Mini-sized tips can improve implant maintenance

By LM-Dental Staff

The clinical challenge: Instruments (tips) intended and used for implant maintenance are too bulky, especially in cases when patients have healthy, tight tissue around the implants.

Proposed solution: ErgoMix Mini Implant Instruments from LM-Dental.

Reasoning supporting the solution: According to LM-Dental, dental practitioners were frustrated with the tip sizes of implant hand instruments. They approached LM with their frustration and shared improvement suggestions. In response, LM, a market-leading instrument manufacturer in Europe, known for being sensitive to practitioners’ needs and passionate about clinical relevance, designed a series of titanium implant instruments with mini-sized tips.

These LM ErgoMix implant instruments are made of softer-than-standard titanium alloy that is gentle on implants yet effective for calculus removal. ErgoMix implant instruments also feature replaceable tips and large diameter (12 mm) silicone surfaced handles that, according to the company, improve comfort.

The ErgoMix replaceable tip mechanism is engineered so that no tools are needed to change the tips. That means there is no wrench tool to lose—guaranteed. The tips line up perfectly to the handles, making ErgoMix technology the 21st-century version of the outdated cone-socket system, according to the company.

The implant series includes four instrument patterns: Mini Gracey 1/2 — anterior (gray); Mini Gracey 11/12 — mesial (orange); Mini Gracey 13/14 — distal (blue); and Mini Universal — universal, all surfaces (red). They are available as a kit, containing one of each instrument and a cassette, or they may be purchased individually.

Orascoptic launches RDH Elite loupe

Orascoptic, a leader in vision solutions, introduces RDH Elite™ — a loupe designed with a singular focus on dental hygiene.

Utilizing a team of both practicing hygienists and industry-recognized experts in ergonomics and infection control, Orascoptic co-engineered a loupe centered on improving ergonomics, productivity and career longevity.

Taking overall comfort into account, the RDH Elite frame sports an adjustable nose pad and temple tips for a customizable fit. Capitalizing on ever-changing fashion, the frame includes interchangeable temple tips and color emblems for added personalization.

RDH Elite can be configured as a through-the-lens (TTL) or flip-up. Sizes are available in small and regular.

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“My personal journey at LVI taught me the best, most cutting edge techniques in dentistry. It taught me how important it is to work on my business and most of all it allowed me to enjoy what I do whilst providing my patients with life changing dentistry.” — Dr. Conchil M. Sanchez-Garcia, Miami, FL

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Here at Yankee

To check out the RDH Elite loupes, stop by the Orascoptic booth, No. 2203.

Orascoptic, Yankee Dental Congress — January 30, 2015

Here at Yankee

To check out the RDH Elite loupes, stop by the Orascoptic booth, No. 2203.

The RDH Elite loupe. (Photo/Provided by Orascoptic)
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Meet EyeZoom™ & RDH Elite™ at BOOTH 2203
Planmeca ProMax S3: Capture interproximal caries extraorally

By Planmeca USA Staff

What if dentists could capture interproximal caries and more extraorally? The Planmeca ProMax S3 makes this achievable with the anatomically accurate extraoral bitewing program, possible only with patented SCARA (selectively compliant articulated robotic arm) technology.

These extraoral bitewings eliminate gagging and capture a greater number of surfaces for better caries detection versus intraoral modalities* and are especially useful for peri-odontal patients, children, elderly patients, claustrophobic patients, patients with special needs, patients that gag or patients in pain.

ProMax’s extraoral panoramic bitewings consist of two bitewing images that are focused to expose interproximal contacts and magnified for higher resolution. These images show details from premolar to third molar areas, including parts of the maxilla, mandible and ramus.

They are also useful in the placement of temporary anchorage devices (implant abutments) in certain treatment. This captures more clinical data (lateral to third molar) and consistently opens interproximal contacts better than most intraoral methods.

All of this comes without the challenges of sensor placement, the changing of sensor sizes, disinfection and equipment maintenance, helping clinical procedures run quicker and smoother than ever before, according to the company.

