



Transforming the Implant Industry

Broadest Product Line
Highest Quality-Best Value

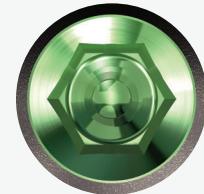


System Overview 2012

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Legacy™ System Pages 2-5



Compatible with
*Zimmer Screw-Vent®



All-in-One Packaging includes abutment, transfer, healing collar and cover screw.



Spectra® System Pages 6-9



All-in-One Packaging includes application specific one- and two-piece implants with the same implant body and surgical protocol for all six implants, abutment, transfer, healing collar, comfort cap and cover screw.



Tri-Lobe System Pages 10-13



Compatible with
*Nobel Biocare™



All-in-One Packaging includes abutment, transfer and cover screw.



Swish™ System Pages 14-17



†Compatible with
*Straumann



All-in-One Packaging includes abutment, transfer, healing collar and cover screw.

EVEN BETTER, TOGETHER: Implant Direct Sybron

The merger of Implant Direct and Sybron Implant Solutions marks the combination of Sybron Dental Solutions, a company with a 100-year tradition of quality and customer service, Attachments International and Dr. Gerald Niznick's Implant Direct, the fastest growing company in the implant industry. Implant Direct was started in 2004, but its heritage goes back to 1982 with Core-Vent Corporation, which evolved into Paragon Implant Company before being purchased in 2001 by Zimmer Dental.

In October 2006 Implant Direct launched the sale of Spectra® System, "Application Specific" implants, with All-in-One packaging. Further product developments included the Tri-Lobe, Legacy™ and Swish™ Systems providing cross-compatibility to Nobel Biocare, Zimmer Dental and Straumann Systems. Implant Direct developed the industry's first and only lights-out manufacturing process for unparalleled precision and production efficiency. This technology, coupled with an intuitive online ordering system, allows Implant Direct to offer dentists up to 70% savings compared to the six leading implant companies, bringing about a price point shift in the dental implant industry.

After successfully bringing a new generation of dental implants and prosthetic components to the market, with many other new products in development, Implant Direct was an attractive acquisition for Sybron Implant Solutions. The merger offered Implant Direct the opportunity to broaden its product line by including Attachments International's prosthetic components and Sybron's biologics materials while creating a broader global footprint through Sybron's network.

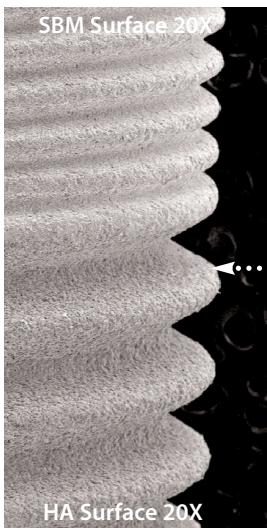
As a result of the merge, Implant Direct has over 100 regional sales and customer support people in North America alone. The European headquarters in Zurich supports a large direct sales force in Germany, Switzerland and Italy in addition to a global network of distributors covering every continent.

Implant Direct is 100% committed to bringing quality, innovation, service and value to dentists and laboratory technicians at affordable prices. The merger will assure dental professionals that Implant Direct is fully capable of delivering on that commitment. We look forward to meeting your implant needs and exceeding your expectations for service and support.

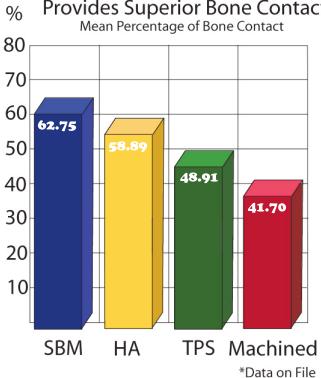
SBM and HA surfaces with 18 years of documented clinical success

The SBM surface is created by using a Soluble Blast Media of Hydroxylapatite (HA) crystals to create a medium-rough texture. We use the same vendor for SBM and HA coated surface treatments as was used by Paragon Implant Company since 1992 when these studies were conducted.

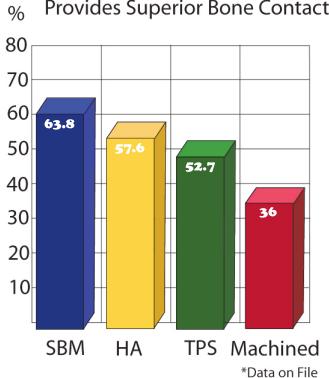
SEMs of Surfaces



Brazilian Study* Shows SBM Provides Superior Bone Contact



LSU Study* Shows SBM Provides Superior Bone Contact

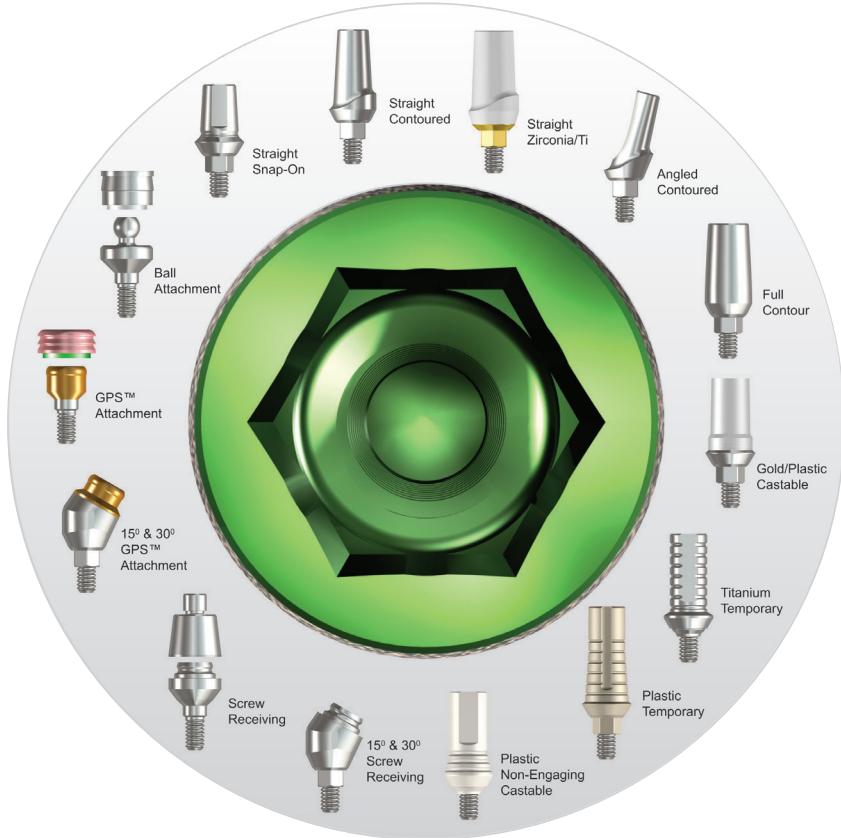


Animal Studies Bone Response to SBM Surface





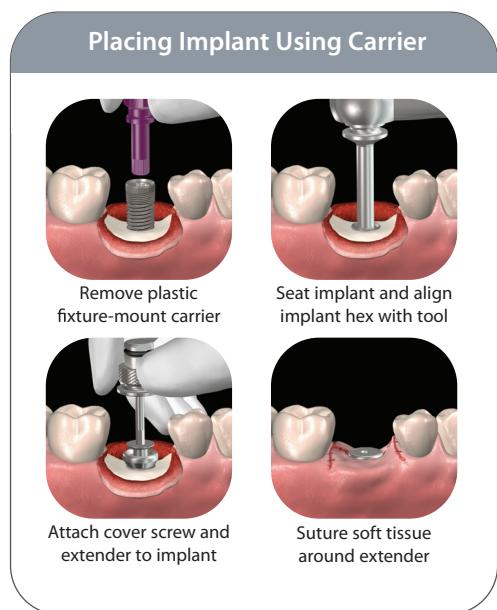
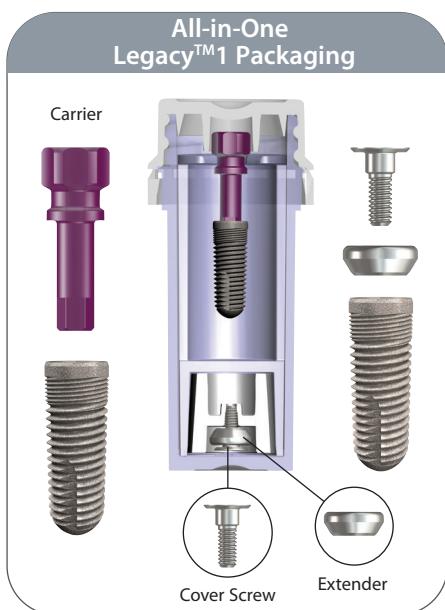
Legacy™ System and prosthetic options



