Planmeca offers noise-free 3-D imaging

Crystal clear images support precise diagnostics

The ProMax® 3Ds and 3D units from Planmeca (National Dental Association exhibit hall booth No. 703) are designed for capturing the smallest anatomic details with precision. High-resolution images with a 75 μm voxel size and efficient artifact removal make these units an ideal choice for effective case planning and precise diagnostic capabilities, according to the company.

Versatile, selectable volume sizes on the ProMax ensure observance of the ALARA radiation principle; these include 5-by-5, 5-by-8, 8-by-5, and 8-by-8 for the ProMax 3Ds and 4-by-5, 4-by-8, 5-by-5, and 5-by-8 for the ProMax 3D.

Noise-free images

The Planmeca AINO™ (Adaptive Image Noise Optimizer) is an intelligent 3-D noise filter that removes noise from CBCT images without losing valuable details. The result is a crystal clear, highly diagnostic image, according to the company. Features include:

- Analyzes the reconstruction exposure data during reconstruction and adaptively differentiates noise and fine details.
- AINO filter is enabled in Planmeca Romexis® 3D capturing screen, while the original image is also stored and accessible.
- Improves image quality in endodontic mode where noise is inherent because of small voxel sizes.
- Also useful in ultra low-dose images.

Artifact removal

Planmeca ARA™ artifact removal algorithm removes shadows and streaks from the 3-D image, such as those caused by metal and root fillings, according to Planmeca.

Ideal patient support

The adjustable patient support keeps the patient firmly and comfortably in place, providing high-quality images without artifacts caused by movement, according to Planmeca.

Comprehensive Planmeca Romexis software

All ProMax™ units include Planmeca Romexis open-architecture software with versatile tools for endodontic diagnostic and treatment planning needs, such as true measurements and 3-D visualization of root canals. CBCT applications include:

- See PLANMECA, page A7

Efficient artifact removal makes the Planmeca 3Ds and 3D units appealing for precise diagnostics (top). Planmeca AINO removes noise from CBCT images without compromising diagnostic quality (bottom left image uses filter, right does not). Photos/Provided by Planmeca

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Program offers fast track to ownership

By Aspen Dental Staff

Many dentists aspire to owning their own practice. And sooner rather than later.

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To learn more about how you could become a practice owner in two years or less, visit Aspen Dental online at www.AspenDentalJobs.com.

New webinar: ‘Your patient database is a cash cow. Trick your staff into milking it’

July 29 Dental Tribune Study Club webinar shows how to get your staff naturally connecting with patient base

Any established dental practice has thousands or tens of thousands of patient records. These active and inactive patients are ready and waiting to be marketed to. They are already familiar with you and your services, if only you could contact them — and convince them to schedule an appointment — you’d be so much more productive.

Unfortunately, no one likes to call inactive patients, no one has the time to contact them, and it can be expensive to reach them through traditional marketing methods.

But what if you could trick your staff into marketing to your patient base with no added training and no additional time requirements?

In the webinar, ‘Your patient database is a cash cow. Trick your staff into milking it,’ you’ll learn just how easy, natural and intuitive it is to get your staff to market to your existing patient base while performing their everyday responsibilities. Your staff will begin scheduling more appointments without even trying.

The webinar will be held on Tuesday, July 29, at 8:30 p.m. EST at www.dtstudyclub.com.

Spend 60 minutes with Bob Spiel, MBA, and learn tips to be more productive, without any additional programs, trainings or procedures.

For more information, you can contact Weave at (888) 579-3668, or visit www.dtstudyclub.com.

(Source: Weave)

endodontics include:
- Assessment of endodontic treatment complications.
- Diagnosis of periapical pathosis.
- Root canal system anomalies.
- Determination of root curvature.
- Trauma diagnosis, such as root fractures, luxation, displacement of teeth and alveolar fractures.
- Localization of root resorption.
- Determination of exact root apex location in pre-surgical planning.

True all-in-one units

The Planmeca ProMax 3Ds and 3D offer the following, according to Planmeca.

- True all-in-one units
  - CBCT, panoramic, anatomically accurate extroral bitewings and optional cephalometric imaging.
  - Optional 2D SmartPan™ so 2-D and 3-D images can be taken with the same sensor.
  - Optional Planmeca ProFace™ 3D facial photo for advanced case presentation, operation pre-planning and treatment follow-up.

You can visit Planmeca at the National Dental Association exhibit hall in booth No. 703, learn more online by going to www.planmecausa.com, or contact the company at (855) 245-2908.

(Source: Planmeca USA)