

NobelPearl™ Tapered implant system

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

Surgical procedure

Site preparation

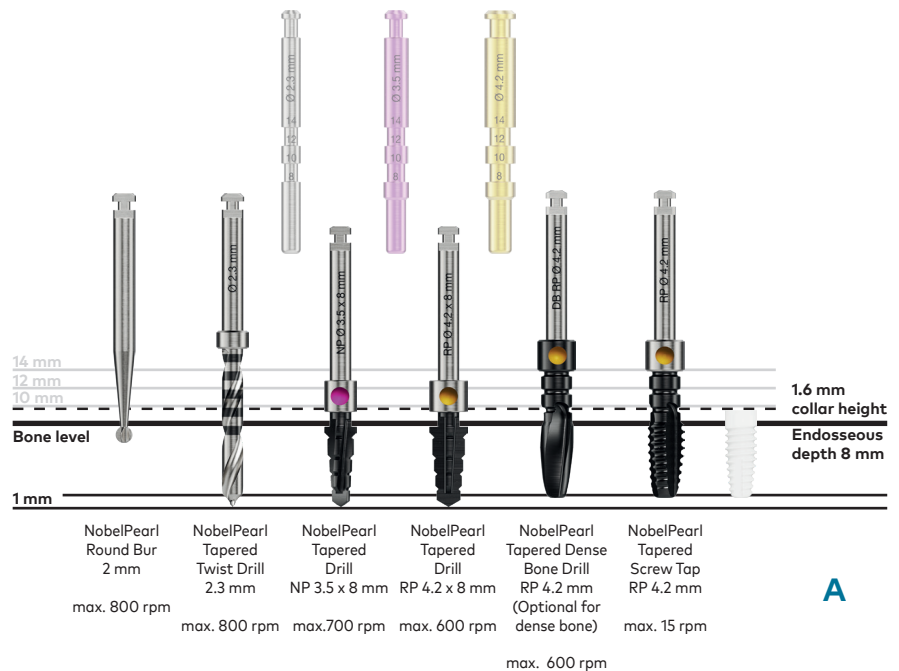
Prepare implant site using NobelPearl Tapered Twist Drill 2.3 mm and respective NobelPearl Tapered Drill depending on implant to be installed.

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

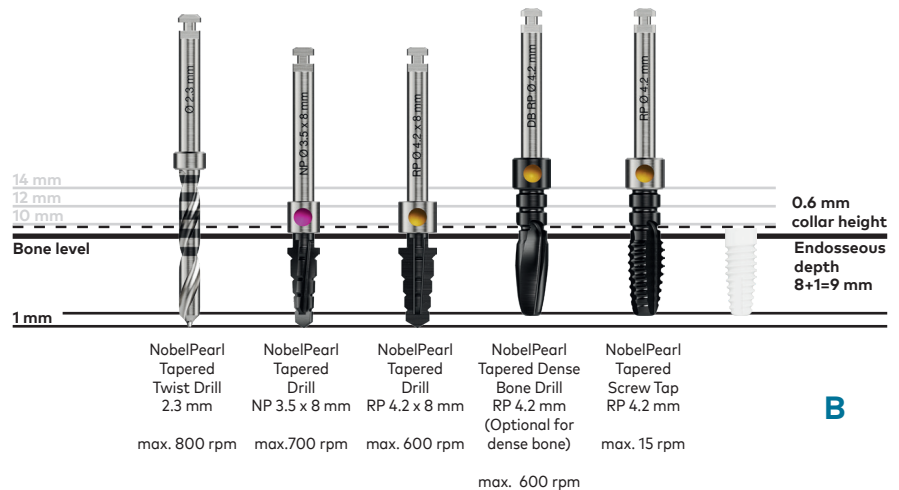
For placement at 0.6 mm supracrestal, the NobelPearl Tapered Drill and NobelPearl Tapered Screw Tap must be inserted 1 mm deeper (B).

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.



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



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.

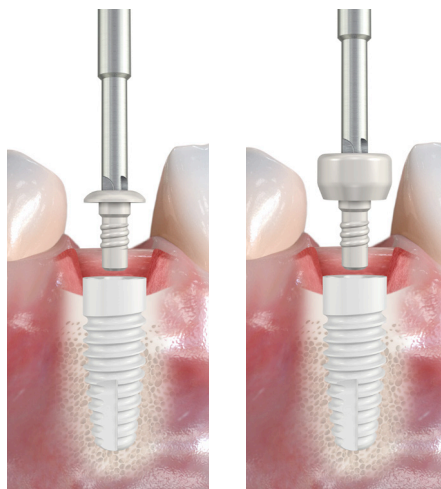


C

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.



