



**SOUTHERNIMPLANTS®**

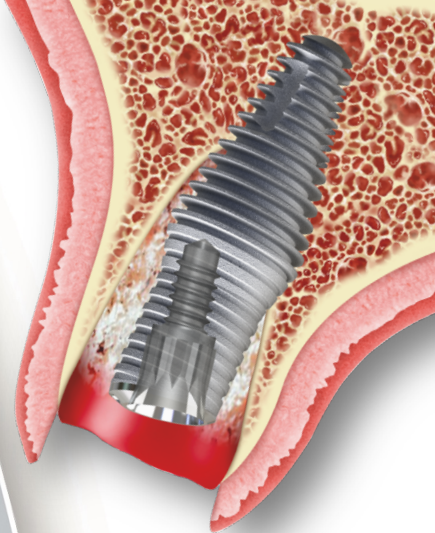
Innovative Treatment Solutions



## Introducing the INVERTA™ Implant



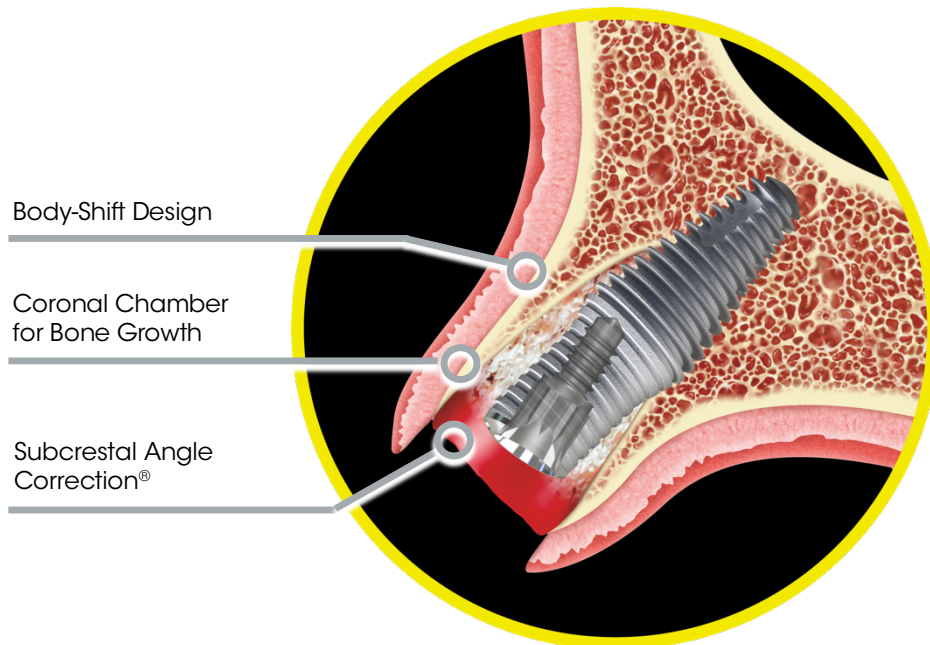
Optimizing Predictable Anterior  
Aesthetics with an Innovative  
Body-Shift™ Implant Design



# Welcome to INVERTA™

## The Latest Breakthrough Technology from Southern Implants

The INVERTA Implant is a novel implant incorporating an innovative Body-Shift™ Design allowing for apical bone engagement in immediate implant placement and a coronal chamber for bone growth resulting in natural aesthetics.



### The INVERTA Difference

#### Popular Co-Axis® Feature

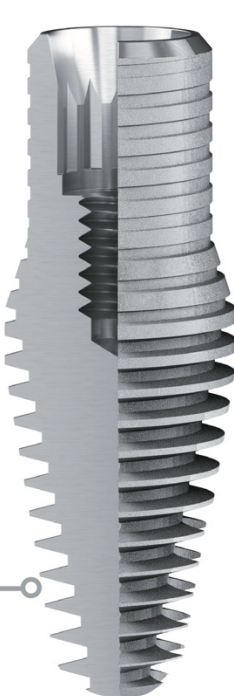
Built-in 12° Subcrestal Angle Correction® without using angled abutments resulting in greater facial soft-tissue volume and ideal screw-retained restorative options.