Legacy™1 Implant

Compatible with Zimmer Dental Tapered Screw-Vent System

- **Connection:** Color-coded internal hex with lead-in bevel
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw and 2mm healing collar
- **Implant Lengths:** 8/10/11.5/13/16mm. Even taper with two cutting grooves halfway up implant
- **Implant Threads:** Micro-threads with double-lead standard "V" threads





Legacy™ System

Legacy™2 Implant

Compatible with Zimmer Dental Tapered Screw-Vent System

- **Connection:** Color-coded internal hex with lead-in bevel
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw, 2mm healing collar, transfer and titanium temporary abutment
- **Implant Lengths:** 8/10/11.5/13/16mm. Top 1/3 is straight with tapered section having three cutting grooves
- **Implant Threads:** Micro-threads with double-lead progressively deeper spiral threads



All-in-One Legacy™2 Packaging		Prosthetic Platforms					Placing Carrier/Transfers & Making Impressions		
Fixture-Mount Transfer		3.5mmD Platform	3.5mmD Platform	4.5mmD Platform	5.7mmD Platform	5.7mmD Platform			
Cover Screw		3.7mmD Implant	4.2mmD Implant	4.7mmD Implant	5.7mmD Implant	7.0mmD Implant			
Extender									

Legacy™3 Implant

Compatible with Zimmer Dental Tapered Screw-Vent System

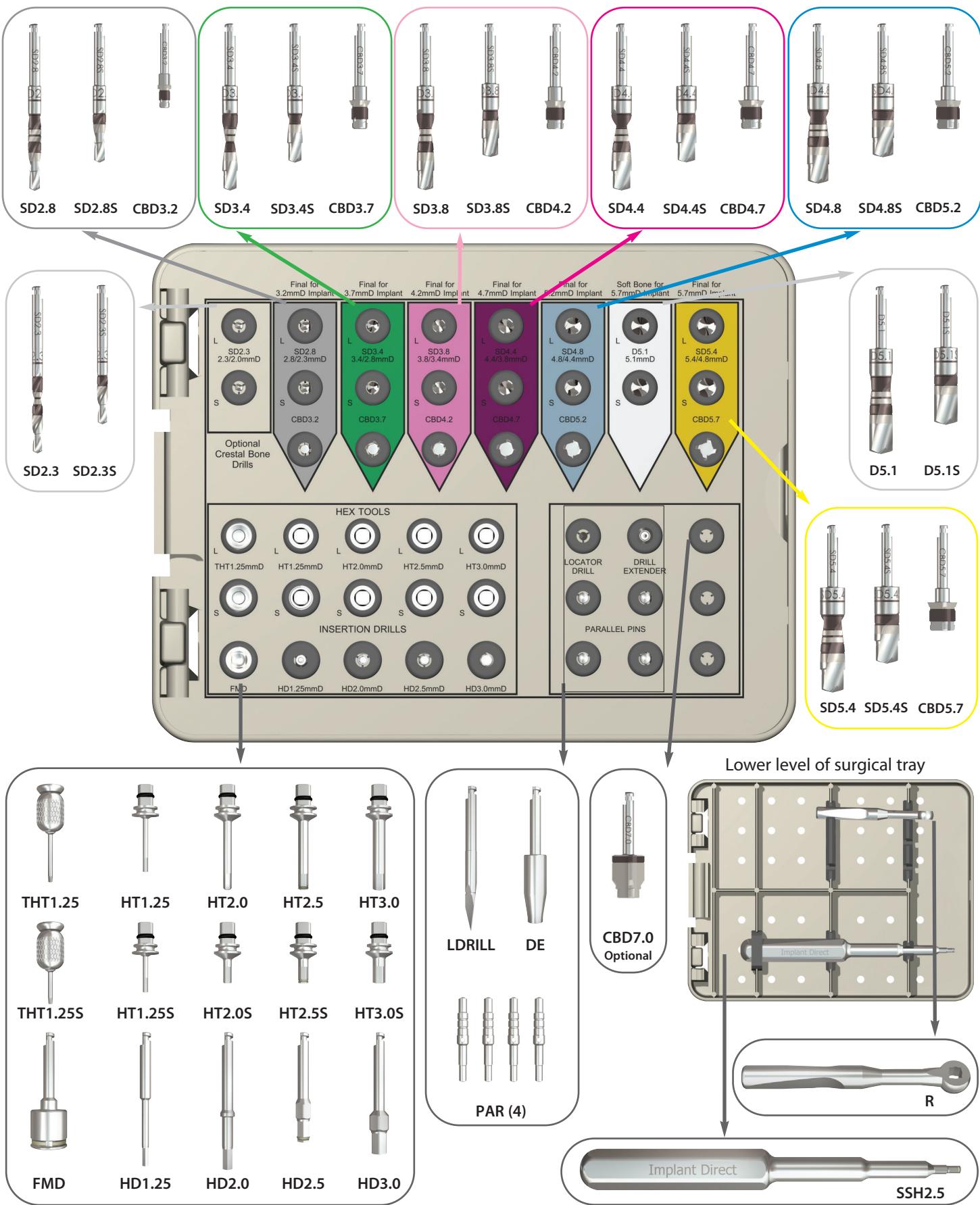
- **Connection:** Color-coded internal hex with lead-in bevel
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw, 2mm healing collar, transfer and titanium abutment
- **Implant Lengths:** 6/8/10/11.5/13/16mm. Even taper with two cutting grooves halfway up implant
- **Implant Threads:** Micro-threads with double-lead, progressively deeper buttress threads



All-in-One Legacy™3 Packaging		Prosthetic Platforms					
Fixture-Mount Transfer		3.0mmD Platform	3.5mmD Platform	3.5mmD Platform	4.5mmD Platform	4.5mmD Platform	5.7mmD Platform
Cover Screw		3.2mmD Implant	3.7mmD Implant	4.2mmD Implant	4.7mmD Implant	5.2mmD Implant	5.7mmD Implant
Extender							



Surgical Tray for Spectra® System, Legacy™ System, RePlus® and ReActive™ Implants





Drill Sequence for Spectra® System, Legacy™ System, RePlus® and ReActive™ Implants