D

E

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.



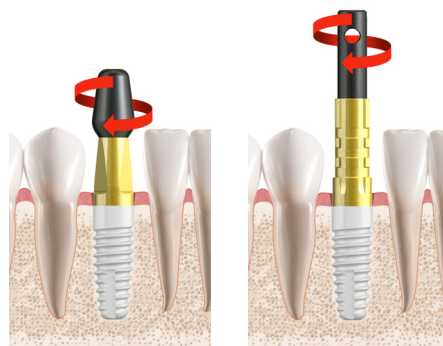
F



G

Impression taking

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



H

I

Finalization

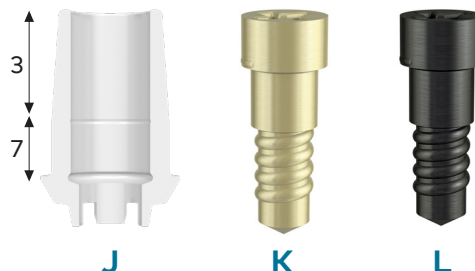
Conventional workflow:

Select an appropriate abutment. If necessary, adjust the height of the abutment. Only the coronal 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. The NobelPearl Screwdriver can be utilized to create the screw channel. When using a reduced-diameter screw channel, the NobelPearl Definitive Clinical Screw Inter-X must be inserted in the abutment in the laboratory prior to cementing the crown/bridge onto the abutment.

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.**



J

K

L

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 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.**




M

Surgical and prosthetic components


NobelPearl Tapered (incl. cover screw)

	NP	RP	WP
	Ø 3.5 mm	Ø 4.2 mm	Ø 5.5 mm
	8 mm	300752	300755 300759
	10 mm	300753	300756 300760
	12 mm	300754	300757 300761
	14 mm		300758


NobelPearl Healing Abutments

		NP	RP	WP
	Ø 4 mm	3 mm	300702	
		4 mm	300705	
	Ø 5 mm	3 mm	300708	
		4 mm	300709	
	Ø 6 mm	3 mm		300710
		4 mm		300712


NobelPearl Abutments (incl. Definitive Clinical Screw)

		NP	RP	WP
	Straight	1 mm	300663	300664 300665
		2 mm	300666	300667 300668
	15°	1 mm	300669	300670 300671


NobelPearl Cover Screw

	NP	RP	WP
	300698	300699	300701


NobelPearl Ceramic Base (incl. Definitive Clinical Screw)

		NP	RP	WP
	Engaging	301263	301264	301265
	Non-Engaging	301285	301286	301287


NobelPearl Temporary Abutment¹

	NP	RP	WP
	300713	300714	300715

Screws

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

NobelPearl Docklocs Abutments

	2 mm	3 mm	4 mm
	301252	301253	301254

Analogs / Replicas

Locator® Female Analog Ø 4 mm 4/pkg	REF08530
Locator® Female Analog Ø 4 mm 20/pkg	REF08530-20
Locator® Female Analog Ø 5 mm 4/pkg	REF08516
Locator® Female Analog Ø 5 mm 20/pkg	REF08516-20

Locator Males – up to 40° divergence between implants

Locator® Zero Retention Extended Range Male 0Lbs/0g (gray) (4/pkg)	REF08558
Locator® Zero Retention Extended Range Male 0Lbs/0g (gray) (20/pkg)	REF08558-20
Locator® Extra Light Extended Range Male 1Lbs/450g (red) (4/pkg)	REF08548
Locator® Extra Light Extended Range Male 1Lbs/450g (red) (20/pkg)	REF08548-20
Locator® Light Extended Range Male 2Lbs/910g (orange) (4/pkg)	REF08915
Locator® Light Extended Range Male 2Lbs/910g (orange) (20/pkg)	REF08915-20
Locator® Extended Range Replacement Male 4Lbs/1810g (green) (4/pkg)	REF08547
Locator® Extended Range Replacement Male 4Lbs/1810g (green) (20/pkg)	REF08547-20

Processing




Locator® Impression Coping 4/pkg	REF08505
Locator® Impression Coping 20/pkg	REF08505-20
Locator® Male Processing Pkg (2/pkg)	REF08519-2
Locator® Male Processing Pkg (10/pkg)	REF08519-10
White Block Out Spacer 20/pkg	REF08514

