

Precise 3D printers for a predictable clinical output

■ In combination with a suite of process monitoring features, Asiga's Smart Position System technology ensures that every device is produced in a controlled environment providing production assurance and patient safety. The 4K DLP image definition and high-powered UV LED options allow for superfast 3D printing in time-critical environments.

This production accuracy, consistency and speed combined with a simple customer workflow provides a grounded solution to confidently manufacture any dental appliance. Asiga's 3D printers are well trusted



in both the dental laboratory and dental clinic for the reliable production of dental models with removable dies, study models, temporary restorations, guides, trays, try-ins, splints, dentures or high-volume models for clear aligners.

Gain unlimited and unrestricted access to more than 500 industry-leading materials with Asiga's open material architecture for the ultimate in material flexibility and choice. Futureproof your 3D printing capabilities with Asiga and stay up to date with the latest material releases. Switch materials in seconds without the need for calibration for workflow optimisation.

Asiga's range of interchangeable resin trays provide an option to print parts with either a high-gloss or matte-surface finish. Simply switch over the resin tray to print with a high-gloss finish or back again to print with a matte finish. Asiga's resin tray options provide an end-use finish directly from the 3D printer saving labour time and cost.

The Asiga network of trained and authorised resellers is backed up by Asiga's unlimited lifetime technical support via the Asiga online customer service centre. Learn more about Asiga at www.asiga.com or visit the company's booth (Hall 3.1, Booth H030) at IDS. ◀

VOCO to present new products at three trade fair booths



■ The German dental manufacturer VOCO, which has an expertise of over 40 years on the global dental market, will be exhibiting at IDS in Cologne in March. Numerous new products as well as other highlights from the portfolio will be presented

at the show. With three booths and over 430m² of exhibition space, the family-run company will have one of the largest booths at the show.

The focus will be on new products for various indications as well as other bestsellers and top items

from the current product portfolio. In addition, there will be plenty of opportunities for personal exchange. "In addition to the presentations, we also focus on professional and individual discussions. It has always been our aim to find the exact solution that is perfectly tailored to the respective needs of our customers", said Dr Axel Bernecker, head of marketing at VOCO.

Visitors will have numerous opportunities to discover the manufacturer's product range. At the spacious main booth in Hall 10.2, VOCO will showcase classic products such as composites, adhesives or impression materials for direct and indirect restorations as well as CAD/CAM materials for additive and subtractive manufacturing. Furthermore, the company will provide information about the 3D printers of the SolFlex series.

VOCO will also be represented in Hall 5.2 with the focus on oral care and dental prophylaxis in particular, including products for tooth cleaning and desensitisation as well as fissure sealants and fluoride varnishes for the treatment of hypersensitivities.

Visitors will be welcome to test and try the products in Hall 5.2 at Booth C040 and in Hall 10.2 at Booths N010/O029. More information about the company and its products can be found at www.voco.dental. ◀

CEPPRO: Evolving beyond digital orthodontic diagnosis

■ DDH seeks to increase clinical utilisation of digital dentistry by developing digital dentistry solutions and services that employ artificial intelligence (AI) and providing these through its digital dentistry platform. Currently, more than 350 member clinics in South Korea use its online AI-based orthodontic diagnosis support solutions and clear aligner services.

DDH's CEPPRO is a cloud-based automated cephalometric analyser and real-time orthodontic diagnosis support solution developed through AI learning on extensive clinical data.

Being an online service, CEPPRO is more convenient and efficient than traditional installed software and offers high cost-effectiveness.

It automatically identifies 78 cephalometric/anthropometric landmarks on cephalometric images in real time, including 34 facial soft-tissue landmarks and 44 hard-tissue landmarks. The large number of landmarks detected supports accurate analysis of the clinical case and realistic visualisation. CEPPRO also presents measurement analysis results and has a visual treatment objective

function that automatically aligns the cephalometric image with facial photographs and optimises the envisioned soft-tissue changes after hard-tissue movement. These features ensure a real-time visualisation of treatment results for patient consultation, thereby increasing treatment efficiency and acceptance at the same time.