3.2mmD Straight /Tapered Implant

3.0/3.2



Soft Bone Final



SD2.3
2.3/2.0mmD

Dense Bone Final



SD2.8
2.8/2.3mmD

Optional
Bone Contour

CBD3.2

3.7mmD Straight /Tapered Implant

3.5/3.7



SD2.3
2.3/2.0mmD

Soft Bone Final



SD2.8
2.8/2.3mmD

Dense Bone Final



SD3.4
3.4/2.8mmD

Optional
Bone Contour

CBD3.7

4.2mmD Straight /Tapered Implant

3.5/4.2



SD2.3
2.3/2.0mmD

SD2.8
2.8/2.3mmD

Soft Bone Final



SD3.4
3.4/2.8mmD

Dense Bone Final



SD3.8
3.8/3.4mmD

Optional
Bone Contour

CBD4.2

4.7mmD Straight /Tapered Implant

4.5/4.7



SD2.3
2.3/2.0mmD

SD2.8
2.8/2.3mmD

SD3.4
3.4/2.8mmD

Soft Bone Final



SD3.8
3.8/3.4mmD

Dense Bone Final



SD4.4
4.4/3.8mmD

Optional
Bone Contour

CBD4.7

5.2mmD Straight /Tapered Implant

4.5/5.2



SD2.3
2.3/2.0mmD

SD2.8
2.8/2.3mmD

SD3.4
3.4/2.8mmD

SD3.8
3.8/3.4mmD

Soft Bone Final



SD4.4
4.4/3.8mmD

Dense Bone Final



SD4.8
4.8/4.4mmD

Optional
Bone Contour

CBD5.2

5.7mmD & 7.0mmD Straight /Tapered Implant

5.7/5.7



5.7/7.0



SD2.3
2.3/2.0mmD

SD2.8
2.8/2.3mmD

SD3.4
3.4/2.8mmD

SD3.8
3.8/3.4mmD

SD4.4
4.4/3.8mmD

SD4.8
4.8/4.4mmD

Soft Bone Final



SD5.1
5.1mmD

Dense Bone Final



SD5.4
5.4/4.8mmD

Optional
Bone Contour
for 5.7mmD

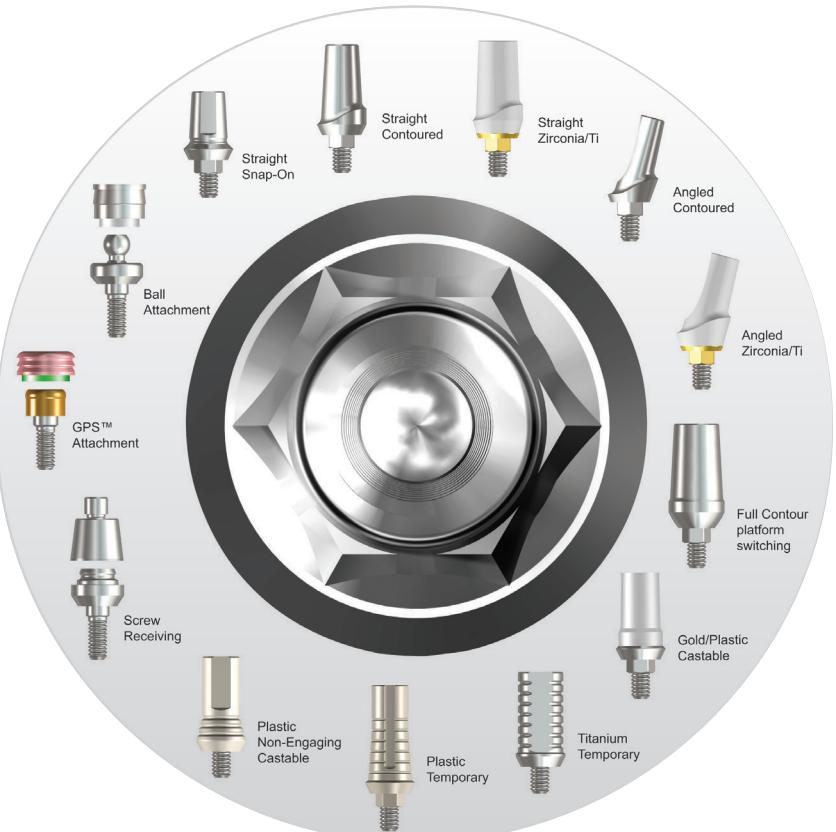
CBD5.7

Optional
Bone Contour
for 7.0mmD

CBD7.0



Spectra® System and prosthetic options



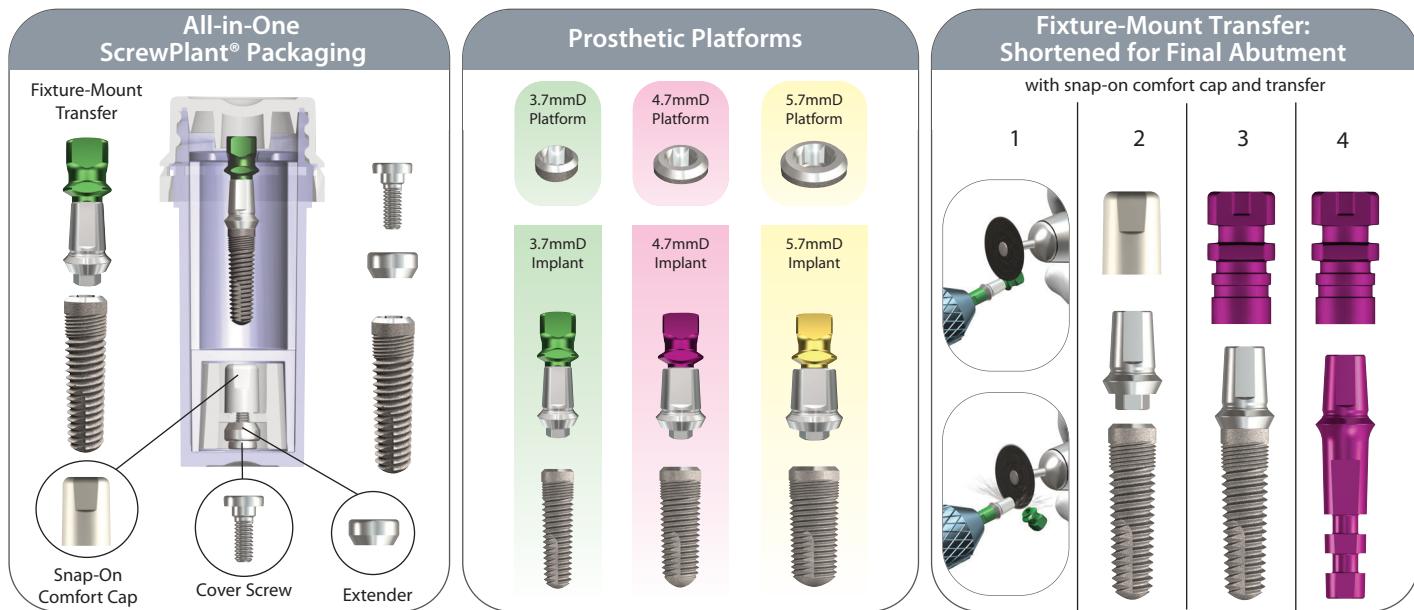


Spectra® System

ScrewPlant® Implant

Two-stage bone-level implant

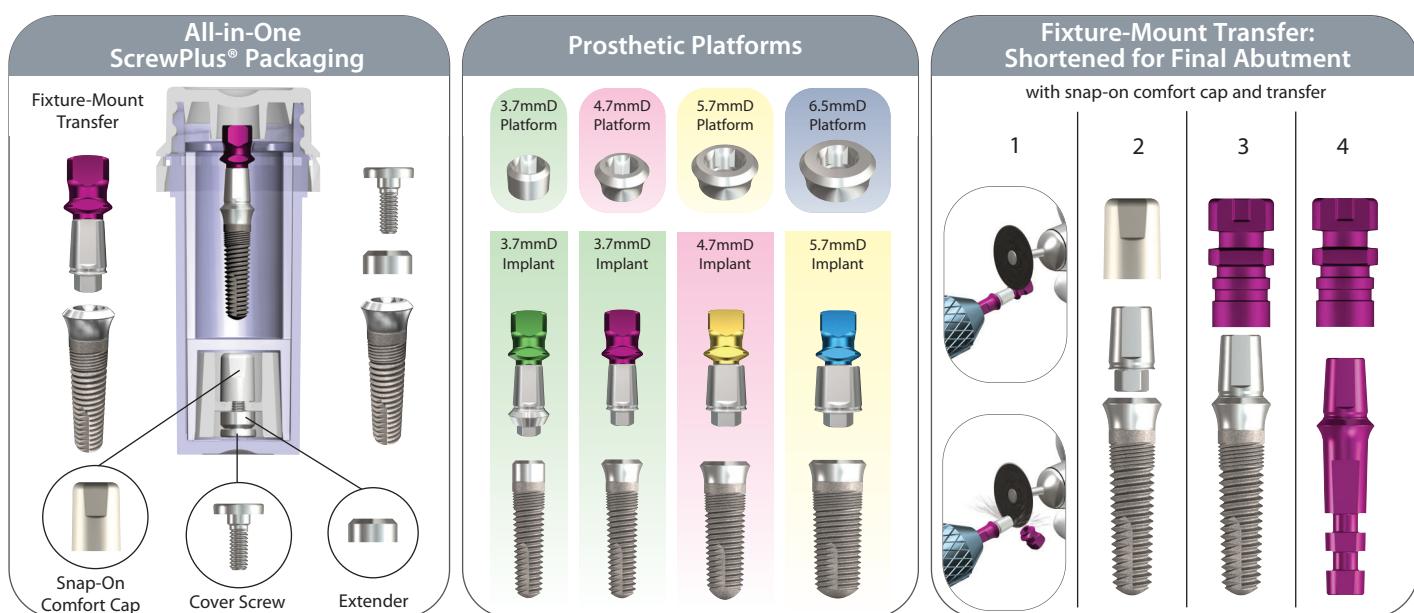
- **Connection:** Internal Hex (2mmL) with external bevel
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw, 2mm healing collar, comfort cap, transfer and titanium abutment
- **Implant Lengths:** 8/10/11.5/13/16mm



ScrewPlus® Implant

One-stage tissue-level implant

- **Connection:** Internal Hex (2mmL) with external bevel
- **Implant Shoulder:** 2mm in length
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw, 2mm healing collar, comfort cap, transfer and titanium abutment
- **Implant Lengths:** 8/10/11.5/13/16mm





Spectra® System

ScrewDirect® Implant

One-piece implant for cemented restorations

- **Connection:** One-piece implant with titanium straight abutment head
- **Implant Shoulder:** 1.5mm in length
- **Surface:** SBM (Soluble Blast Media)
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes snap-on transfer and comfort cap
- **Implant Lengths:** 10/13/16mm

All-in-One ScrewDirect® Packaging: Shows the Carrier/Transfer unit containing the implant and a Snap-On Comfort Cap.

Prosthetic Platforms: Displays four sizes of prosthetic platforms: 3.7mmD Platform (green), 4.7mmD Platform (pink), 5.7mmD Platform (yellow), and 6.5mmD Platform (blue).

