

IMPLANT DENTISTRY

TODAY

July 2016
Vol 10 Issue 4



Osseodensification: a new approach to bone?

Jason Buglass explains a novel technique that could provide another solution in cases where bone quality poses a problem



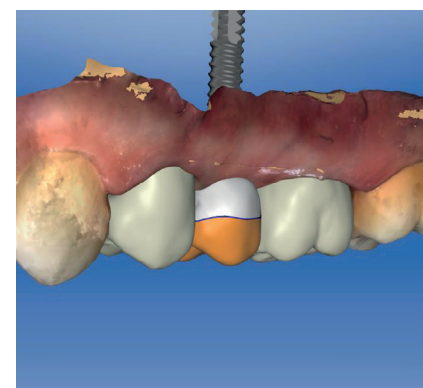
Monitoring and maintenance

Donna Schembri explains how to put an effective implant maintenance protocol in place



Full-mouth rehabilitation

By Vasileios Soumpasis, Stuart Kilner and Rajesh Vijayanarayanan



Soft tissue recontouring

By Carlos Repullo Sanchez



Star power

They came, they saw, they conquered

Dentistry16
Stars of Dentistry



Dynamic navigation

Implant Dentistry Today looks at navigating implant placement with **Navident**, a free-handed guided surgery system

Implant dentists in the UK and Ireland are now able to see how free-handed guided surgery aids more accurate implant placement for their patients.

Navident is an affordable and easy-to-use navigation system, providing precision guidance for increased accuracy within 0.5mm of the treatment plan*. Using the CBCT image as a map, Navident guides surgeons just like a GPS guides drivers.

It provides real-time tactile and visual feedback, without the need for a physical guide, and is compatible with any implant type, drill system and all dental CBCTs currently on the market.

Simplifying workflow

Dr David Burgess of Carbis Bay Dental Care is one of the first dentists in the UK to use Navident routinely. He says: 'What makes Navident stand out is that it precisely guides the surgeon to prepare and place the implant in the predetermined position. It is a dynamic piece of equipment, whereas a conventional drill guide is fixed to a certain angle, position or location. The software shows the drill position on the scan in real time, as it enters the jaw. This allows adjustments to be made, if necessary, whilst the site is being drilled.'

Navident is designed to simplify the digital workflow for implant dentistry and provides accurate guidance more effectively than static guides.

Dr Jan D'Haese of Ghent University Hospital explains the advantages: 'Using real-time navigation, one can avoid the fabrication of a stereolithographic template, resulting in a less expensive treatment. Also, the tactile feeling during the drilling procedure, as well as manual control over the implant stability, is still present.'

Targeting perfection

- Precision guidance for increased accuracy within 0.5mm of treatment plan*
- Easy to use, reducing time and expense with simplified digital workflow
- Provides even greater value from CBCT data
- Enables minimally invasive flapless drilling without a physical guide.



Visual guidance

Navident enables minimally invasive flapless drilling without a physical guide. This reduces chair time, patient trauma, pain and recovery time. Dr Burgess describes the benefits for the patient, saying: 'There is increased comfort both physically, through the need for less invasive surgery, and psychologically, in the knowledge that treatment carries a greater degree of precision and safety.'

According to the Association of Dental Implantology (ADI) UK, implant treatment has become 'an indispensable part of mainstream dentistry'. Due to changes in lifestyle and increased life expectancy, the demand for implant dentistry is expected to grow significantly in the next few years. To deal with the rise, clinicians need to increase the operational efficiency of their practice.

Tom Tilmans, Navident European director of sales and marketing, explains: 'Navident is designed for clinicians who want the most accurate and reliable technology, which also offers time and cost savings. This is why Navident will change your perspective on progressive dentistry.'

Compatible with any implant type, drill system and all dental CBCTs currently on the market

'Navident is another step towards a complete digital workflow for dental implant treatment,' Dr Burgess adds. 'Having used the system for several months now, I would not want to go back to preparing and placing dental implants without its 3D visual guidance.'

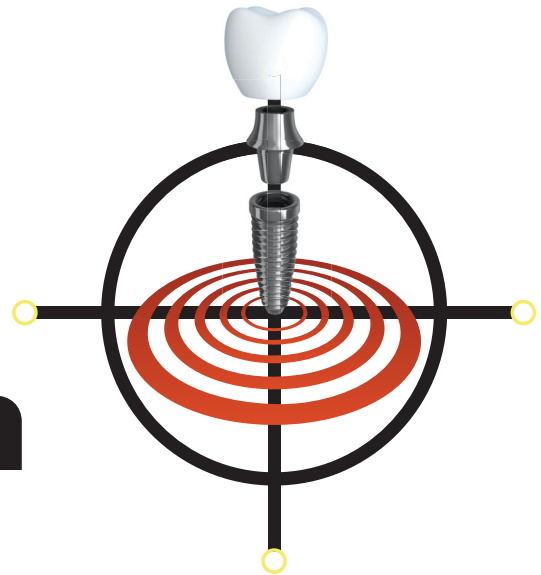
'For me, acquiring Navident has been a logical progression in my personal desire to achieve the very best I can for my patients.'

*Average error of 0.4mm in internal bench test with a range of operating conditions. **IDT**

To experience how Navident dynamically tracks the drill and the patient's jaw, call The Dental Imaging Company on 0845 602 4944 or email navident@thedentalimagingcompany.co.uk.

Navident

Targeting Perfection



Dynamic navigation for freehanded dental implant placement

See for yourself how freehanded guided surgery aids more accurate implant placement. Navident tracks the drill and the patient's jaw, providing real-time tactile guidance and visual feedback.



- Precision guidance for increased accuracy within 0.5mm of treatment plan*
- Easy to use, reducing time and expense with a simplified workflow
- Provides even greater value from your CBCT data
- Enables minimally invasive flapless drilling without a physical guide

Compatible with any implant type, drill system and all CBCTs currently on the market

"What makes Navident stand out is it precisely guides the surgeon to prepare and place the implant. The software shows the drill position on the scan in real time, as it enters the jaw."

David Burgess BDS DPDS MScConSed
Carbis Bay Dental Care, St Ives, Cornwall



Try Navident's precision guidance for yourself.

Call **0845 602 4944** or email navident@thedentalimagingcompany.co.uk

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T: 0845 602 4944 E: info@thedentalimagingcompany.co.uk
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