Tooling

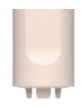
Insertion Instrument	Coming Soon
----------------------	-------------

Lab components


NobelPearl Impression Coping

	NP	RP	WP
 Open Tray	300716	300717	300718
 Closed Tray	300719	300720	300721
 Closed Tray Long	300722	300723	300724


NobelPearl Position Locator²

	NP	RP	WP
	301246	301247	301248

NobelPearl Implant Replica³

	NP	RP	WP
	301249	301250	301251

NobelPearl Tapered Drill Stop

	NP	RP	WP
	300766	300767	300768

1 Including Temporary Clinical Screw

2 Including Position Locator Screw

3 Excluding Digital Implant Replica Placer

300772 NobelPearl Prosthetic Kit Inter-X

300771 NobelPearl Prosthetic Kit Inter-X Box

300661 NobelPearl Screwdriver 19 mm

300678 NobelPearl Screwdriver 23 mm

300681 NobelPearl Screwdriver 28 mm

301311 NobelPearl Manual Torque Wrench Adapter

301312 NobelPearl Manual Torque Wrench

301307 Abutment Screw Retrieval Kit

Rescue-Shell XT REGULAR

Rescue-Shell XT WIDE

Rescue-Shell XT SMALL

Round drill «counterclockwise»

Round Drill

Rescue Cleaning Brush

Polyethylene - flat bag

301267 NobelPearl Tapered Surgery Kit

301266 NobelPearl Tapered Surgery Kit Box

300731 NobelPearl Round Bur 2 mm

300732 NobelPearl Tapered Twist Drill 2.3 mm

300733 NobelPearl Tapered Drill NP 3.5 x 8 mm

300734 NobelPearl Tapered Drill NP 3.5 x 10 mm

300735 NobelPearl Tapered Drill NP 3.5 x 12 mm

300736 NobelPearl Tapered Drill NP 3.5 x 14 mm

300737 NobelPearl Tapered Screw Tap NP 3.5mm

300738 NobelPearl Tapered Dense Bone Drill NP 3.5mm

300739 NobelPearl Tapered Cortical Drill NP

300740 NobelPearl Tapered Drill RP 4.2 x 8 mm

300741 NobelPearl Tapered Drill RP 4.2 x 10 mm

300742 NobelPearl Tapered Drill RP 4.2 x 12 mm

300743 NobelPearl Tapered Drill RP 4.2 x 14 mm

300744 NobelPearl Tapered Screw Tap RP 4.2 mm

300745 NobelPearl Tapered Dense Bone Drill RP 4.2 mm

300746 NobelPearl Tapered Drill WP 5.5 x 8 mm

300747 NobelPearl Tapered Drill WP 5.5 x 10 mm

300748 NobelPearl Tapered Drill WP 5.5 x 12 mm

300749 NobelPearl Tapered Screw Tap WP 5.5 mm

300750 NobelPearl Tapered Dense Bone Drill WP 5.5 mm

C7650 Elos Drill Extender

300751 NobelPearl Tapered Depth/Direction Indicators

300661 NobelPearl Screwdriver 19 mm

300678 NobelPearl Screwdriver 23 mm

300681 NobelPearl Screwdriver 28 mm

300688 NobelPearl Implant Driver Inter-X 20 mm

300689 NobelPearl Implant Driver Inter-X 25 mm

300763 NobelPearl Rescue Driver Inter-X

301311 NobelPearl Manual Torque Wrench Adapter

301312 NobelPearl Manual Torque Wrench



nobelbiocare.com/nobelpearl



MKT-5349 Rev 00 (03/23, GMT 84287) © Nobel Biocare USA, LLC, 2023. All rights reserved. Nobel Biocare, the Nobel Biocare logotype and all other trademarks are, if nothing else is stated or is evident from the context in a certain case, trademarks of Nobel Biocare. Please refer to nobelbiocare.com/trademarks for more information. Product images are not necessarily to scale. All product images are for illustration purposes only and may not be an exact representation of the product. Please contact the local Nobel Biocare sales office for current product assortment and availability. Caution: Federal (United States) law or the law in your jurisdiction restricts this device to sale by or on the order of a dentist or a physician. See Instructions For Use for full prescribing information, including indications, contraindications, warnings and precautions. NobelPearl™ distributed by: Nobel Biocare. Legal manufacturer: Dentalpoint AG, Bodenackerstrasse5, 8957 Spreitenbach, Switzerland. VICARBO and ZERAFIL are trademarks of Dentalpoint AG.