Snap-On Comfort Cap and Transfer: Illustrates the use of the snap-on comfort cap to maintain tissue opening and the snap-on transfer for making an impression.

ScrewIndirect® Implant

One-piece implant for screw retained restorations

- **Connection:** One-piece implant with screw-receiving titanium abutment head
- **Implant Shoulder:** 2.5mm in length
- **Surface:** SBM (Soluble Blast Media)
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes snap-on transfers, comfort cap and 2mm implant extender
- **Implant Lengths:** 8/10/13/16mm

All-in-One ScrewIndirect® Packaging: Shows the Carrier/Transfer unit containing the implant, Extender, and Snap-On Comfort Cap.

Prosthetic Platforms: Displays four sizes of prosthetic platforms: 5.0mmD Platform (yellow), 3.0mmD Implant (orange), 3.7mmD Implant (green), 4.7mmD Implant (pink), and 5.7mmD Implant (yellow).

Snap-On Comfort Cap and Transfer: Illustrates the use of snap-on comfort caps and snap-on transfers for screw-retained restorations.

Clinical Applications: Shows the use of the system for a Screw-Retained Bar Overdenture and a Fixed-Detachable Restoration.



Spectra® System

GoDirect™ Implant

- **Connection:** Platform compatible with GPS™ Attachments and Zest Locator® Attachments*
- **Implant Shoulder:** 1.5 and 3.0mm in length
- **Surface:** SBM (Soluble Blast Media)
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes snap-on transfer and comfort cap
- **Implant Lengths:** 8/10/11.5/13mm

*Locator® is a registered trademark of Zest Anchors Company. The GoDirect™ and GPS™ Systems are neither authorized, endorsed nor sponsored by Zest Anchors Co.

All-in-One GoDirect™ Packaging

Carrier/Transfer, Snap-On Comfort Cap

Prosthetic Platforms

3.0mmD Implant, 3.7mmD Implant, 4.7mmD Implant

Snap-On Comfort Cap and Transfer

Use plastic carrier to carry implant, Attach comfort cap to implant, Attach implant carrier as impression transfer, Attach housing for chairside pick-up

ScrewRedirect® Implant

One-piece implant for anterior restorations

- **Connection:** One-piece implant with titanium angled abutment head (12°)
- **Surface:** SBM (Soluble Blast Media)
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes carrier
- **Implant Lengths:** 13/16mm

All-in-One ScrewRedirect® Packaging

Carrier

Prosthetic Platforms

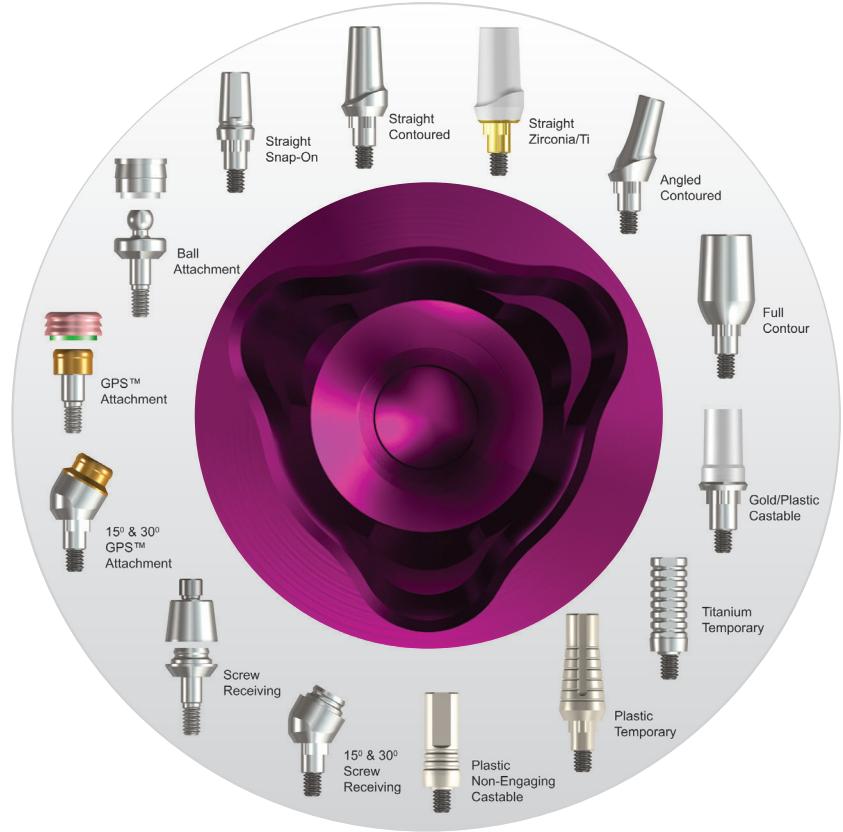
4.7mmD Platform, 5.7mmD Platform, 6.5mmD Platform

ScrewRedirect® Implant Placement

Rotate pin to check for 1mm clearance, Screw in using 2mm hex tool, Single lead threads for rotation control, Align angle and contour of implant, Prepare as required, Cement temporary out of occlusion



