

NobelPearl™ Tapered implant system

Quick guide

This quick guide does not replace the Instructions for Use. Please review the Instructions for Use before using the products.

Surgical procedure

Site preparation

Prepare implant site using NobelPearl Tapered Twist Drill 2.3 mm and respective NobelPearl Tapered Drill depending on implant to be installed.

The implant can be positioned **1.6 mm** supracrestal (A) or **0.6 mm** supracrestal (B).

For placement at 0.6 mm supracrestal, the NobelPearl Tapered Drill and NobelPearl Tapered Screw Tap must be inserted 1 mm deeper (B).

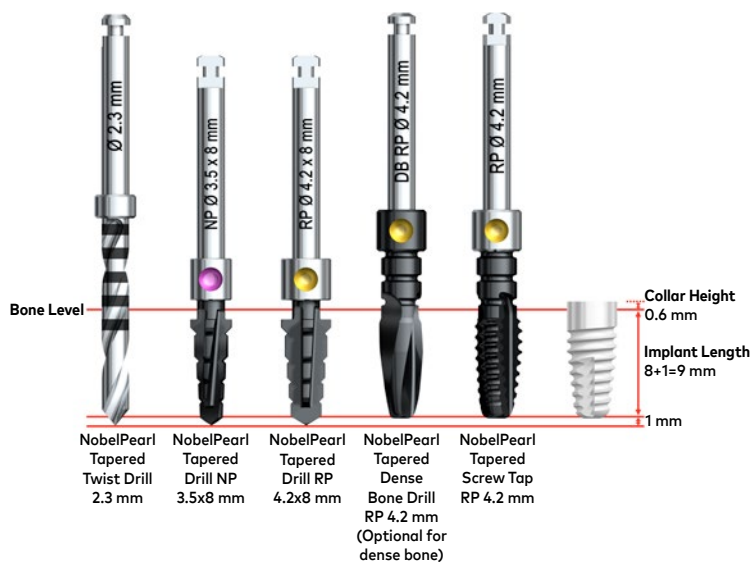
Note: For implant length of 14 mm, it is not recommended to place the implant 0.6 mm supracrestal.

Use of the NobelPearl Screw Tap is mandatory.



(A)

Note: Drill speeds for WP differ from RP. Please refer to the IFU.



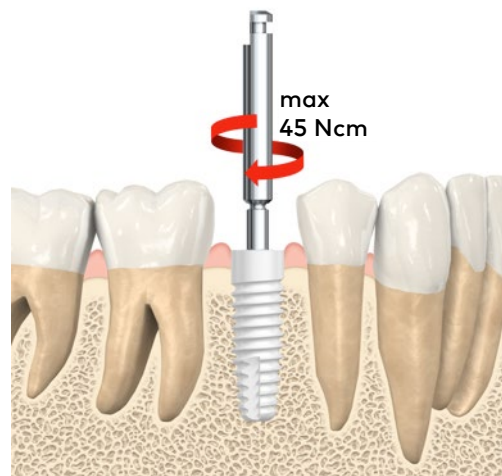
(B)

Implant insertion

Insert the implant in the osteotomy with **low speed (max. 15 rpm)** using the NobelPearl Implant Driver Inter-X.

Tighten the implant with the NobelPearl Manual Torque Wrench using **20–30 Ncm** insertion torque (max. 45 Ncm).

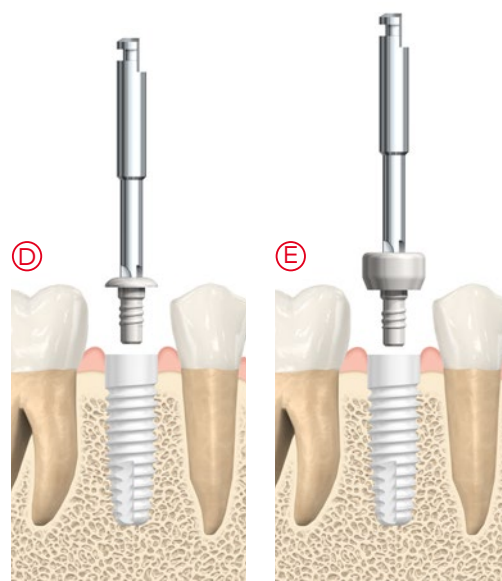
Note: The NobelPearl Implant Driver Inter-X has a predetermined fracture point of approximately 50 Ncm. Never use the NobelPearl Rescue Driver Inter-X for insertion.



