

SPOTLIGHT

SWALLOW NEWS

Autumn 2022

In this edition...

TRUE HOST BONE
REGENERATION

TENTING
TECHNIQUE

OXYGEN FOR
HEALING

IMPLANT
OSSEOINTEGRATION



 SWALLOW

TRUE HOST BONE
REGENERATIONTENTING
TECHNIQUEOXYGEN FOR
HEALINGIMPLANT
OSSEOINTEGRATIONethOss® **Grow
Stronger®****GROW STRONG
BONE FASTER**

Proven to grow 50% new bone in just 12 weeks. EthOss® works with the body's healing process by creating a calcium-rich environment and is completely absorbed.



50% New Bone in 12 Weeks

Socket Graft Case Study by Dr Minas Leventis

Procedure:



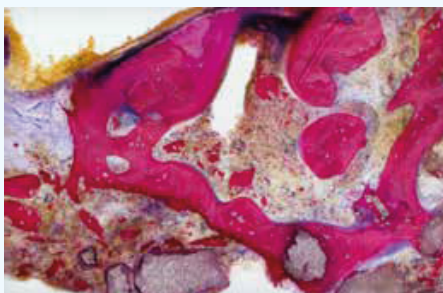
- 1** Fractured tooth extracted "atraumatically" under local anaesthesia



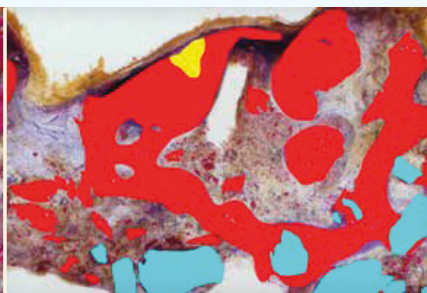
- 2** Socket grafted with EthOss® and covered with hemostatic collagen sponge, no primary closure



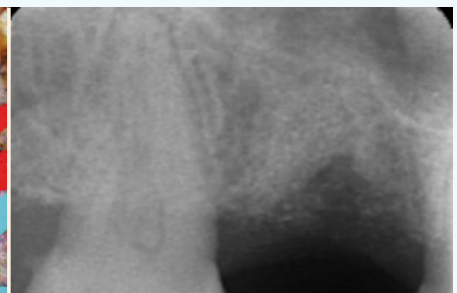
- 3** Re-entry at 12 weeks



- 4** Histomorphometric analysis from 12-week biopsy from University of Freiburg.



- 5** Newly-formed vital bone: 48.12%, residual EthOss® particles: 8.11%



- 6** 12 weeks post-op

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TESTIMONIALS



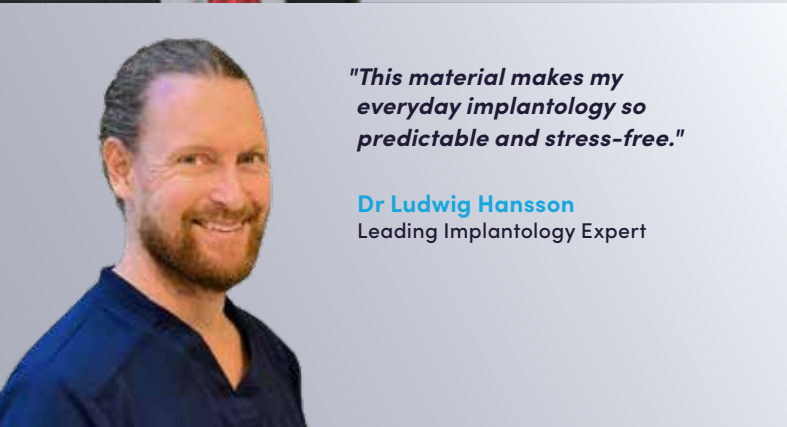
"The superior handling combined with excellent clinical results means that for me, EthOss® is a must."

