3D Guided Surgical and Restorative Workflow for Immediate Loading of Full Arches
Differentiate your Practice by Offering a New Smile in One Day with Less Hassle and More Precision

Many patients are looking for a fast, customizable solution to replace their missing teeth. They want to live life with a smile, eating the foods that they enjoy, while feeling better about themselves.

The nSequence 3D guided surgical and restorative workflow for immediate loading of full arches is unique in that it is comprehensive in its scope and provides the surgeon with everything needed to complete the procedure predictably, safer and in less time:

- Pre-planning between the surgeon, restorative dentist, and laboratory surgical planner helps to ensure optimal results, with everyone signing off on the case.
- Experienced technicians digitally design the case at the NDX nSequence laboratory in Reno, Nevada in the proprietary Maven Pro software.
- A comprehensive kit that includes a detailed surgical report, stackable surgical and restorative guides, customized implant components, and a long-term PMMA provisional that is reinforced with an integrated bar is sent prior to the day of surgery.
- This patented approach allows for markedly shorter surgical time, eliminates guesswork and reduces stress on the entire implant team.
With nSequence®, You Can Completely Treat a Patient in As Few As Four Appointments!*  

**APPOINTMENT #1**

The patient is scanned and all the necessary records are processed by the restoring dentist including upper and lower PVS impressions (or scans), a Blu-Mousse® bite registration, a patient CBCT scan with the Blu-Mousse bite in place, clinical photographs, tooth shade, and a digital Rx form that must be filled out. All information is sent to the NDX nSequence laboratory.

**Pre-planning**

A virtual surgical consultation is held between the surgeon, restorative dentist and a laboratory implant surgical planner from nSequence. The case will be pre-planned digitally and reviewed from all clinical and biomechanical aspects. Everyone signs off on the case, and once everything is designed, a quality-tested, comprehensive kit is sent prior to surgery. The kit includes a surgical guide, bone foundation and reduction guide, angulation (abutment) guide, customized components, and a long-term PMMA provisional that is reinforced with an integrated bar.

**APPOINTMENT #2**

The patient undergoes surgery that is guided by the comprehensive surgical report, and stackable bone foundation and reduction guides. An angulation guide assists with angled abutment placement. All angles, depths and rotations are predetermined and guesswork is eliminated, reducing stress and surgical time. After surgery, final implant position records are captured using the customized clear bridge duplicate that is included in the kit. This allows for the fabrication of a full wax-up, ready for try-in. The patient receives their long-term provisional restoration and leaves the appointment with their new smile. Based upon surgical considerations (such as extractions or possible bone grafting), the surgery and restorative steps can be completed in as little as one and a half hours per arch.

**APPOINTMENT #3**

The restorative dentist confirms the aesthetic smile design set-up. Adjustments can be made to the wax set-up and light body impression material can be added to the intaglio surface to record the tissue anatomy after healing. If occlusion is adjusted, a new Blu-Mousse bite registration is taken if necessary.

**APPOINTMENT #4**

The restorative dentist delivers the beautiful definitive restoration to the patient. The long-term provisional then becomes a back-up prosthesis (should the need arise).

*May vary by implant team. Not all patients are candidates for an immediate loading procedure.*
At the first appointment, the restorative dentist uploads all pertinent patient information to nSequence including CBCT scan with bite, shade, clinical photos and a completed Rx form.

An online meeting is held between the surgeon, restorative dentist and nSequence laboratory surgical planner. All parties sign off on the patient’s treatment plan. nSequence digitally designs the procedure in Maven Pro software and sends the implant team a surgical report along with the guided prosthetic kit, prior to the day of surgery.
Fig. 3  Surgery takes place during the second appointment. The Bone Foundation Guide also acts as a Bone Reduction Guide. Included is a stereolithic sample of the bone volume to be reduced.

Fig. 4  A stackable Surgical Guide allows for ease of placement at precise, preplanned locations.

Fig. 5  The Angulation Guide gives the surgeon precise placement for angled abutments.

Fig. 6  Temporary Sleeves are luted to the provisional with self-cure or dual-cure material through the injection vents.

Fig. 7  Either the surgeon or the restorative dentist completes the pick-up of the clear bridge duplicate for fabrication of the definitive restoration.

Fig. 8  The patient leaves with a long-term PMMA provisional that is reinforced with an integrated bar.

Fig. 9  After integration at the third appointment, the final wax set-up is tried in. If needed, a final bite can be taken.

Fig. 10  nSequence fabricates the definitive restoration, and the patient goes home with a beautiful smile at a fourth, final appointment.

*Images courtesy of Dr. Michael A. Pikos and Dr. John Conness.
Give your patients what they want with predictable, better immediate loading procedures with nSequence. To begin your first nSequence® case, please contact us at 1.888.809.2777 or visit us at www.nsequence.com.

The professionals at National Dentex Labs have the unique ability to provide specialized services and local assistance on all of our products supported by our national network that includes dedicated aesthetic and technology laboratories.

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