#### Body-Shift™ Implant Design

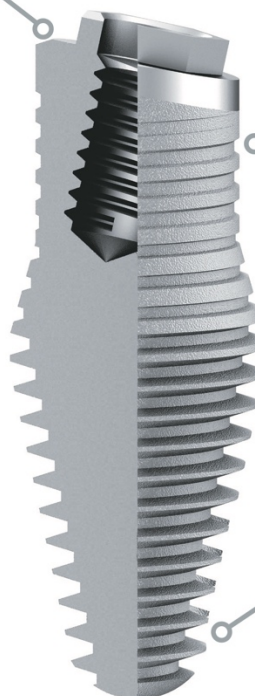
Coronal aspect is narrow and tapers outward to a maximum diameter midway down the length of the implant. This innovative design allows for apical bone engagement in immediate placement and a coronal chamber for bone growth resulting in natural aesthetics.

#### High Strength Titanium

Manufactured from High Strength Grade 4 Pure Titanium ( $\geq 900$  MpA) providing exceptional fatigue strength.



**Deep Conical Connection**



**External Hex**

#### Coronal Thread

All INVERTA Implants feature a shallow square thread at the coronal aspect designed for blood clot and graft stability and thereafter the ability to effectively transfer load to the bone.

#### Sinergy™ Surface with 20-Year History

Decades of clinical research back the un-changed, moderately rough Southern Implants Alumina-blasted surface shown to have consistent results for early osseointegration and longevity.

#### Apical Thread

Aggressive thread for maximum primary stability in trabecular bone.

# Utilizing the INVERTA™ Co-Axis® Implant to Achieve Predictable and Highly Aesthetic Outcomes

## Clinical Treatment By:

Stephen J. Chu, DMD, MSD, CDT and  
Dennis P. Tarnow, DDS



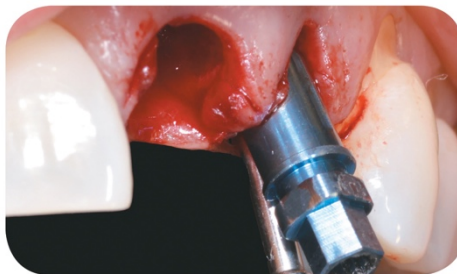
1. Patient presents with complaints of discoloration and hypermobility of #9 and #10. Radiograph shows signs of trauma and resorption.



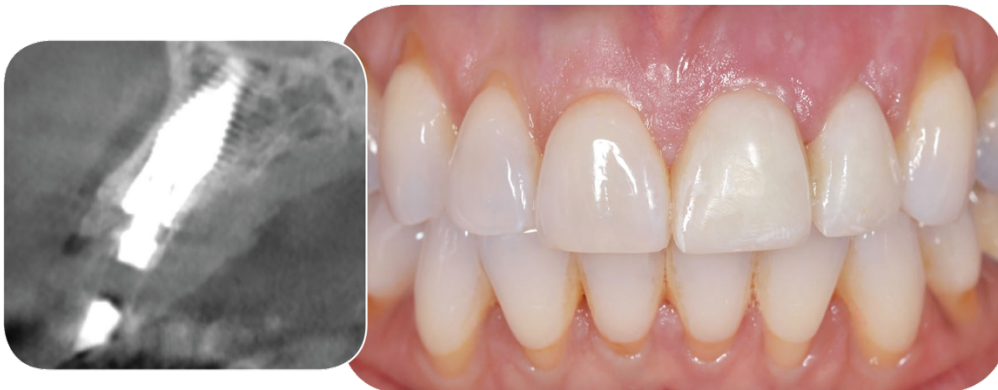
2. Pre-operative condition of teeth #9, 10. Note the thin periodontal phenotype, scalloped gingival architecture and mid-facial gingival recession.



3. PROVATA™ Implant placed at tooth #9 and INVERTA Co-Axis (12° Subcrestal Angle Correction®) Deep Conical Implant placed at tooth #10. Note the INVERTA Implant does not impinge on the buccal wall.



4. The design of the mount for the INVERTA Implant allows visualization of the screw access hole to be in the ideal restorative position.