Dr Wasim Fazel
UK



"I'm delighted to have discovered EthOss® - it gives consistent & predictable results, is easy to handle and turns over to new bone quickly."

Dr Nicolas Widmer
Switzerland



"This material makes my everyday implantology so predictable and stress-free."

Dr Ludwig Hansson
Leading Implantology Expert



"Certainly one of the key drivers for how my implant practice has progressed over the years. A stunning concept executed exceptionally well by folk who 'get it'."

Dr Dominic O'Hooley
BDS, MFDS RCS, MFDS RCPS



"The clinical properties of EthOss® make it a highly desirable grafting material, providing modern bone regeneration system."

Dr Verena Toedtling
Leading Implantology Expert



"EthOss® is the ideal bone grafting material. The calcium sulphate component not only removes the need for a membrane, but it has bacteriostatic properties which minimise infections."

Dr Costa Nicolopoulos
UAE



"EthOss® has simplified my bone augmentation procedures. Easy handling, very stable and predictable reproducible results. I can't operate without it."

Dr Peter Bouboulos
Australia



"EthOss® combines mechanical integrity with predictable biologic results – it is a pleasure to use it in my daily practice."

Dr H.L. Tan
Malaysia

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Focus on Sinus Augmentation

Case Study by Dr Peter Fairbairn

Patient details: Gender - Female Age - 56

Procedure:



1 Lateral window



2 Osteotomy prepared and EthOss® placed in sinus. As the implant is placed, material is forced out the lateral window



3 Implant placed



4 Additional grafting with a drier mix of EthOss® to seal the lateral window



5 Lateral window



6 Implant placed following graft through the lateral window



7 10 weeks post-op - ready to load



8 10 weeks post-op - ready to load



9 Screw retained crown



10 Loaded



11 Loaded 2 months

**Procedure
details...**

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Sinus Augmentation Case Study

Procedure Details

UL6 was extracted several years ago and led to subsequent resorption and remodelling of the bone, including heavy pneumatization from the sinus. Scans showed only 2.5mm of residual host bone, therefore a lateral window (DASK) sinus augmentation was performed with simultaneous implant placement. The sinus augmentation was performed with EthOss® which was also used to seal the lateral window. In total, 1cc of EthOss® was used.

This case has now been loaded for 2 years and clearly demonstrates the benefits of using resorbable graft materials such as EthOss® in the sinus. The bone has matured and will continue to improve over time, with the implant hosted in regenerated patient bone without any long-term remnant graft particles. As is usual with EthOss®, the soft and hard tissue response is excellent.

TRUSTED MATERIALS, INNOVATIVE COMBINATION

EthOss® is a combination of 65% β -Tricalcium Phosphate and 35% Calcium Sulphate. This innovative combination is key to its' success. The unique combination of these two materials gives EthOss® significant benefits – regenerating host bone quickly (human biopsies show 50% new bone at 12 weeks) and without the need for a separate collagen membrane.

TECHNICAL SPECIFICATIONS

COMPOSITION	65% β -Tricalcium Phosphate, (β -TCP) $\text{Ca}_3(\text{PO}_4)_2$, 35% Calcium Sulphate CaSO_4
RESORPTION TIME	Typically 50% new bone at 12 weeks. Full resorption usually over following 6-12 months
MIXING AGENT	Standard sterile saline (0.9% Sodium Chloride) only
RECOMMENDED RE-ENTRY TIME	12 weeks
UNITS AVAILABLE	3 x 0.25cc , 3 x 0.5cc, 3 x 1cc

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Focus on Alternative Techniques