Healing phase

Connect and tighten the NobelPearl Cover Screw Inter-X (D) or NobelPearl Healing Abutment Inter-X (E) to the implant (max. 5 Ncm).

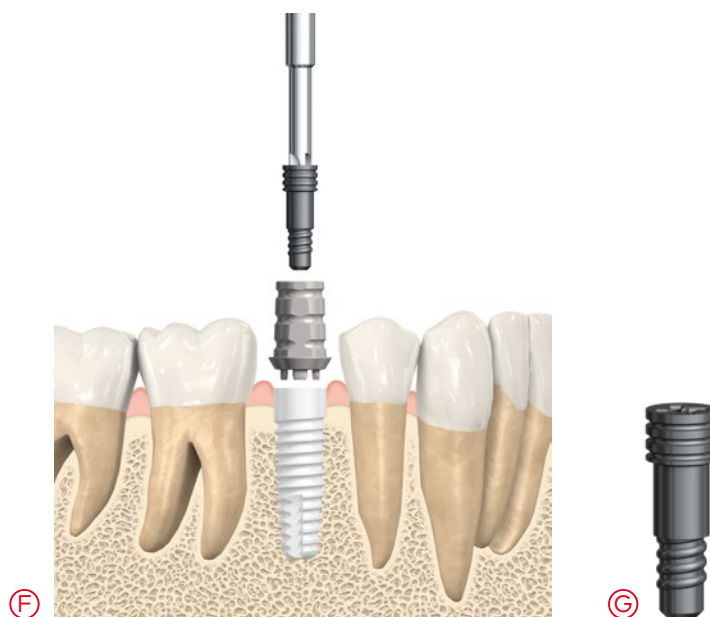
Note: NobelPearl Tapered implants are intended for delayed loading.



Restorative procedure

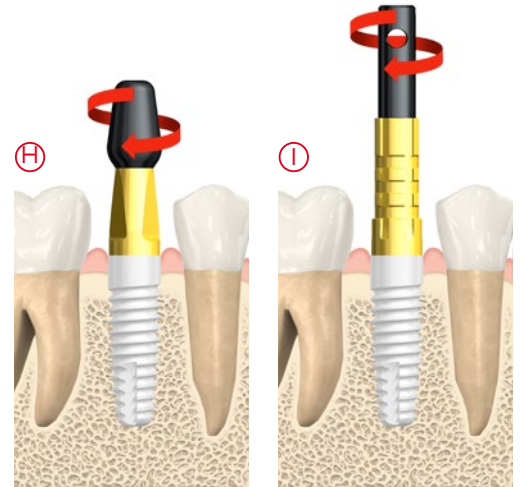
Temporization

Create a temporary restoration using the NobelPearl Temporary Abutment Inter-X (F) and connect it to the implant with the NobelPearl Temporary Clinical Screw Inter-X (G) using a torque of 15 Ncm.



Impression taking

Take an impression using a closed (H) or open (I) tray.



Finalization

Conventional workflow:

Select an appropriate abutment. If necessary, adjust the height of the abutment. Only the conical part of the abutment can be shortened (J).

For work in the laboratory, the NobelPearl Lab Screw Inter-X (K) can be used (max. 5 Ncm).

Create a screw-retained or cement-retained restoration. The screw channel for the NobelPearl Definitive Clinical Screw Inter-X is \varnothing 2.8 mm. Alternatively, the screw channel can be reduced to \varnothing 2.2 mm.

Connect the abutment/restoration to the implant with the NobelPearl Definitive Clinical Screw Inter-X (L) using 25 Ncm torque. The NobelPearl Definitive Clinical Screw Inter-X may only be tightened once to the maximum torque.

Digital workflow:

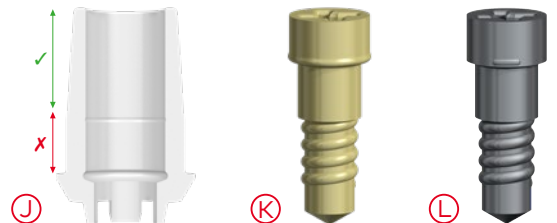
Connect the NobelPearl Position Locator Inter-X (M) to the model using a maximum torque of 15 Ncm. Scan following the usual scan routines.

Note: The NobelPearl Position Locator Inter-X is not intended for intraoral scanning.

Select the appropriate NobelPearl Ceramic Base abutment from the implant library and design the crown/bridge. Send the design file to a milling machine.