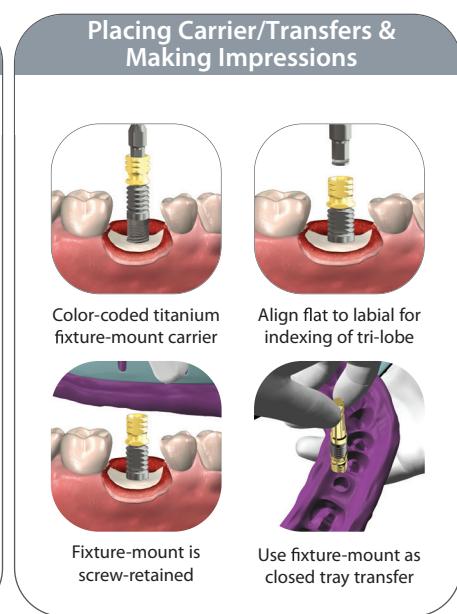
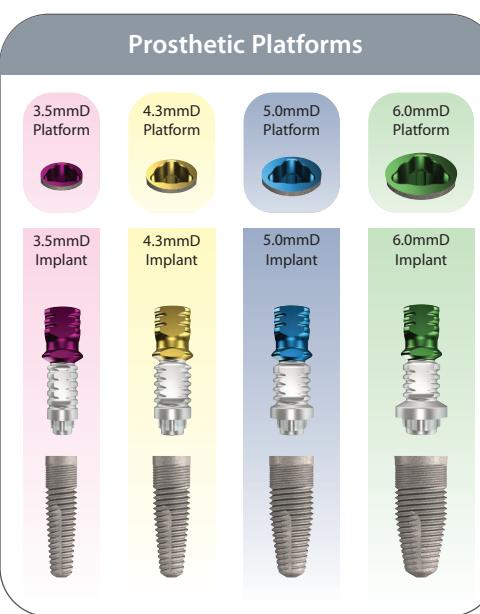
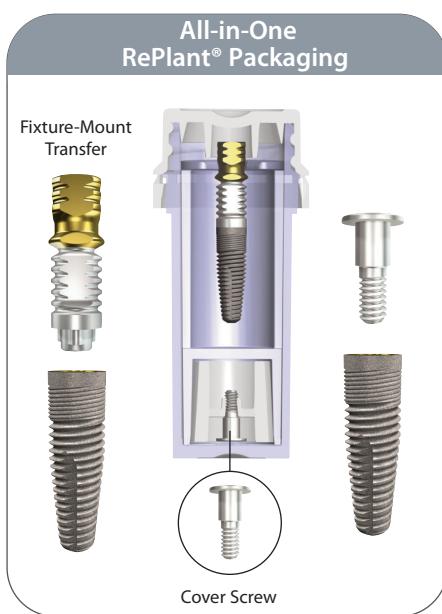
Tri-Lobe System and prosthetic options



RePlant® Implant

Compatible surgically and prosthetically with Nobel Biocare

- **Connection:** Internal color-coded Tri-Lobe for NobelReplace™ Abutments
- **Surface:** SBM (Soluble Blast Media)
- **Surgical Instruments:** RePlant® surgical kit
- **Implant Packaging:** Includes cover screw, transfer and titanium temporary abutment
- **Implant Lengths:** 8/10/11.5/13/16mm



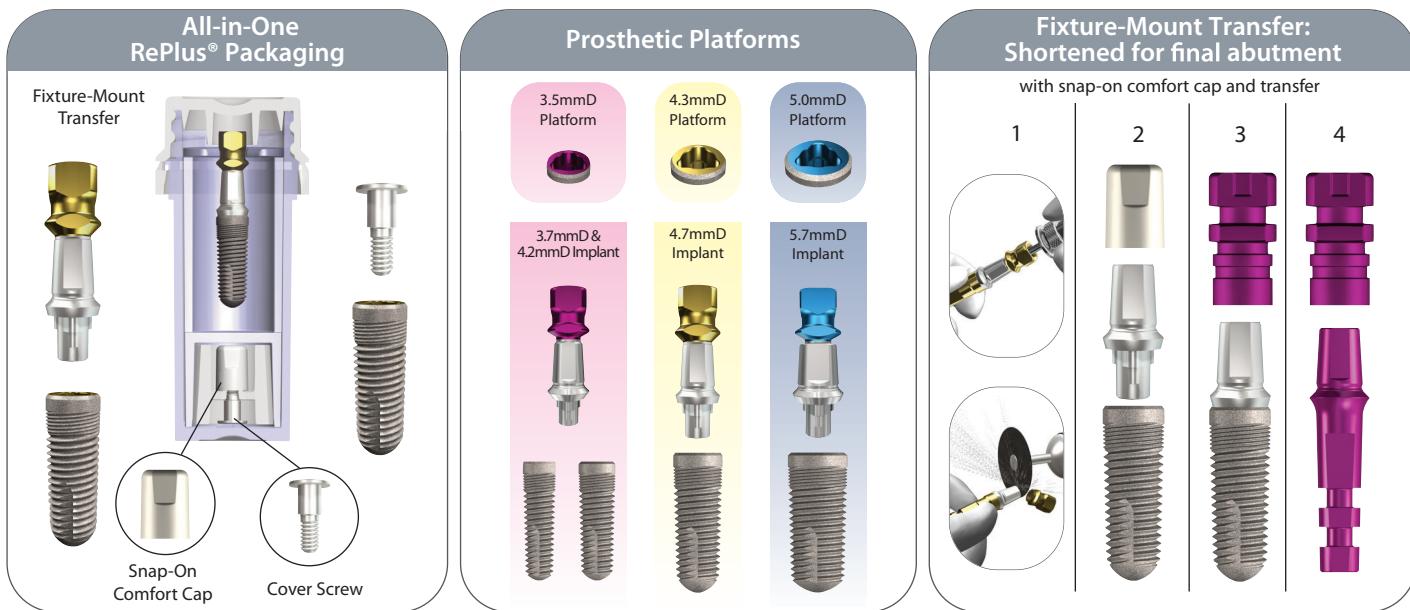


Tri-Lobe System

RePlus® Implant

Compatible prosthetically with Nobel Biocare

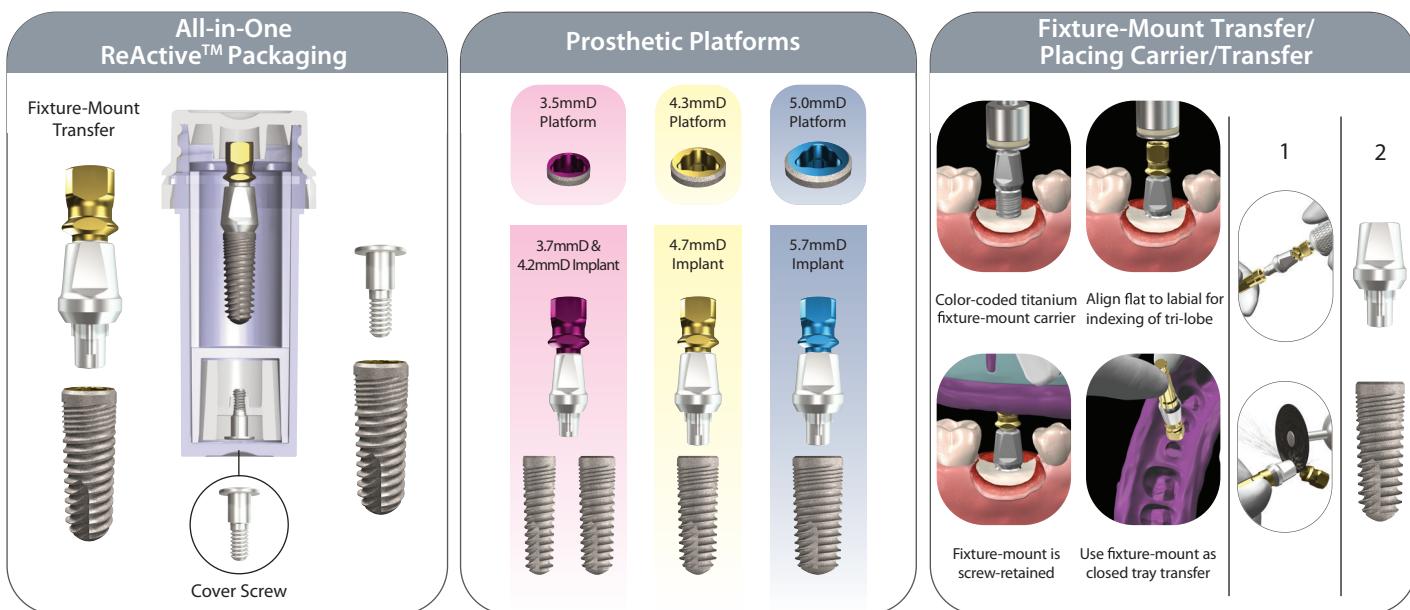
- **Connection:** Internal color-coded Tri-Lobe for NobelReplace™ Abutments
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw, comfort cap, transfer and titanium abutment
- **Implant Lengths:** 8/10/11.5/13/16mm



