

## **INTRODUCING**





## Welcome to SIREAL

### **INNOVATION AT ITS BEST**





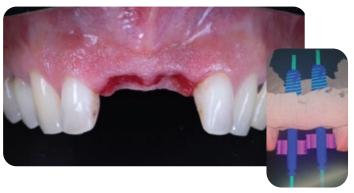




# Utilising the SIREAL System to achieve predictable and prosthetically driven results

Clinical Treatment By: **Dr Howard Gluckman**, Ph.D. MChD, BDS (South Africa)

A patient with missing teeth at the 11 and 21 sites was treated by Dr. Howard Gluckman. Using CBCT imaging and intraoral scans, a customised surgical guide was developed and fitted. With the use of the SIREAL system, Dr Gluckman was able to utilise standard drills to prepare the osteotomy and place the implant with pre-planned positioning. Provisional restoration followed, with periapical imaging to verify implant alignment and depth as planned.



1. Patient presents with missing dentition in the 11 and 21 sites. Computer-assisted dental planning is performed, utilising CBCT imaging and intraoral scans, to create a patient specific surgical guide.



2. A surgical guide is fitted in-situ. During guide design procedures, windows are "cut-out" in the software, to confirm the seating of the surgical guide onto the patient's dentition.



3. SIREAL universal guided surgery tool (I-DE-GS4) is loaded with a pre-planned offset sleeve determined during the implant planning phase. Standard Southern Implants drills are used to prepare the osteotomy for implant placement.



4. The implants are placed fully guided through the surgical guide utilising the SIREAL universal guided surgery tool and placement tools (available for DC, TRI-NEX®, Internal Hex / M-series and PROVATA®).



5. A provisional restoration is made and a periapical is taken to verify implant depth and angulation as planned during the prosthetically driven planning phase.

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"A 21st century guide system catering for tapered drills, Co-Axis® implants and integrating with existing surgical sets. SIREAL ticks these boxes."

Graham Blackbeard (CEO, Southern Implants)

"The SIREAL Guided Solution is simplistic, using standard surgical kits and planning software makes this system a must have."

> Dr Howard Gluckman (South Africa)

"By far one of the fastest, simplest, intuitive and flexible systems I have used across a range of implant procedures and ease guided surgery."

Dr Evan Jones (Adelaide, Australia)

#### **Universal Guided Surgery Tool**



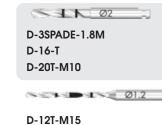




For more information scan the code or contact your Southern Implants Representative or visit southernimplants.com

#### Ø5.1mm STANDARD **Offset Sleeves** I-GSS05-9 Ø5.1 x 9 mm Offset Sleeve Ø5.1 x 10.5 mm Offset Sleeve I-GSS05-10.5 I-GSS05-12 Ø5.1 x 12 mm Offset Sleeve I-GSS05-14 Ø5.1 x 14 mm Offset Sleeve **Guided Sleeves** Ø6.2 (outer) / Ø5.2 (inner) LENGTH I-GS-6252-L4 4 mm Closed Guide Sleeve I-GS-6252-L9 9 mm Closed Guide Sleeve I-GSC-6252-L4 4 mm Open Guide Sleeve I-GSC-6252-L9 9 mm Open Guide Sleeve **Tissue Cutters** HC-664 I-TC-GS4 Tissue Cutter Ø5.1 outer Ø4.1 inner I-TC-GS5 Tissue Cutter Ø5.1 outer Ø4.7 inner Cortical Perforator D-GS-CP D-GS-CP Cortical Perforator Ø5.1









I-GS-2513-L6

Guide Fixation Pin Guide Fixation Pin Sleeve

Twist drill Ø2.0 mm x 15 mm

Twist drill Ø2.0 mm x 15 mm

Twist drill Ø2.0 mm x 15 mm

Instrument tray inserts (to keep the offset sleeves upright)

I-GS-TP

Offset Sleeve Tray Pin - Silicone

Drill Ø1.2 x 15 mm

#### **Fully Guided Implant Placement Tools** Internal Hex (M-Series) and PROVATA®

DC (Deep Conical)			Internal Hex (M-Series) and PROVATA®			TRI-NEX®		
I-HDC3-G\$	Ø3.0 DC	Straight	I-H-PRO3-GS	Ø3.0 PROVATA®	Straight	I-HLH-35GS	Ø3.5 TRI-NEX®	Straight
I-HDC4-GS	Ø4.0 DC	Straight	I-H-PRO-GS		Straight	I-HLH-43GS	Ø4.3 TRI-NEX®	Straight
I-HDC5-GS	Ø5.0 DC	Straight	I-H-PRO12D-GS		Co-Axis®	I-HLH-50GS	Ø5.0 TRI-NEX®	Straight
For tapered implants only.			Internal Octagon (IT) I-HITS-GS			I-L43-12D-GS	Ø4.3 TRI-NEX®	Co-Axis®
					Straight	I-L50-12D-GS	Ø5.0 TRI-NEX®	$\text{Co-Axis}^{\tiny{\circledR}}$

EC REP



#### **Subsidiaries**

Australia

Southern Implants Australia T: +61-2-8076-9337 E: info@southernimplants.com.au Spain and Portugal

Southern Implants Ibérica T: +34 935 053 507 **E:** info@southernimplants.com.es United Kingdom and Ireland Southern Implants UK

E: ecrep@southernimplants.com

T: +44-20-8899-6845 / 6 / 7 **E:** info@southernimplants.com.uk

## Southern Implants Europe AB Holmgatan 30, S-791 71, Falun, Sweden

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

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

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