Cement the crown/bridge to the NobelPearl Ceramic Base according to the cement manufacturer's instructions.

Connect the abutment/restoration to the implant with the NobelPearl Definitive Clinical Screw Inter-X (L) using 25 Ncm torque. The NobelPearl Definitive Clinical Screw Inter-X may only be tightened once to the required torque.




Surgical and prosthetic components


NobelPearl Tapered (incl. cover screw)

	RP	WP
	Ø 4.2 mm	Ø 5.5 mm
8 mm	300755	300759
10 mm	300756	300760
12 mm	300757	300761
14 mm	300758	


NobelPearl Cover Screw

	RP	WP
	300699	300701


NobelPearl Healing Abutments

	RP	WP
	Ø 4.2 mm	3 mm
	4 mm	300708
	300709	
	Ø 5.5 mm	3 mm
	4 mm	300710
		300712


NobelPearl Temporary Abutment¹

	RP	WP
	300714	300715

NobelPearl Abutments (incl. Definitive Clinical Screw)

	RP	WP
	Straight	1 mm
	2 mm	300664
	300667	300668
	15°	1 mm
		300670
		300671

NobelPearl Ceramic Base (incl. Definitive Clinical Screw)


	RP	WP
	Engaging	300673
	300674	
	Non-Engaging	300676
		300677

Lab components


Screws

	RP	WP
	Definitive Clinical Screw	300691
	300691	300691
	Temporary Clinical Screw	300693
	300693	300693
	Lab Screw	300695
	300695	300695


NobelPearl Impression Coping

	RP	WP
	Open Tray	300717
	300718	
	Closed Tray	300720
	300721	
	Closed Tray Long	300723
		300724


NobelPearl Position Locator²

	RP	WP
	300726	300727

NobelPearl Implant Replica

	RP	WP
	300729	300730

NobelPearl Tapered Drill Stop

	NP	RP	WP
	300766	300767	300768

300772 NobelPearl Prosthetic Kit Inter-X

300771	NobelPearl Prosthetic Kit Inter-X Box
300661	NobelPearl Screwdriver RP/WP 19 mm
300678	NobelPearl Screwdriver RP/WP 23 mm
300681	NobelPearl Screwdriver RP/WP 28 mm
300764	NobelPearl Manual Torque Wrench Adapter
300765	NobelPearl Manual Torque Wrench

300770 NobelPearl Tapered Surgery Kit

300769	NobelPearl Tapered Surgery Kit Box	300748	NobelPearl Tapered Drill WP 5.5 x 12 mm
300731	NobelPearl Round Bur 2 mm	300749	NobelPearl Tapered Screw Tap WP 5.5 mm
300732	NobelPearl Tapered Twist Drill 2.3 mm	300750	NobelPearl Tapered Dense Bone Drill WP 5.5 mm
300733	NobelPearl Tapered Drill NP 3.5 x 8 mm	C7650	Elos Drill Extender
300734	NobelPearl Tapered Drill NP 3.5 x 10 mm	300751	NobelPearl Tapered Depth/Direction Indicators
300735	NobelPearl Tapered Drill NP 3.5 x 12 mm	300661	NobelPearl Screwdriver RP/WP 19 mm
300736	NobelPearl Tapered Drill NP 3.5 x 14 mm	300678	NobelPearl Screwdriver RP/WP 23 mm
300740	NobelPearl Tapered Drill RP 4.2 x 8 mm	300681	NobelPearl Screwdriver RP/WP 28 mm
300741	NobelPearl Tapered Drill RP 4.2 x 10 mm	300688	NobelPearl Implant Driver Inter-X RP/WP 20 mm
300742	NobelPearl Tapered Drill RP 4.2 x 12 mm	300689	NobelPearl Implant Driver Inter-X RP/WP 25 mm
300743	NobelPearl Tapered Drill RP 4.2 x 14 mm	300763	NobelPearl Rescue Driver Inter-X RP/WP
300744	NobelPearl Tapered Screw Tap RP 4.2 mm	300764	NobelPearl Manual Torque Wrench Adapter
300745	NobelPearl Tapered Dense Bone Drill RP 4.2 mm	300765	NobelPearl Manual Torque Wrench
300746	NobelPearl Tapered Drill WP 5.5 x 8 mm		
300747	NobelPearl Tapered Drill WP 5.5 x 10 mm		

1 Including Temporary Clinical Screw
2 Including Lab Screw

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