Wykle Research has announced the release of two new Calasept Endo products, which it distributes for Nordiska Dental of Sweden, the manufacturer of Calasept and Calasept Plus.

Calasept Irrigation Needles are high-quality, double-side-vented, luer-lock irrigation needles that optimize the cleansing of canals, creating a “swirl effect.” The needles are available in 27 g or 31 g, in packs of 40 needles.

Features include the following:
- Bendability
- Luer-lock hub
- Sterile and disposable
- Designed for ease in cleaning roots
- High-quality stainless steel

Calasept Irrigation Syringes are 3 ml luer-lock, single-use syringes. They are color-coded to eliminate risk when using multiple irrigation liquids. They are available in packs of 20 syringes, 10 white and 10 green.

Features include the following:
- High-quality, three-part syringe
- Color-coded
- Luer-lock

These new products complement Wykle’s Calasept line, which includes Calasept and Calasept Plus calcium hydroxide paste for temporary filling of root canals, sold in packages of four syringes with 20 needles. Calasept EDTA is 17 percent EDTA solution. Calasept CHX is 2 percent chlorhexidine solution for irrigation. Both solutions are packaged with a luer adaptor for easy filling of syringes.

Wykle Research distributes Calasept Endo products by Nordiska Dental, a Swedish manufacturer of dental supplies. Wykle Research and Nordiska Dental will continue to provide new endo products.

For more information, contact Wykle Research at (800) 859-6641 or visit the company online at www.wykleresearch.com.
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Planmeca’s **endodontic imaging mode**: Detailed images without noise or artifacts

Author: Planmeca staff

Specifically designed for endodontic studies, Planmeca’s advanced endodontic imaging mode provides perfect visualisation of even the finest anatomical details. It is available for all X-ray units belonging to the Planmeca ProMax® 3D family and is ideal for endodontics as well as other cases that require imaging of small anatomical details, such as imaging of the ear. The imaging program produces extremely high-resolution images with a very small voxel size (only 75 µm).

Thanks to the Planmeca AINO™ noise removal and Planmeca ARA™ artifact removal algorithms, noise-free and crystal-clear images are produced.

**Planmeca ARA removes artifacts efficiently**

Metal restorations and root fillings in the patient’s mouth can cause shadows and streaks in CBCT images. The intelligent Planmeca ARA artifact removal algorithm removes these artifacts efficiently from Planmeca ProMax 3D images.

**Planmeca AINO removes noise from CBCT images**

A particularly low radiation dose or small voxel size can cause noise in 3-D X-ray images. The new Planmeca AINO Adaptive Image Noise Optimiser is an intelligent noise filter that reduces noise in CBCT images without losing valuable details.

The filter improves image quality in the endodontic imaging mode, where noise is inherent due to the extremely small voxel size. It is also especially useful when using the Planmeca Ultra Low Dose™ protocol, where noise is induced by the particularly low dose.

Planmeca AINO also allows reducing exposure values and consequently the radiation dose in all other imaging modes.

**Efficient tooth segmentation**

The Planmeca Romexis® all-in-one software platform will soon provide a new, intuitive and efficient tool for segmenting a tooth and its root from a CBCT image.

The guided process enables quick segmentation of a patient’s full dentition. Surface models of segmented teeth can be visualised, measured and utilised in Planmeca Romexis.

For more information, contact Planmeca.

(Photos/Provided by Planmeca)