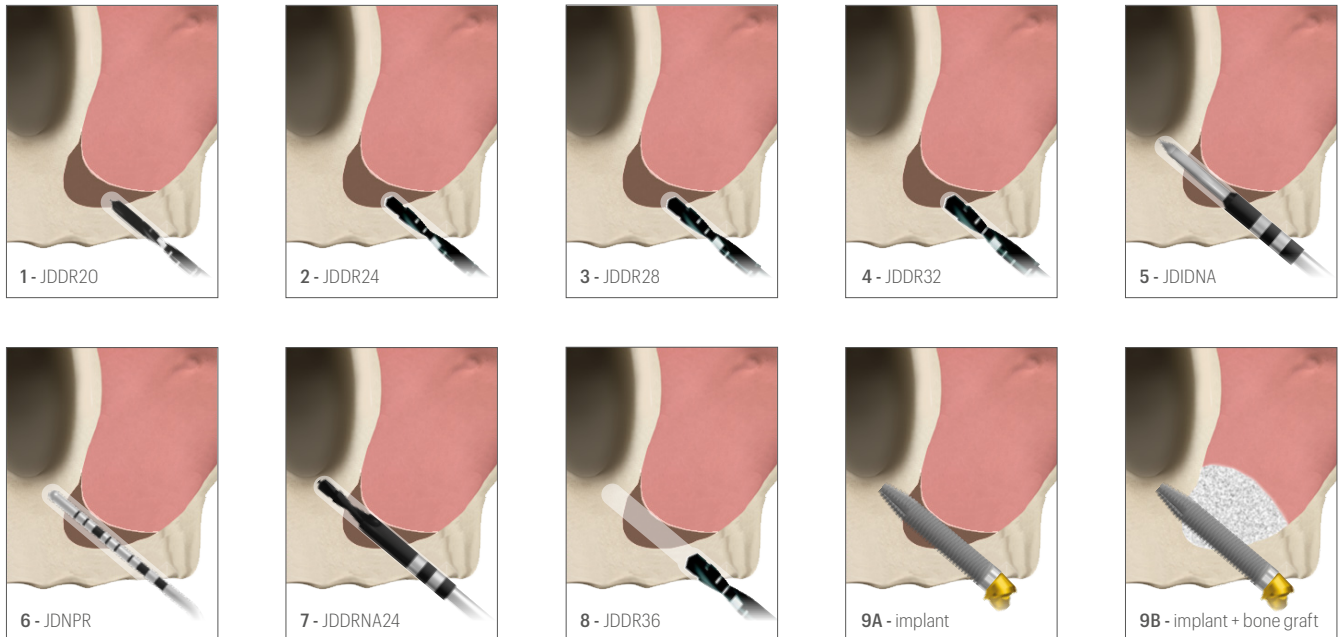


TRANS- SINUS SITE PREPARATION SEQUENCE

Non-guided protocol



1. Open a window in the lateral sinus wall and gently reflect the Schneiderian membrane without perforating it. Initiate the preparation of the implant site with standard twist drill \varnothing 2.0mm in order to reach and perforate the floor of the maxillary sinus. Keep the drill with a right inclination towards the canine pillar.
2. Continue with standard twist drill \varnothing 2.4mm till to reach and perforate the floor of the maxillary sinus.
3. Continue with standard twist drill \varnothing 2.8mm till to reach and perforate the floor of the maxillary sinus.
4. Continue with standard twist drill \varnothing 3.2mm till to reach and perforate the floor of the maxillary sinus.
5. Insert the Initial drill JDNasal into the canal created into the bone before. Drill through the alveolar process, into and across the sinus, engaging the nasal bone in correspondence with the canine pillar.
6. Use the 26mm depth probe to verify the depth of the site, in order to support the clinician in the choice of the implant with the appropriate length.
7. Use the longer \varnothing 2.4mm JDNasal drill to drill like the previous one through the alveolar process, into and across the sinus, engaging the nasal bone until the final depth in correspondence with the canine pillar.
8. Complete the osteotomy with standard twist drill \varnothing 3.6mm in the alveolar process.
- 9A. Place the implant and reach the final position without adding bone graft.
- 9B. Optional: place the implant, reach the final position and insert bone graft into the sinus.

instruments used:



JD Nasal Kit (PATENT PENDING)

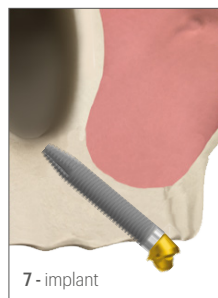
JD Nasal Kit has four longer Drills, specially designed for trans-sinus implants:*

- Longer Drill \varnothing 2,0mm JDNasal
- Longer Drill \varnothing 2,4mm JDNasal
- Initial Drill JDNasal
- Helix Drill \varnothing 2,4mm JDNasal

*The picture above is referred to JD Nasal Kit Full

NASAL SITE PREPARATION SEQUENCE

Non-guided protocol



1. Initiate the site preparation with the longer $\varnothing 2.0\text{mm}$ JD Nasal drill through the crestal bone and reach the cortical bone of the nose.
2. Use the 26mm depth probe to verify the depth of the site, in order to support the clinician in the choice of the implant with the appropriate length.
3. Drill to final depth with the longer $\varnothing 2.4\text{mm}$ JD Nasal drill.
4. Continue the osteotomy with standard twist drill $\varnothing 2.8\text{mm}$ at the entrance for 6mm.
5. Continue the osteotomy with standard twist drill $\varnothing 3.2\text{mm}$ at the entrance for 6mm.
6. Complete the osteotomy with standard twist drill $\varnothing 3.6\text{mm}$ at the entrance for 6mm.
7. Place the implant till to reach the final position.

instruments used:



SITE PREPARATION SEQUENCE

Computer guided protocol



1. Start the osteotomy using the first Guided Drill $\varnothing 2,4\text{mm} \times \text{L } 6\text{mm}^*$
2. Continue the osteotomy using the Guided Drill $\varnothing 2,4\text{mm} \times \text{L } 10\text{mm}^*$
3. Continue the osteotomy using the Guided Drill $\varnothing 2,4\text{mm} \times \text{L } 15\text{mm}^*$
4. Continue the osteotomy using the Guided Drill $\varnothing 2,4\text{mm}$ at the same implant length to be inserted. Choose among Guided drills L 18-20-22-24-26mm inserted in the JD Guided Surgery Kit Extra Drills
5. Continue the osteotomy with Guided Drill $\varnothing 2,8\text{mm} \times \text{L } 6\text{mm}^*$
6. Continue the osteotomy with Guided Drill $\varnothing 3,2\text{mm} \times \text{L } 6\text{mm}^*$
7. Complete the osteotomy with Guided Drill $\varnothing 3,6\text{mm} \times \text{L } 6\text{mm}^*$

*the marked drills are not present in this brochure.
Please refer to JD Guided Surgery Kit brochure available at www.jdentalcare.com