The ProMax S3 also offers innovative features for compliance with the ALARA radiation safety principle. Its unique autofocus feature significantly reduces retakes, while adjustable kV and mA settings, as well as horizontal and vertical segmentation, provide the tools to limit radiation based on clinical need.

The unit is software-driven for upgradability, from advanced 2D imaging programs to cephalometry, one-shot cephalometry, digital impression and cast model scanning, Proface 3-D facial photos and 3-D imaging.

All of the units include open-architecture Planmeca Romexis, a versatile software suite designed to support optimal imaging workflow and usability at chairside.

* According to “Efficacy of ProMax Bitewings vs. Intraoral Bitewings.” For a copy of this study, contact Planmeca USA.

A dental isolation technique like no other

By Isolite Systems Staff

Dental isolation is one of the most common and ongoing challenges in dentistry. The mouth is a difficult environment in which to work. It is wet and dark, the tongue is in the way, and there is the added humidity of breath, which all make dentistry more difficult.

Proper dental isolation and moisture control are two often overlooked factors that can affect the longevity of dental work — especially with today’s advanced techniques and materials.

Leading dental isolation methods have long been the rubber dam — or manual suction and retraction with the aid of cotton rolls and dry angles. Both of these methods are time and labor intensive, and not particularly pleasant for the patient.

Enter Isolite Systems: Its dental isolation systems deliver an isolated, humidity- and moisture-free working field as dry as the rubber dam but with significant advantages, including better visibility, greater access, improved patient safety and a leap forward in comfort. Plus, it allows dentists to work in two quadrants at a time.

The key to the technology is the “Isolation Mouthpiece.” Compatible with Isolite’s full line of products, the mouthpiece is the heart of the system. It is specifically designed and engineered around the anatomy and morphology of the mouth to accommodate every patient, from children to the elderly.

The single-use Isolation Mouthpieces are now available in six sizes and position in seconds to provide complete, comfortable tongue and cheek retraction while also shielding the airway to prevent inadvertent foreign body aspiration.

The ProMax S3, visit the company’s booth, No. 1631, call (855) 245-2908 or visit www.planmecausa.com.

Here at Yankee

Visit Isolite in booth No. 709 or online at www.isolitesystem.com.

Isolite Systems provides three state-of-the-art product solutions for every practice, every operator: Isolite, illuminated dental isolation system; Isodry, a non-illuminated dental isolation; and the new Isovac, dental isolation adapter.

Using the Isolation Mouthpieces, all three dental isolation products isolate upper and lower quadrants simultaneously while providing continuous hands-free suction. This allows a positive experience where the patient no longer has the sensation of drowning in saliva/water during a procedure and the practitioner can precisely control the amount of suction/humidity in the patient’s mouth.

Isolite Systems’ dental isolation is recommended for the majority of dental procedures where oral control and dental isolation in the working field is desired. It has been favorably reviewed by leading independent evaluators and is recommended for procedures where good isolation is critical to quality dental outcomes.

Visit the Isolite booth at the Yankee Dental Congress, No. 709, or go to www.isolitesystem.com.
The Next Generation of Dental Implant Technology:
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The Advantage of Osseous Fixation

Thursday - January 29, 2015

10:30am - 12:30pm
BCEC, Exhibit Hall Floor, Classroom K
Course Code: 229TW  Credits: 2 CE Hours

2:00pm - 4:00pm
BCEC, Exhibit Hall Floor, Classroom K
Course Code: 256TW  Credits: 2 CE Hours

Choose from either time shown above and see the advantages of OCO Immediate Load Technology in a lecture and live surgery demonstration of the OCO Biomedical Implant System.

No Charge Registration Required.

Dr. Charles Schlesinger, DDS
Chief Operating Officer
OCO Biomedical

Nationally renowned as one of the foremost experts on dental implants, Dr. Schlesinger has been an implant educator and speaker since 2007. He graduated from the Ohio State College of Dentistry in 1996 and maintained a private practice in San Diego before becoming OCO Biomedical's Chief Operating Officer in 2012.