ReActive™ Implant

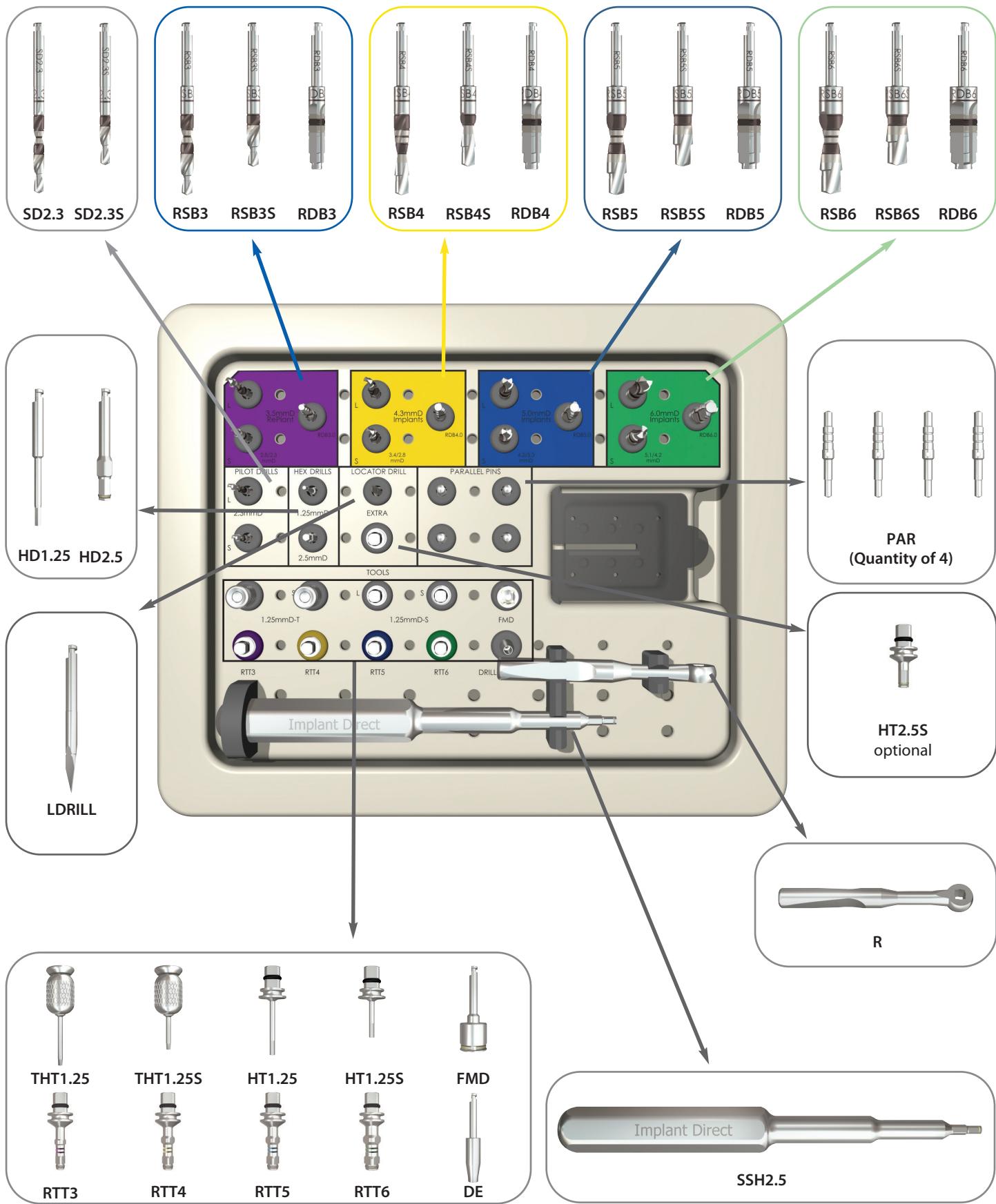
Compatible prosthetically with Nobel Biocare

- **Connection:** Internal color-coded Tri-Lobe for NobelReplace™ Abutments
- **Surface:** SBM (Soluble Blast Media) and HA coating
- **Surgical Instruments:** Spectra® System surgical kit
- **Implant Packaging:** Includes cover screw, transfer and titanium abutment
- **Implant Lengths:** 8/10/11.5/13/16mm