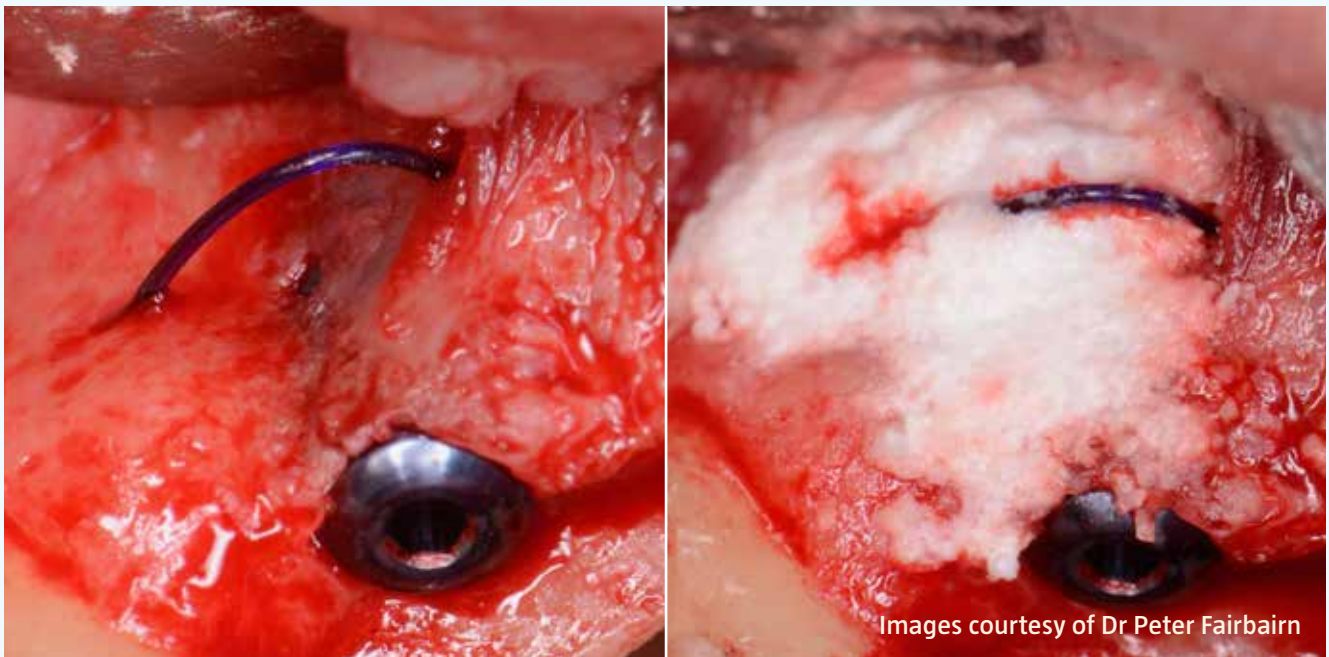
Stability without membranes – an interesting tenting procedure for bone regeneration using a novel biomaterial

In this issue, we look at a tenting procedure using 2-0 PDS sutures, which is gaining ground in the field of implantology.

First introduced by Dr Michael Ainsworth (BDS) and published in EDI Journal in 2019, it is now becoming common practice among forward-thinking surgeons looking to create tenting in a simple and reliable way without the need for second-stage surgery.

"Published over 10 years ago in Italy, and introduced to me by Dr Michael Ainsworth, this is a simple way of tenting with a resorbable material so we do not need secondary surgery. It is a very clever technique – by just placing a little dome suture, it gives us incredible stability – but a nice even stability, rather than a screw head. I think it is more biocompatible and much easier for the patient as we are just making two little pinholes."

Dr Peter Fairbairn



Images courtesy of Dr Peter Fairbairn



Ethicon PDS* II
Suture 2/0
Monofilament
absorbable
W9219T,
Pack of 24

£99.33+VAT



Scan me

* Disclaimer: As the use of sutures for tenting is outside the manufacturers scope of usage, we cannot recommend their use in this way. We are simply showcasing case studies by dental health professionals.

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WEBINAR

Stability Without Membranes:
'Dome Device' technique for larger
bone defects



Stability Without Membranes

To find out more about this technique, we recommend the webinar *“Stability without membranes: ‘Dome Device’ technique for larger bone defects”* by Dr Mike Ainsworth

info.ethoss.dental/stability-without-membranes-dome-device-technique

In this webinar, Dr Mike Ainsworth discusses this exciting technique, utilising EthOss® bone graft material and a ‘dome device’ to create a stable graft without a collagen membrane, even in larger defects.

