

SCANNING FOR EFFICIENCY: THE DIGITAL SLEEP REVOLUTION

THE dental sleep profession has evolved to scanning impressions instead of the use of impression materials. For the dental sleep clinician, this means your practice can use an intra-oral scanner to scan your patient's arches and send that electronic digital file to DynaFlex for the fabrication of your sleep device. Appliance fabrication and delivery is now as simple as scan, print, build and deliver.

Digital File Transfer

The digital file is created by an intra-oral scanner. The majority of scanners create a .stl file. A .stl is a file extension that stands for Stereolithography. This type of file that can be openly shared and sent to DynaFlex for digital model storage, digital model printing and appliance fabrication. After scanning, most scanners allow you to directly send your scans to DynaFlex. Simply locate us in

the drop down box when selecting where to transfer your file. If your scanner does not support this feature, you can manually export your file through a secure file portal. In addition to your file, each digital case requires a separate prescription form that can be emailed when submitting your scan. For assistance with any part of this process simply call our 3D Ortho Department at DynaFlex.

3D Printing of Models



To ensure the utmost accuracy in making your sleep appliances, DynaFlex only uses Stratasys 3D Printers. Once your file transfer is received, DynaFlex will print your scanned sleep case on the Rapid Proto-



typing Printers into physical working models. Before model printing, your digital file is examined for any distortions or other errors and corrected if possible. Once examined and approved, the 3D printer will “grow” a set of 3D working models using our new high contrast, non-toxic, durable polymer material. The accuracy of the new material ensures your sleep appliances will fit better than ever.

Appliance Fabrication

After 3D printing of the .stl file, the digital 3D models go to our expert Sleep Lab Technicians for fabrication. The lab technician will review the accuracy of your 3D models, bite registration and prescription before the final phase of fabrication. Once all quality standards are met, DynaFlex will craft



a perfect fitting sleep appliance for your patient.

Digital Model Storage

Our exclusive “Digital Sleep Package” is included with every sleep case. DynaFlex always digitally stores your sleep patient’s models and bite registration. If your patient’s appliance is ever lost, broken or destroyed by Fido, we can easily create a new physical set of 3D models for appliance fabrication. Digital model storage will save you and your patient’s time and money. Your patient does not have to return to your office for new impressions or a bite registration. Simply contact us and request to have your digitally stored models printed and a new sleep appliance fabricated.

Today’s digital technology can improve workflow, increase appliance quality and enhance patient sat-

isfaction. It’s emerging in all aspects of dentistry and now it has entered dental sleep medicine. Today the question has changed . . . the question is no longer “if” but rather “when” will your practice become alginate free?



GARY QUAKA

DIRECTOR OF DENTAL SLEEP
MEDICINE AT DYNAFLEX®

Digital Sleep Technology

Simpler Than Ever...

Whether your sleep practice is already digital or you're just looking into the process, DynaFlex® can help you **make the most** of your digital technology.

We make the entire process **easy** and **accurate**, from the first intraoral scan to the final case delivery.



Digital File Transfer Cases

Fast and Easy Service

Day 1

Patient is scanned with intra-oral scanner. Digital record & Rx are uploaded to DynaFlex® Portal.



DynaFlex® supports files from all major scanners.

Day 2-7

DynaFlex® prints CyberBite registration and acrylic models to fabricates the sleep device.



Day 7-10

Fabricated Sleep device is shipped directly to your office.



Before submitting your first scan, please contact DynaFlex® for initial setup instructions. Setup time only takes minutes, it's quick and easy to get started with DynaFlex® today. Simply call **800-489-4020**.



Phone: **800.489.4020** | www.dynaflex.com

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