SS White introduces Great White carbide lab burs

By SS White

COLOGNE, Germany: When choosing a dental bur, the options seem endless, even for specialty burs like those designed for laboratory applications. The needs and requirements of dental laboratories have changed significantly over the past ten years, and today’s laboratories cut everything from plaster to titanium and require a product that offers great efficiency.

For increased performance and durability in laboratories, SS White recently introduced its Great White Lab Series Carbide Burs, with a patented proprietary zirconium nitride coating to increase the surface hardness of the bur and create an extremely efficient cutting instrument. According to Brant Miles, Director of Business Development at SS White, the Great White laboratory burs offer up to ten times increased durability and longevity compared with products not coated with zirconium.

With a tungsten carbide head, the burs cut a multitude of different dental substrates, and a stainless-steel Shank reduces unnecessary wear to the handpiece. The burs are abrasion-resistant, reducing surface heat and vibration for a cooler and more-consistent surface finish.

With the versatility to cut all types of materials, the Great White laboratory burs are available in cross-cut and spiral-fluted blade configurations in a variety of shapes, sizes and grits. Dental professionals can choose the correct instrument for all applications, whether for bulk reduction, adjusting or fine finishing on all dental materials, including stone, acrylic, precious and non-precious metal, or any other material used in the dental laboratory.

“The Great White Lab Series burs offer excellent value owing to their increased service life and lower instrument cost. With optimal material reduction, the laboratory cutters produce a high-quality surface finish, which helps reduce remakes,” reported Miles.

SS White invites anyone interested in adding Great White carbide laboratory burs to their SS White product line or becoming an SS White dealer to contact International Director of Sales Michael Schwartz at mschwartz@sswhitedental.com. By partnering with SS White and representing the 175-year-old brand, dealers will benefit from:

• a differentiated restorative and endodontic full product line
• world-class quality (ISO 13485:2003)
• preferred pricing commitment
• industry-leading delivery times
• full sales and marketing support.

For more information can be found at www.sswhitedental.com

New 3Shape Dental System 2019 software now available

By DTI

COPENHAGEN, Denmark: 3Shape has announced the release of the 2019 version of its industry-leading design software for laboratories. The new and improved 3Shape Dental System 2019 includes significantly enhanced solutions for designing and producing dentures, splints and clear aligners, as well as improvements to core workflows.

“3Shape Dental System 2019 enables labs to do what they love, creating great aesthetic and functional dental art,” said 3Shape Vice President for Product Strategy Rune Fisker. He added, “With every new 3Shape Dental System software release and as a part of our 3Shape LabCare promise, we develop stronger software with increased productivity and new opportunities for labs to expand their business and unlock their potential.”

Powerful advancements to 3Shape’s denture design software and new developments in materials and manufacturing allow for higher profit margins for laboratories when producing dentures digitally. The new features of teeth in-blocks, optimised try-in denture workflow, and improved TIKOS integration and alignment reduce labour time, production costs and improve efficiency.

Clear Aligner Studio enables laboratories to design entire orthodontic cases, from the first impression to the final impression. The new version of 3Shape Clear Aligner Studio brings 20–40 per cent efficiency gains to the set-up and staging of clear aligners and includes new automated features, such as ID tagging, attachment sizing and placement.

3Shape Split Studio enables laboratories to easily produce splints, night guards, protectors and similar dental appliances with just a few clicks. It is important to note that 3Shape Splat Studio has not yet been approved by the Food and Drug Administration in the US.

Globally renowned certified dental technicians Przemek Swoernyk and Kate Brantvik have created a complete set of new smile libraries for 3Shape Dental System and 3Shape Smile Design. The smile libraries are based on real people’s smiles and are included in a corresponding coffee table book meant for inspiring and educating dental professionals in how to make beautiful gingivae for implant bridges. There is also a new advanced function using the patient’s real jaw motion.

Speaking about the new Dental System software, 3Shape co-founder Hans Clausen remarked, “Dental System 2019 is for labs of all sizes that want to stay ahead in a changing industry. And dentistry is indeed changing. More and more dentists want to enjoy the efficiency and improved patient experience enabled by intraoral scanners and 3D software for diagnostics and treatment. Labs can play a key role in this change because the digital dentist needs a strong digital partner—a lab they can work with to realise the full potential of today’s technologies.”

Labs are also seeking partners. Many labs work closely with expert design services, milling centers and 3D print providers to ensure that they can fulfill their customers’ varied demands. The open system philosophy behind Dental System will enable you to work directly and seamlessly with the industry’s strongest providers.”

For more information can be found at www.dental-tribune.me
inLab software update 19.0: organise and link digital processes efficiently

By Dentsply Sirona

The broad range of indications and the easy to use software interface make Dentsply Sirona’s inLab CAD/CAM software a central component of the digital workflow in many laboratories. The brand new inLab software update offers more design options, better efficient organization of processes and an enhanced network with the dental practice.

The continuous development and optimization of the inLab software strengthens professional application opportunities for more productivity in the laboratory. The inLab CAD CAM software now also offers milling of Sirona Digital Dentures, the software for the manufacturing of Dentsply Sirona’s high-precision extraoral scanner, the inEos X5. This workflow enables a case to be created in exocad®, then scanned with inos X5 from inLab software version 19.0 or higher, and designed with the exo- cad® software in a fully integrated workflow.

inLab CAM software with new process options

InLab CAM software 19.0 provides even more efficient production processes, particularly when used with the 5-axis inLab MC X5 grinding and milling unit. For the first time, inLab CAM 19.0 contains an analysis tool that ensures high-level of reliability by providing a production simulation that previews the final production, on the basis of positioning, spreading and tool configuration. The thickness of the walls of the object can also be tested before processing.

For the manufacturing of Dentsply Sirona Digital Dentures, the software update offers freespacemilling of the Lucitone 199 Denture Base disk or higher, and designed with the exo- cad® software in a fully integrated workflow.

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