Bausch PROGRESS 100 and Arti-Fol 12µ metallic shimstock

Bausch PROGRESS 100 is a smooth fibre-reinforced paper with high colouring capacity that adapts perfectly to occlusal surfaces. The occlusal contact points or centric contacts are marked very precisely because of the paper’s progressive colour transfer.

This 100 µ paper is impregnated with hydrophilic waxes, pharmaceutical oils and the Transculase bonding agent. This unique combination enhances detection of high spots on surfaces that are difficult to measure, such as highly polished metals or ceramics. In addition, its hydrophilic properties make it advantageous for use on moist occlusal surfaces—a highly desirable attribute.

The combination of Bausch PROGRESS 100 and Arti-Fol 12µ offers considerable advantages, especially for measuring occlusal surfaces such as highly polished metal surfaces or highly glazed ceramics that are difficult to examine. Bausch PROGRESS 100 is used first, transferring the pigments and a thin coat of Transculase bonding agent to the occlusal surface. Contacts are immediately evident.

Arti-Fol 12 µ metallic is a high-tech test film with distinctly improved features. It is made of metallic polyester film (shimstock film) of only 12 µ in thickness. This film possesses excellent colour transfer. High spots can easily be detected, especially on ceramic or highly polished metal surfaces. Arti-Fol has a high tensile strength and is ideal for checking approximal contact points when fitting dental bridges and crowns.

In contrast to the conventional shimstock film, Arti-Fol marks high spots precisely. Since the back of the film is metallic, it is obvious which side is colour coated and which is not.

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3Shape’s Dental System offers CAD Design of DENTSPLY Friadent customised abutments

3Shape, a global leader in 3-D scanners and CAD/CAM software solutions announces the official release of new capabilities in its Dental System, allowing the design of two-piece customised abutments using DENTSPLY Friadent pre-manufactured titanium bases.

3Shape has incorporated a complete and original DENTSPLY Friadent library into its Dental System software, supporting DENTSPLY Friadent’s ANKYLOS and XIVE implant systems.

The new library enables dental technicians to use 3Shape’s Abutment Designer to model two-piece abutments using a pre-manufactured titanium base with a customised zirconia abutment top. In order to manufacture the designed restoration, the original titanium base must be obtained from DENTSPLY Friadent and the customised zirconia part can be milled locally by the lab or milling centre.

“DENTSPLY Friadent is a leading implant manufacturer, and many labs are steadfast users of both the 3Shape CAD/CAM Dental System and DENTSPLY Friadent’s abutments,” according to Rune Fisker, Vice-President of Product Strategy at 3Shape. “Now they can design virtually and provide highly aesthetic two-piece customised abutments, thereby introducing better choices for dentists and their patients.”

“Optimal clinical results and long-term stability can be achieved best by using original components like implant, titanium base and implant library throughout the workflow,” recommended Frank Beckerle, Digital Dentistry Global Brand Manager at DENSPLY Friadent. “To determine the correct position of ANKYLOS and XIVE we also provide the matching scan bodies.”

“The DENTSPLY Friadent library gives me even more options in solving implant cases with individual zirconia abutments on titanium bases,” stated Björn Roland, Dental Design Schnellbächler & Roland. “Using these libraries with the 3Shape CAD Design software, I can achieve optimal aesthetic results easily and quickly in a few clicks.”

The DENTSPLY Friadent library was released on 3 July 2012. Users who wish to benefit from this opportunity should contact their 3Shape distributor for more information on how to obtain the library. The original implant and titanium base must be obtained from the DENTSPLY Friadent distributor, and scan bodies can be ordered from international customer service on +49 6181 595694 or at customerservice.de@depdent.com._

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Planmeca introduces Planmeca iRomexis, an advanced mobile image-viewing application for Apple iPhone and iPad devices. This application offers comprehensive features for 2-D and 3-D image viewing and is designed to allow users of Planmeca X-ray units to realise the full extent of their investment. The Planmeca iRomexis application allows users to access images from anywhere in the world using Wi-Fi or 3G networks.

Planmeca is the first to introduce a free native Apple iPhone and iPad application with an integrated 2-D and 3-D image viewer with true 3-D surface model rendering and the capability to access images over 3G networks. All images acquired with Planmeca X-ray units, including Planmeca ProMax 3D volumes and ProFace 3-D facial scans, can be viewed, enhanced and studied.

In addition, the operating status of a clinic’s Planmeca Sovereign and Compact i dental units can be monitored in real time. Images from Planmeca Romexis software can easily be sent through a Planmeca Online account to Planmeca iRomexis device users anywhere in the world. The account holder will be notified automatically on his or her Apple device when new images are available for viewing. The images can then be downloaded to the mobile device.

Planmeca also introduces Planmeca Online, a free secure service that allows sharing of images between clinics that use Planmeca Romexis. For example, a radiology centre can send images directly to its customer clinic automatically. When using the Planmeca iRomexis over a public Internet connection, the free Planmeca Online account ensures secure delivery of images to the user’s device. Please visit http://online.planmeca.com for more information.

“This new service emphasises our commitment to R & D and best practices in dentistry. Planmeca provides the most advanced tools—3-D imaging units and software—for acquisition and sharing of images and information for the benefit of patients. This concept also opens interesting future possibilities in communication and sharing of medical information between Planmeca’s customer clinics, while taking into consideration HIPAA and other patient safety requirements,” explained Helianna Puhlin-Nurminen, Vice-President of the Digital Imaging and Applications division at Planmeca.

The product is based on the recognised Planmeca Romexis desktop software suite that supports both MS Windows and Apple Mac operating systems, and includes processing of all dental imaging modalities: intra-oral, panoramic, cephalometric, and 3-D imaging. Planmeca iRomexis is now available for use with all new and existing installations. Planmeca iRomexis and the Planmeca Online service are compatible with Planmeca Romexis version 2.6.R or newer.

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At the general session of the International Association for Dental Research (IADR), held at Iguazu Falls in Brazil, the 2012 IADR/Straumann Award in Regenerative Periodontal Medicine was presented to Prof. Anton Sculean from the University of Bern, Switzerland, in recognition of his outstanding work and achievements in periodontal medicine.

The objective of the award is to recognise significant contributions to basic and/or clinical research in regenerative periodontal or peri-implant medicine. This year’s award was presented by Prof. Alpdogan Kantarci from the University of Bern, Switzerland, in recognition of his outstanding work and achievements in periodontal medicine.

“Prof. Sculean has contributed significantly to our understanding of oral tissue regeneration throughout his career,” noted Kantarci. “As a preclinical and clinical investigator, he has evaluated all major approaches to periodontal regeneration. Furthermore, he has been an outstanding educator, a respected leader and a strong advocate of evidence-based regenerative medicine. In view of his continued active involvement and impressive output over the past ten years, the PRG board was unanimous in its decision to nominate him for this highly prestigious award,” he added.

Worth US$5,000, the IADR/Straumann Award in Regenerative Periodontal Medicine is sponsored by Straumann and administered by the Periodontal Research Group. Straumann is a leading contributor to R & D in implant and regenerative dentistry and this award is an example of the group’s commitment to fostering and recognising excellence in dental research.

About the International Association for Dental Research

Based in Alexandria, Virginia, USA, the IADR is a non-profit organisation with more than 12,000 individual members worldwide, dedicated to advancing research and increasing knowledge to improve oral health, supporting the oral health research community, and facilitating the communication and application of research findings for the improvement of oral health worldwide.

For more information on the IADR, see www.iadr.org. Within the IADR, the Periodontal Research Group is the forum for members who are active in periodontology. Its aim is to improve periodontal health by encouraging research activities.