Contact Info:
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Complete Implant Solutions
A BruxZir solid zirconia veneer case

By Michael C. DiTolla, DDS, FAGD

Glidewell Laboratories’ weekly web series “Chairside Live” has given us a great opportunity to commu-
nicate with clinicians across the nation and educate them on topics that they’re actually interested in learning. If you haven’t yet had the opportunity, episodes can be viewed on-demand at www.chairsidelive.com or on YouTube and iTunes.

In the Case of the Week from Episode 105, I wanted to try some-
thing that I really hadn’t done before. I’ve done some anterior BruxZir® res-
torations, and they turned out well, but I had yet to do an anterior crown case in conjunction with a BruxZir veneer. This is going to be a straight-
forward case on teeth #8 and #9 with a BruxZir crown and a BruxZir veneer adjacent to it.

Case presentation

This patient had a pre-existing PFM on tooth #8 that was a poor aesthetic match (Fig. 1). Because of the patient’s deep overbite, I liked the idea of using a BruxZir crown for tooth #8 because I could keep it almost as thin as that PFM was on the lingual. I also planned to have the lab fabricate a BruxZir no-prep veneer for tooth #9, which happened to be facially defi-
cient anyway.

I anesthetized the patient and took off the crown. The prep had been endodontically treated, and it looked

...like a gold post was placed in the incisal edge.

We placed the first cord (size 00) and then prepared the gingival third of the tooth. Because the tooth already had a PFM, I didn’t have to do a ton of reduction; it was more about where I did the reduction...

While reducing, I exposed a little bit of gold, so I covered it up with a self-adhering composite resin, and then I finished smoothing off the prep (Fig. 2). Then I placed the top cord (size 2), which upon removal left us a...

...wide open sulcus that would be sim-
ple to impress. That’s the benefit of using the two-cord technique.

Six days later, we took off the tem-
porary and tried in the final restora-
tions, which the patient approved.

We cemented the crown with Ceramir® Crown & Bridge cement (Doxa Dental; Newport Beach, Calif.). The thing I love about Ceramir cement is the fact that it bonds on its own to zirconia without requiring you to decontami-
nate the internal surface of the Brux-
Zir crown or use a zirconia primer...

...and allows diagnostic examination
after cementation. This...

...enhances contrast to gingival tissue, enhancing visualization. ZERO-G Bio Implant Cement is available as a kit (item No. 46-1000) that contains two 7.0-gram-
filled syringes and 20 auto-mixing tips.

New at Yankee: ZERO-G Bio-Implant Cement

By TAUB Products Staff

TAUB Products is excited to con-
tinue its launch of ZERO-G Bio-Implant Cement here at the 2015 Yankee Den-
tal Congress.

This past December at the Greater New York Dental Meeting, TAUB Prod-

TAUB Products, along with Ed Mat-

ZERO-G Bio Implant Cement is a dual-cure implant cement and is rec-

ommended for intermediate to long-
term cementation of implant-retained restorations. ZERO-G Bio Implant Cement works with all substrates and can also be used for traditional crown and bridge restorations.

According to TAUB Products, ZERO-G Bio Implant Cement provides excellent radio-opacity for good vis-
ualization after cementation. This helps to facilitate a simple cleanup and allows diagnostic examination upon follow-up.

Here at Yankee

Learn more about BruxZir restorations at the Glidewell booth, No. 803.

Here at Yankee

Learn more about ZERO-G Bio-Implant Cement at TAUB Products Booth, No. 2113, or go to www.taubdental.com.

The new implant cement is reten-
tive to allow easy removal of excess cement. Its unique color has great contrast to gingival tissue, enhancing visualization. ZERO-G Bio Implant Cement is available as a kit (item No. 46-1000) that contains two 7.0-gram-filled syringes and 20 auto-mixing tips.
"Isolite is one of the few products I couldn’t live without."

Eric McMahon, DDS is a successful pediatric dentist in Clifton Park, New York. His young patients love the “squishy fishy” because using Isolite means he can work on two quadrants at once, reducing chair time.

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