Surgical Tray for Tri-Lobe System





Drill Sequence for Tri-Lobe System

3.5mmD Straight / Tapered Implant



SD2.3
2.3/2.0mmD

Soft Bone Final



RSB3
2.8/2.3mmD

Dense Bone Final



RDB3
3.2mmD

4.3mmD Straight / Tapered Implant



SD2.3
2.3/2.0mmD



RSB3
2.8/2.3mmD



RSB4
3.4/2.8mmD



RDB4
4.0mmD

5.0mmD Straight / Tapered Implant



SD2.3
2.3/2.0mmD



RSB3
2.8/2.3mmD



RSB4
3.4/2.8mmD



RSB5
4.2/3.3mmD



RDB5
4.7mmD

6.0mmD Straight / Tapered Implant



SD2.3
2.3/2.0mmD



RSB3
2.8/2.3mmD



RSB4
3.4/2.8mmD



RSB5
4.2/3.3mmD



RSB6
5.1/4.2mmD



RDB6
5.7mmD



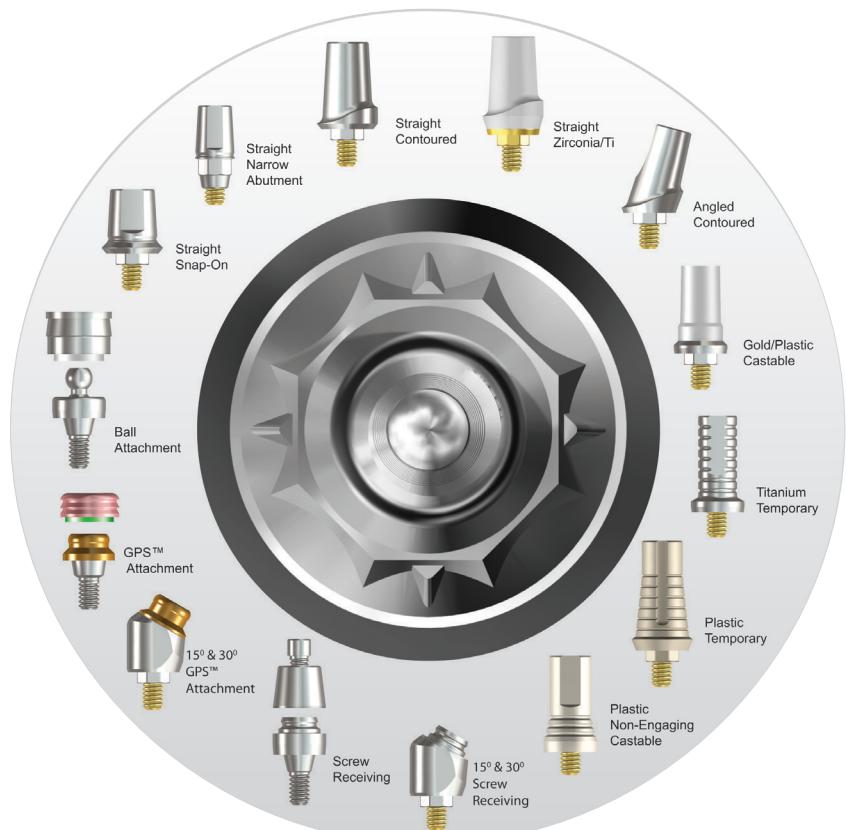
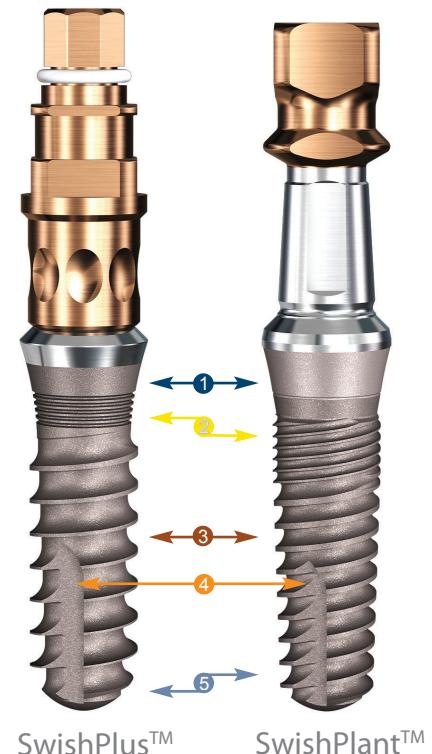
Swish™ System and prosthetic options

SwishPlus™

- ❶ 2mm neck half textured for tissue-level or esthetic placement
- ❷ Micro-grooves for improved tissue attachment & reduced stress
- ❸ Progressively-deeper single-lead threads for increased surface area & complete surgical compatibility
- ❹ Self-tapping groove for increased initial stability
- ❺ Tapered apical end to initiate self-tapping

SwishPlant™

- ❶ 2mm neck lightly textured for bone- or tissue-level placement
- ❷ Micro-threads for improved tissue attachment, reduced stress & increased stability
- ❸ Progressively-deeper double-lead threads for increased surface area & faster insertion
- ❹ Self-tapping groove for increased initial stability
- ❺ Tapered body for soft bone expansion



System Variation: 3.3mmD & 5.7mmD SwishPlus™ are tapered; 3.3mmD also has SwishPlant™ threads.



Swish™ System

SwishPlus™ Implant

Compatible surgically and prosthetically with Straumann

- **Connection:** Internal octagon (Narrow diameter implant has double internal hex connection)
- **Surface:** SBM (Soluble Blast Media)
- **Surgical Instruments:** Swish™ surgical kit or Straumann System*
- **Implant Packaging:** Includes cover screw, 2mm healing collar and carrier
- **Implant Lengths:** 6/8/10/12/14/16mm

All-in-One SwishPlus™ Packaging

The diagram shows the components of the All-in-One SwishPlus™ Packaging. It includes a Carrier/Transfer, a Cover Screw, and an Extender. The Carrier/Transfer contains the implant and a 2mm healing collar.

Prosthetic Platforms

The diagram displays various prosthetic platforms and implants. The platforms are color-coded by diameter: 3.7mmD Platform (light blue), 4.8mmD Platform (light orange), 4.8mmD Platform (light purple), 6.5mmD Platform (light yellow), and 6.5mmD Platform (light green). The implants are color-coded by length: 3.3mmD Implant (light blue), 4.1mmD Implant (light orange), 4.8mmD Implant (light purple), 4.8mmD Implant (light yellow), 5.7mmD Implant (light green).

One-Stage Implant Placement Options

The diagram illustrates four one-stage implant placement options:

- Tissue-level placement: Shows the implant being placed directly into the bone tissue.
- Bone-level placement: Shows the implant being placed into a pre-drilled hole in the bone.
- Cover Screw on Implant: Shows the cover screw being placed onto the top of the implant.
- Cover Screw & 2mm Extender on Implant: Shows the cover screw and extender being placed onto the top of the implant.

SwishPlant™ Implant

Compatible surgically and prosthetically with Straumann

- **Connection:** Internal octagon (Narrow diameter implant has double internal hex connection)
- **Surface:** Dual texture SBM (Soluble Blast Media)
- **Surgical Instruments:** Swish™ surgical kit or Straumann System*
- **Implant Packaging:** Includes cover screw, 2mm healing collar, comfort cap, transfer and titanium abutment
- **Implant Lengths:** 6/8/10/12/14/16mm

All-in-One SwishPlant™ Packaging

The diagram shows the components of the All-in-One SwishPlant™ Packaging. It includes a Fixture-Mount Transfer, a Comfort Cap, a Cover Screw, and an Extender. The fixture-mount transfer contains the implant and a 2mm healing collar.

Prosthetic Platforms

The diagram displays various prosthetic platforms and implants. The platforms are color-coded by diameter: 3.7mmD Platform (light blue), 4.8mmD Platform (light orange), 4.8mmD Platform (light purple), 6.5mmD Platform (light yellow), and 6.5mmD Platform (light green). The implants are color-coded by length: 3.3mmD Implant (light blue), 4.1mmD Implant (light orange), 4.8mmD Implant (light purple), 4.8mmD Implant (light yellow), 5.7mmD Implant (light green).

