The recent Nobel Biocare Global Symposium saw many of the world’s leading voices on implantology and digital dentistry gather in the Spanish capital of Madrid. At the event, Dental Tribune International spoke with Dr Pascal Kunz, Vice President of Digital Solutions at Nobel Biocare, about DTX Studio suite and the benefits it provides for both dental clinicians and patients.

What are the major differences between Nobel Biocare’s DTX Studio Clinic, DTX Studio Implant and DTX Studio Lab?

They are all part of one coherent and open software suite for dental diagnostics, leading into treatments, including follow-up. Essentially, DTX Studio Clinic is the new diagnostic software for all patients. Until now, our various operating companies utilised several stand-alone, narrower-scoped diagnostic solutions to power their imaging devices and to analyse their acquired data. Every intra-oral optical camera, intra-oral radiographic solution and extra-oral imaging device, including CBCT scanner, needed such software. However, DTX Studio Clinic not only powers our devices, but generates and maintains a central image archive in which all visual data from different modalities can be gathered and stored on patient level with tooth position intelligence. Through that, DTX Studio Clinic provides a dynamic, visual patient library with a very strong open input and output path that allows for the clinician to initiate and follow up with all his or her patients and treatments. He or she can also engage with and connect to treatment partners via the embedded personalised online platform, DTX Studio Go.

In contrast to DTX Studio Clinic, which is designed for use with every patient, DTX Studio Implant is designed purely for dental implant rehabilitation and the respective workflows. It provides clinicians with a market-leading ecosystem for implantology with SmartFusion, Smart-Setup—an artificial intelligence-based automatic tooth setup—and one-click actions to generate a report for freehand surgery, to create an automatically designed surgical guide or to export the plan directly to our...
dynamic navigation system, X-Guide. Whatever method of treatment the clinician has opted for—freehand surgery, guided pilot drilling or navigation—DTX Studio offers all options and links closely with the dental lab technician to enable same-day cement-free provisionals and, of course, a wide variety of final restorations.

The target group of DTX Studio Lab is, quite clearly, the dental laboratory, and it allows for technicians to provide model and diagnostic desktop scans, work with intra-oral scanner files from various sources, modify the artificial tooth setup, produce locally or order directly from Nobel-Procera and, most importantly, interact closely with the clinician. The DTX Studio Lab customer benefits heavily from the large install base of the clinical software to serve his or her customers in the best and safest possible way.

It’s important to note that all three of these entities are connected by DTX Studio Go, a web platform that each member of the treatment team can access to organise orders, reach out to other clinicians and service providers, and much more.

Different patients require different treatment modalities and different skill sets, and all information [...] should be available at any given time.”

Does DTX Studio suite provide any benefits for the patient?

From a diagnostic perspective, the patient’s visual information will always be up-to-date even if no specific treatment is planned. This allows the clinician to stay focused on the patient and not lose time organising or searching through his or her diagnostic files in various software.

Today, dentistry without digital data simply doesn’t exist anymore. Without radiographic and other digital patient-specific diagnostic information, clinicians do not know exactly what the current patient situation is, what has changed from the previous visit and what needs to be done to address issues. Uninformed and potentially wrong decisions are costly for the patient and the treatment provider. DTX Studio suite is designed to generate information and uncover facts to provide clarity for each individual patient’s needs. To put it simply, this is what the patient expects: to be treated as an individual and not an implant case.

What we’re aiming to provide is an open platform that allows the clinician to be deeply integrated into the workflow yet, at the same time, has so many entry and exit points that this workflow can be tailored to the clinician’s specific needs. Different patients require different treatment modalities and different skill sets, and all information to evaluate the current situation and history should be available at any given time.

What is the learning curve for those new to DTX Studio suite? Does the workflow have specific benefits for the more experienced dental clinician?

It is interesting because DTX Studio suite is relatively easy to learn at first, yet the more you learn about it, the more you learn just how many additional functionalities it possesses. For me, this type of software must be clearly relevant to the user’s existing work processes. DTX Studio suite really can be used on a daily basis, and much like everything in life, if you use it every day, you will get used to it very quickly and begin to explore its capabilities. DTX is built to allow for this to occur naturally and is much easier to operate and share information through than having multiple software options that don’t interact or integrate with one another.

Of course, we also offer online training courses, as well as hands-on training courses by leading clinicians at events such as the Global Symposium. In addition, Nobel Biocare and affiliated operating companies with their own dealer networks have many dedicated teams of local staff available to help answer any questions the clinician might have.

Dr Pascal Kunz at the Nobel Biocare Global Symposium in Madrid.