CEPPRO has been certified by the Korea Ministry of Food and Drug Safety and obtained the CE mark. It was developed through long-term research and development collabora-

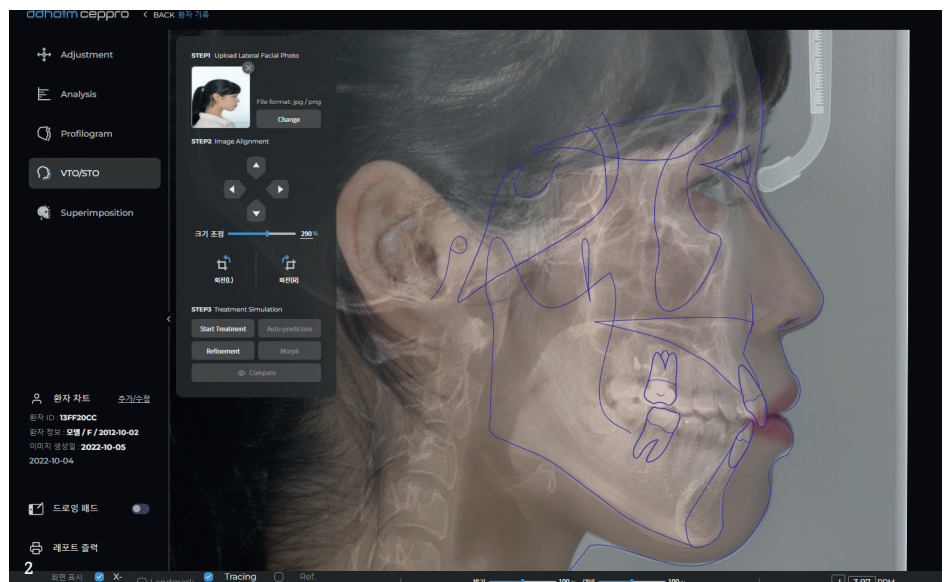
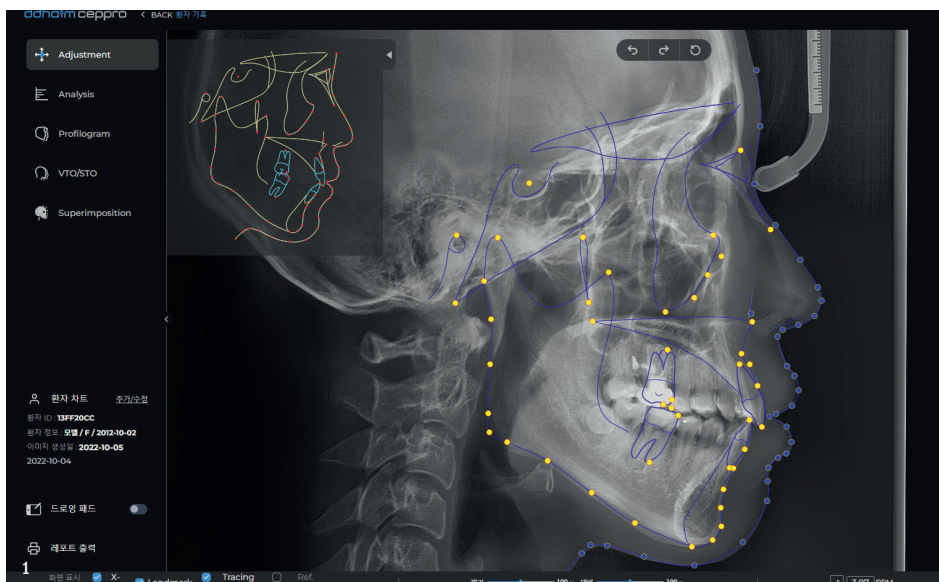
tion with Seoul National University School of Dentistry.

Signing up for DDH free membership grants immediate access to the software. Currently, CEPPRO 2.01 is available free, and CEPPRO 3.0, which is scheduled to launch in the first half of this year, will offer a free trial period after launch and a low monthly subscription fee option thereafter. There is no need to purchase expensive software licences or upgrades, and CEPPRO provides on-demand service and the most up-to-date version of the program. Users do not

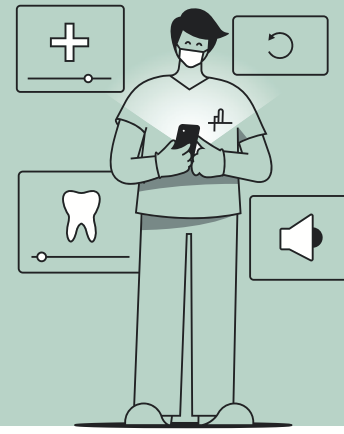
need a high-performance computer, as CEPPRO is a fast web-based service.

The upcoming Version 3.0 enhances user-friendliness and patient consultation functions compared with the existing version, adds superimposition with the latest AI technology and applies more advanced AI functions to predict treatment results.

More information about DDH can be found at www.ddhinc.net/en. At IDS, DNN will be showcasing its solution at Booth K079 in Hall 4.2. ◀



Figs. 1 & 2: CEPPRO 3.0.



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