One-Stage Implant Placement Options

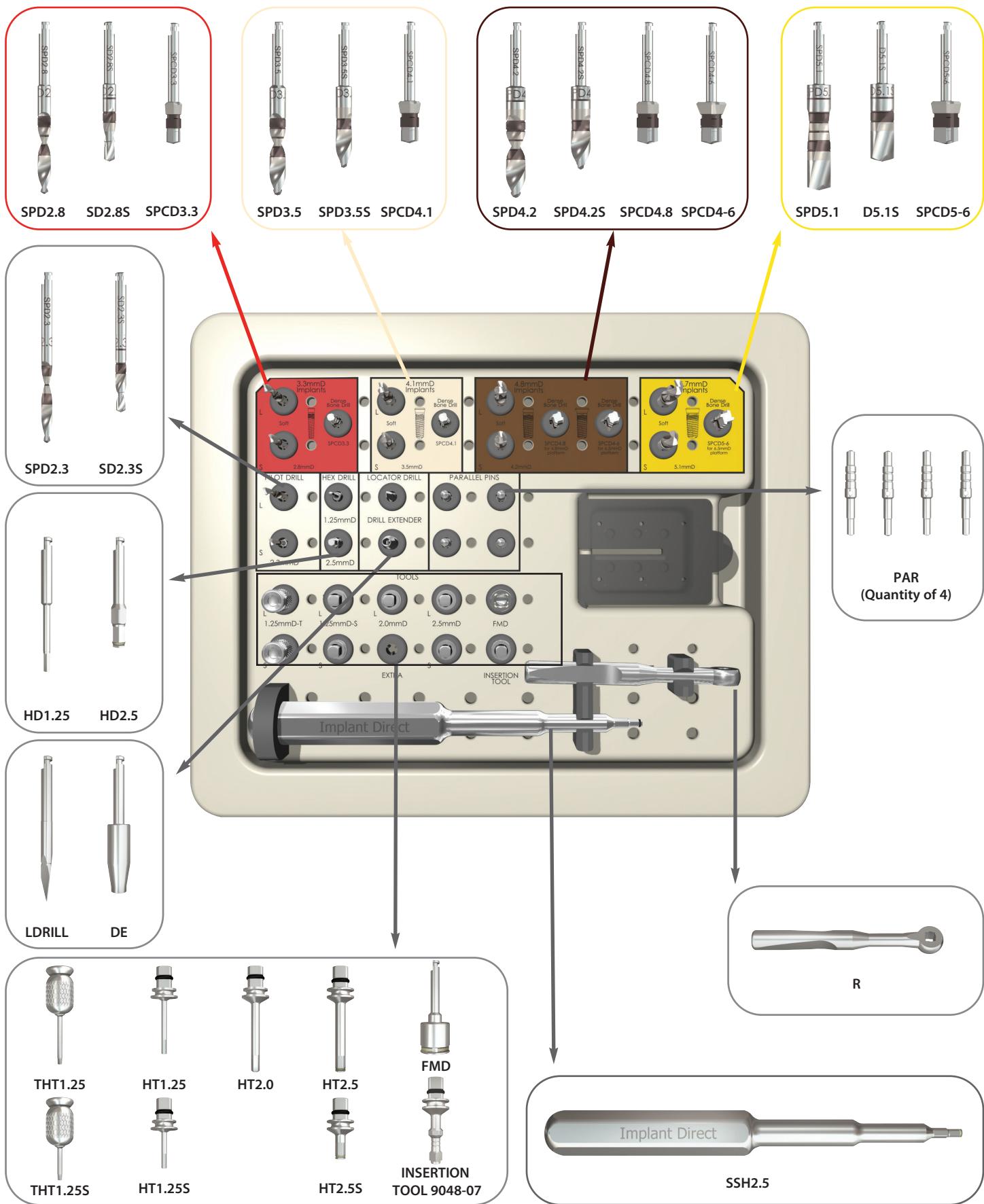
The diagram illustrates four one-stage implant placement options:

- Tissue-level placement: Shows the implant being placed directly into the bone tissue.
- Bone-level placement: Shows the implant being placed into a pre-drilled hole in the bone.
- Cover Screw on Implant: Shows the cover screw being placed onto the top of the implant.
- Cover Screw & 2mm Extender on Implant: Shows the cover screw and extender being placed onto the top of the implant.

*Excludes 3.3mmD and 5.7mmD
Requires crestal bone drills



Surgical Tray for Swish™ System





Drill Sequence for Swish™ System

3.3mmD Straight / Tapered Implant

3.3/3.7



2.3mmD Drill



SOFT BONE
3.3mmD Implant



Use SPD2.8 Drill as final step for Tissue-level or Bone-level placement

Crestal bone in Maxilla will expand without countersink

DENSE BONE
3.3mmD Implant



Tissue Level
FINAL DRILL
SPCD3.3
3.3mmD/3.7mmD

Bone Level
FINAL DRILL
SPCD3.3
3.3mmD/3.7mmD

4.1mmD Straight / Tapered Implant

4.1/4.8



2.3mmD Drill



SOFT BONE
4.1mmD Implant



Use SPD3.5 Drill as final step for Tissue-level or Bone-level placement

Crestal bone in Maxilla will expand without countersink

DENSE BONE
4.1mmD Implant



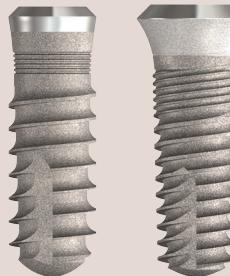
Tissue Level
FINAL DRILL
SPCD4.1
4.1mmD/4.8mmD

Bone Level
FINAL DRILL
SPCD4.1
4.1mmD/4.8mmD

4.8mmD Straight / Tapered Implant

4.8/4.8

4.8/6.5



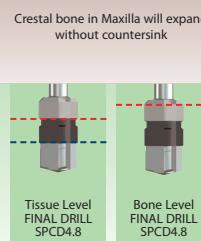
2.3mmD Drill



SOFT BONE
4.8mmD Implant



Use SPD4.2 Drill as final step for Tissue-level or Bone-level placement



Crestal bone in Maxilla will expand without countersink

Use SPD4.2 Drill as final step for Tissue-level placement.

Crestal bone in Maxilla will partially expand to allow 1mm subcrestal seating of neck.

DENSE BONE
4.8mmD Implant



Tissue Level
FINAL DRILL
SPCD4.8
4.8mmD/4.8mmD



Bone Level
FINAL DRILL
SPCD4.8
4.8mmD/4.8mmD



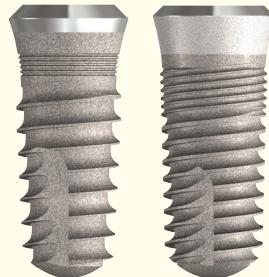
Tissue Level
FINAL DRILL
SPCD4.6
4.8mmD/6.5mmD



Bone Level
FINAL DRILL
SPCD4.6
4.8mmD/6.5mmD

5.7mmD Straight / Tapered Implant

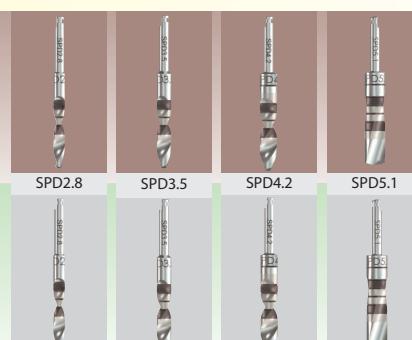
5.7/6.5



2.3mmD Drill



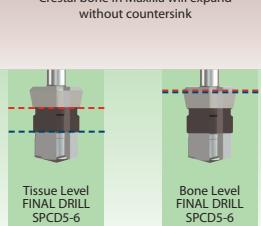
SOFT BONE
5.7mmD Implant



Use SPD5.1 Drill as final step for Tissue-level or Bone-level placement

Crestal bone in Maxilla will expand without countersink

DENSE BONE
5.7mmD Implant



Tissue Level
FINAL DRILL
SPCD5.6
5.7mmD/6.5mmD

Bone Level
FINAL DRILL
SPCD5.6
5.7mmD/6.5mmD

Note: Tissue-level placement will differ between **SwishPlant™** & **SwishPlus™** with the exception of the 6mmL SwishPlant™ which follows the SwishPlus™ tissue-level protocol.
Bone-level placement is the same for both **SwishPlant™** & **SwishPlus™**.

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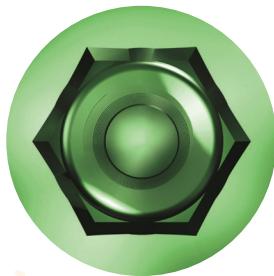
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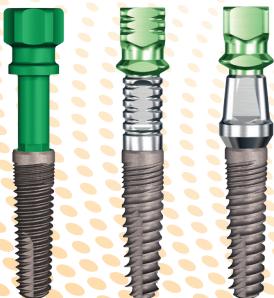
Hexagon



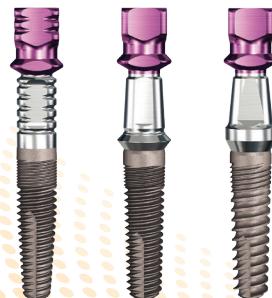
Tri-Lobe



Octagon



Zimmer Dental*
Legacy™1 Line
Legacy™2 Line
Legacy™3 Line



Nobel Biocare™*
RePlant® Line
RePlus® Line
ReActive™ Line



Straumann*
SwishPlus™ Line
SwishPlant™ Line



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