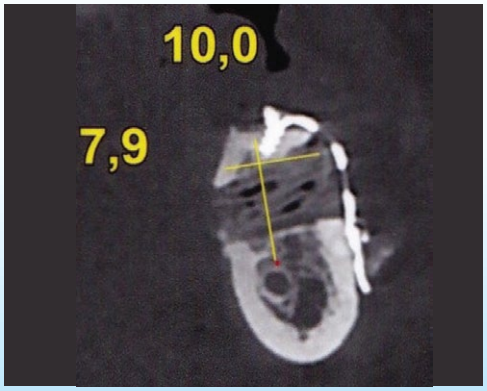

Fig. 6 CBCT showing the vertical bone gain

Documentation provided by:
Dr **Pietro Felice** Bologna, Italy

LIVE SEMINAR

Dr Pietro Felice

Dr Pietro Felice graduated in Dentistry and subsequently in Medicine at the University of Bologna. He completed his research doctorate in Dermatological, Maxillofacial and Plastic Reconstructive Sciences. He is currently Assistant Professor of Dental Sciences at Bologna University lecturing in Implant Surgery in the Degree Course in Dentistry and Dental Prostheses.
Dr Felice has published many articles in international peer-reviewed journals and serves on the editorial board of specialist international journals and on the Cochrane Collaboration.
He is a member of leading Italian and international associations of implantology and dental surgery.

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BONE SUBSTITUTE
OsteoBiol® *Sp-Block*
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SCHEDULE

Friday 15th November 2019

09,00-11,00 Interpositional bone block technique: Part 1

11,00-13,00 Interpositional bone block technique: Part 2

13,00-13,30 Discussion

13,30-14,00 Lunch

15,00-17,00 Live surgery

17,00-18,30 Discussion

Saturday 16th November 2019

09,00-13,00 Hands-on workshop

13,00-13,30 Discussion

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