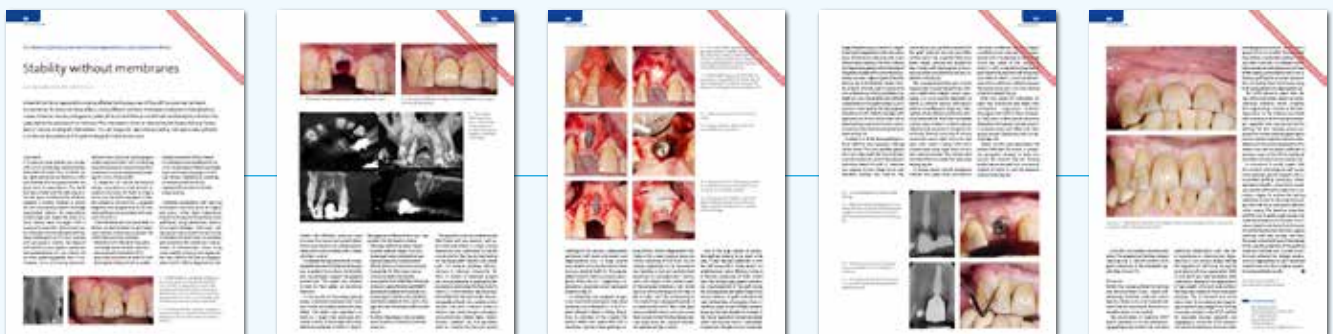
Created using short lengths of resorbable sutures, the ‘dome device’ helps to reliably prevent soft tissue pressure from disturbing the graft, whilst still being fully replaced by patient host bone.

The discussion includes:

- Overview of published research outlining the ‘dome device’ technique and its potential to increase stability
- Clinical challenges (and potential solutions) in creating the ‘dome device’
- Case studies discussing using the technique in practice

Dr Ainsworth also published in the European Journal for Dental Implantologists (Issue 1/19) demonstrating this technique – the paper can be viewed here:

ethoss.dental/wp-content/uploads/2019/07/edi_01_19_cs_ainsworth_ethoss.pdf



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GROW STRONGER

WITH TRUE HOST BONE
REGENERATION

Developed by a Dentist, For Dentists

EthOss® helps patients grow back their bone fast, with no graft particles left behind.

"From the start, EthOss® was developed with the needs of dentists in mind. It goes beyond grafts and artificial scaffolds to deliver true host bone regeneration. EthOss® is proven to grow new bone faster, with low reported pain. Since its launch in 2015, its popularity among dentists and patients has grown just as fast, fuelled by our online Growth Academy. Designed and developed by clinicians in the UK, EthOss® is available worldwide."



Peter Fairbairn (BDS)

30+ years' experience placing dental implants. Peter is visiting Professor at the University of Detroit Mercy School of Dentistry (Mi., USA) and Director of Education of the Association of Dental Implantology (UK) as well as past president of the London Dental Fellowship.

Paul Harrison (PhD, MBA, BSC)

Highly experienced dental product design specialist. Following a short career in academia at the University of Leeds, Paul started an independent advanced materials consultancy firm. His fascination for bone growth grew from there.