5. Provisional restoration and CBCT at three-month follow-up.

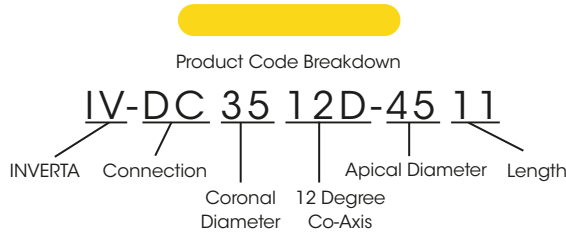
*"The INVERTA Implant design represents a paradigm shift in biologic and aesthetic thinking. Combining apical stability with an inverted Body-Shift design allows for coronal spacing, optimizing the ability to provide more bone and ultimately superior aesthetics for patients."*

- Stephen J. Chu,  
DMD, MSD, CDT  
New York, USA





# INVERTA™ Implant Order Guide



## Drills

QTY	CAT #	Description
___	D-3SPADE-IV	INVERTA Spade Drill
___	D-IV4511	INVERTA Drill 4.5 x 11
___	D-IV4513	INVERTA Drill 4.5 x 13
___	D-IV4515	INVERTA Drill 4.5 x 15
___	D-IV5011	INVERTA Drill 5.0 x 11
___	D-IV5013	INVERTA Drill 5.0 x 13
___	D-IV5015	INVERTA Drill 5.0 x 15

## Deep Conical (DC)

### Standard Connection

QTY	CAT #	Prosthetic Platform
___	IV-DC35-4510	3.5/4.0 Deep Conical Platform
___	IV-DC35-4511	3.5/4.0 Deep Conical Platform
___	IV-DC35-4513	3.5/4.0 Deep Conical Platform
___	IV-DC35-4515	3.5/4.0 Deep Conical Platform

### Co-Axis® Connection

QTY	CAT #	Prosthetic Platform
___	IV-DC3512D-4511	3.5/4.0 Deep Conical Platform
___	IV-DC3512D-4513	3.5/4.0 Deep Conical Platform
___	IV-DC3512D-4515	3.5/4.0 Deep Conical Platform
___	IV-DC4012D-5011	3.5/4.0 Deep Conical Platform
___	IV-DC4012D-5013	3.5/4.0 Deep Conical Platform
___	IV-DC4012D-5015	3.5/4.0 Deep Conical Platform

## External Hex

### Standard Connection

QTY	CAT #	Prosthetic Platform
___	IV-EX35-4511	3.43 External Hex Platform (IBN)
___	IV-EX35-4513	3.43 External Hex Platform (IBN)
___	IV-EX35-4515	3.43 External Hex Platform (IBN)
___	IV-EX40-5011	3.43 External Hex Platform (IBN)
___	IV-EX40-5013	3.43 External Hex Platform (IBN)
___	IV-EX40-5015	3.43 External Hex Platform (IBN)
___	IV-EX42-5011	4.07 External Hex Platform (IB)
___	IV-EX42-5013	4.07 External Hex Platform (IB)
___	IV-EX42-5015	4.07 External Hex Platform (IB)

### Co-Axis Connection

QTY	CAT #	Prosthetic Platform
___	IV-EX3512D-4511	3.43 External Hex Platform (IBN)
___	IV-EX3512D-4513	3.43 External Hex Platform (IBN)
___	IV-EX3512D-4515	3.43 External Hex Platform (IBN)
___	IV-EX4012D-5011	3.43 External Hex Platform (IBN)
___	IV-EX4012D-5013	3.43 External Hex Platform (IBN)
___	IV-EX4012D-5015	3.43 External Hex Platform (IBN)
___	IV-EX4212D-5011	4.07 External Hex Platform (IB)
___	IV-EX4212D-5013	4.07 External Hex Platform (IB)
___	IV-EX4212D-5015	4.07 External Hex Platform (IB)

To learn more contact your  
Southern Implants Representative or visit [southernimplants.com](http://southernimplants.com)



**South Africa - Headquarters** 1 Albert Road, Irene, RSA  
T: +27-12-667-1046 | E: [info@southernimplants.com](mailto:info@southernimplants.com)

### Subsidiaries

**Australia**  
Southern Implants Australia  
T: +61-2-8076-9337  
E: [info@southernimplants.com.au](mailto:info@southernimplants.com.au)

**United Kingdom**  
Southern Implants UK  
T: +44-20-8899-6845 / 6 / 7  
E: [info@southernimplants.co.uk](mailto:info@southernimplants.co.uk)

**USA and Canada**  
Southern Implants North America Inc.  
T: +1-561-472-0990  
E: [customercare@southernimplants.com](mailto:customercare@southernimplants.com)

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