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COMMUNITY

EthOss® users are supported
by a global community

CASE STUDIES

FACEBOOK

Grow Your Community

A place to post and discuss your EthOss® case studies with a community of dental implantologists and experienced bone grafting professionals.

facebook.com/groups/712356385532991



MENTOR

NETWORK

Grow Your Expertise

Whether you're new to EthOss®, or you've championed true host bone regeneration from the beginning, the mentor scheme is here to help you grow your network, and your grasp.

ethoss.dental/mentors

EDUCATIONAL WEBINARS

Grow Your Understanding

The more you know, the more you can grow. The latest EthOss® webinars will help you advance your practice in true host bone regeneration.

ethoss.dental/webinars

ON-DEMAND ACADEMY TRAINING

Grow Your Knowledge

Your dental implant training platform for bone grafting techniques: A full selection of completely free, on-demand videos. To unlock this invaluable training resource visit:

info.ethoss.dental/ethoss-on-demand-training-0

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Focus on Sutures

Resorba Sutures – cost saving without compromising on quality.
Interested in saving on your everyday costs? Our customers save 20% on average by switching to Resorba.



With a complete range of suture materials and needles, Resorba has a direct alternative to all your current sutures. Speak to one of our team and find out how much you could save.

- Full range of materials: resorbable, non-resorbable, monofilament, braided
- High-quality German manufactured
- Money-back guarantee



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ETHICON vs RESORBA

<p>ETHICON</p> <p>Absorbable Vicryl</p> <ul style="list-style-type: none"> Absorbable 56-70 days 50% tensile strength at 21 days Available in 6/0, 5/0, 4/0, 3/0  <p>W9386-4/0</p> <p>£2.92+VAT per suture</p>	<p>RESORBA</p> <p>Absorbable PGA</p> <ul style="list-style-type: none"> Absorbable 56-70 days 50% tensile strength at 14-21 days Available in 6/0, 5/0, 4/0, 3/0  <p>PA11418-4/0</p> <p>£2.28+VAT per suture</p>	<p>ETHICON</p> <p>Absorbable Vicryl Rapide</p> <ul style="list-style-type: none"> Absorbable 42 days 50% tensile strength at 5 days Available in 6/0, 5/0, 4/0, 3/0  <p>W9930-4/0</p> <p>£4.26+VAT per suture</p>	<p>RESORBA</p> <p>Absorbable Resoquick</p> <ul style="list-style-type: none"> Absorbable 42 days 50% tensile strength at 7 days Available in 6/0, 5/0, 4/0, 3/0  <p>PR31410-4/0</p> <p>£2.99+VAT per suture</p>
<p>ETHICON</p> <p>Absorbable Monocryl</p> <ul style="list-style-type: none"> 50% tensile strength at 7-9 days Monofilament Available in 6/0, 5/0, 4/0, 3/0  <p>W3205-4/0</p> <p>£4.81+VAT per suture</p>	<p>RESORBA</p> <p>Absorbable Glycolon</p> <ul style="list-style-type: none"> 50% tensile strength at 7-9 days Monofilament Available in 6/0, 5/0, 4/0, 3/0  <p>PB41510-4/0</p> <p>£4.01+VAT per suture</p>	<p>ETHICON</p> <p>Non-Absorbable Prolene</p> <ul style="list-style-type: none"> Non-absorbable Monofilament Available in 7/0, 6/0, 5/0, 4/0  <p>EH7764H-4/0</p> <p>£3.48+VAT per suture</p>	<p>RESORBA</p> <p>Non-Absorbable Moplyen</p> <ul style="list-style-type: none"> Non-absorbable Monofilament Available in 7/0, 6/0, 5/0, 4/0  <p>PS71511-4/0</p> <p>£2.95+VAT per suture</p>

SAVE WITH RESORBA

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Focus on blue[®]m

A New Standard in Oral Care

The mouth is the window to our overall health.

blue[®]m aims to elevate health and well-being through oral care with effective, body-friendly alternatives and clinically validated oral care essentials. It is their mission to support and improve health on a global scale.



Products containing systemic antibiotics and adjunctive drugs are known to cause adverse side effects. The active ingredients in blue[®]m do not pose a threat of side effects.



Kanchana Chathoth, PhD
blue[®]m poster contest finalist



I really believe that blue[®]m helps me achieve better healing in complex and demanding aesthetic zones.



Dárcio Fonseca, DDS
blue[®]m poster contest finalist



I use blue[®]m because I have observed faster post-operative wound healing as well as improved biofilm control. For me, there are no products that compare to blue[®]m Oral Gel.



Dr Carlos Stutz
blue[®]m poster contest finalist



As a surgeon, I have more confidence in my results, even with complex cases, with the use of oxygen within blue[®]m products.



Dr. Rafael Block Veras
blue[®]m poster contest finalist

blue[®]m Poster Contest 2022

blue[®]m offered dental professionals the opportunity to contribute to the scientific evidence of their products.

All the participants of the blue[®]m Poster Contest made a scientific research report or clinical case report on poster format (e-Poster). The blue[®]m board selected the five finalists of the Poster Contest, and the papers are now available to view online.



WINNING CASES

DOWNLOAD FOR FREE

bluemcare.com/whitepaper-cases-poster-contest/

blue[®]m oxygen based
oral science

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blue[®]m Patient Packs

Designed for all Clinical Situations

blue[®]m Patient Packs can be included as part of your treatment price and given to patients to continue their care at home. Choose from one of our pre-made packs, or build your own; the choice is yours.

Example Kits:

Post Implant Care Kit **£28.38** +VAT

- Toothpaste • Mouthwash • Oral Gel • 3x2 5ml Syringe with tip • Ultra Soft Toothbrush • Wash Bag



Perio Care Kit **£27.01** +VAT

- Toothpaste • Mouthwash • Oral Gel
- Day-2-Day Toothbrush • Wash Bag



Chemo Care Kit **£35.93** +VAT

- Toothpaste • Oxygen Fluid • Oral Gel
- Ultra Soft Toothbrush • Wash Bag



Ortho Care Kit **£30.63** +VAT

- Toothpaste • Oral Gel • Oral Foam
- Day-2-Day Toothbrush • Wash Bag



Prices include 15% discount.

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Focus on Implant Osseointegration

Penguin^{RFA}



When to Load?

Reduce treatment time safely, with complete confidence in the stability of your implants.



Re-usable MultiPegs™

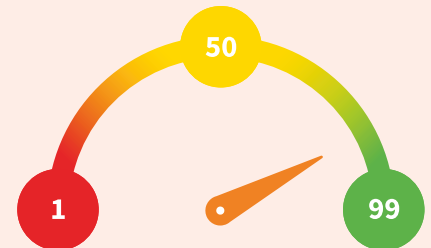
Made from titanium with sealed magnets, the reusable pegs are now available for almost all dental implant systems.

Recommended for 20 uses, they are much more economical and environmentally friendly than other single use systems.



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Peace of Mind...



The ISQ scale is measured from 1 to 99 and correlates strongly to implant micro mobility. By taking a baseline value at implant placement and another before loading, the degree of osseointegration can be measured.

Universal ISQ Reading

Just mount the MultiTipeg™, aim for the top and the universally recognised ISQ value will be displayed in less than a second. Values above 70 mean high stability and are typically recommended for single implant cases, 1-Stage or immediate loading.

Quick and Easy to Start Using

The Penguin^{RFA} Instrument Kit includes the monitor, charger, manual and a MultiTipeg Driver.

Autoclavable MultiPegs are bought separately depending on the implant system.



£1,500+VAT

Special Offer:

4 Free MultiPegs worth £104 when you quote "SPOTLIGHT".
Valid until 30 Nov 2022.

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Focus on Events

UPCOMING EVENTS

Quicksleeper Introductory Workshops

17 September – St Neots, Cambridgeshire

8 October – Warrington, Cheshire

12 November – Bracknell, Berkshire

14 January 2023 – Leeds, Yorkshire

BSP Annual Conference

14-15 October – Bedfordshire

BAOS Annual Conference

3-4 November – Edinburgh

British Endodontic Society Event

18-19 November – Cardiff

BSDHT Oral Health Conference

25-26 November – Manchester

Bone Regeneration: New Techniques and New Protocols for a New Future

10-December – Twickenham

Please keep an eye on our website for future dates

