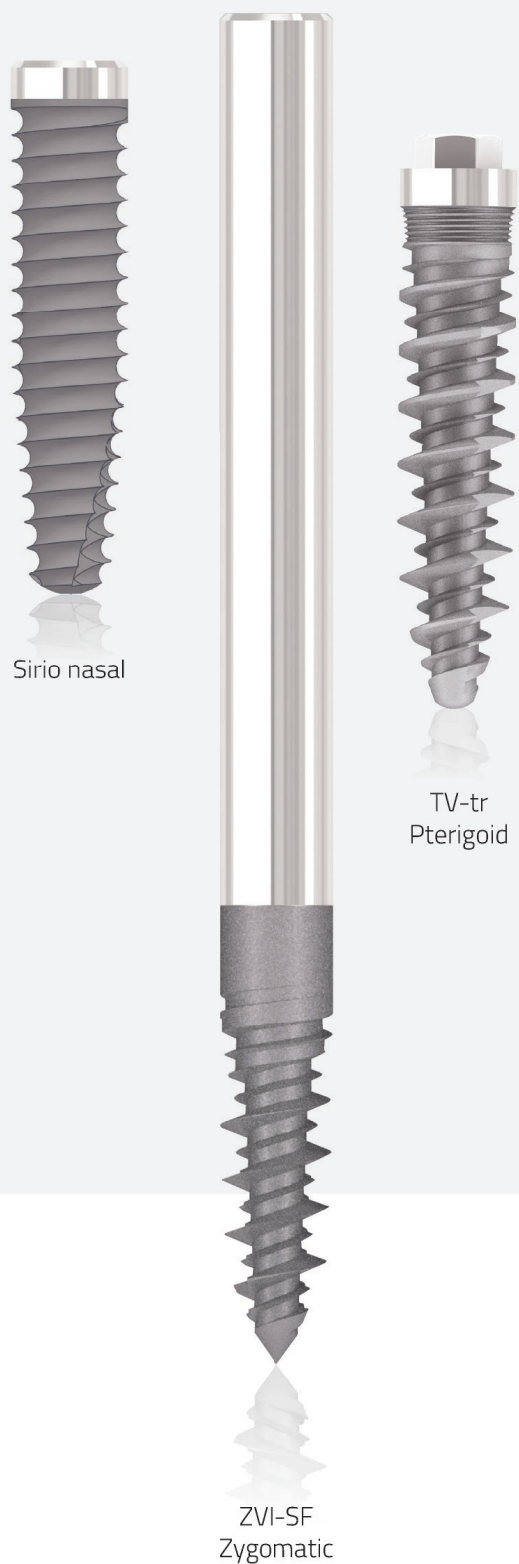


# Sirio nasal, pterigoid and zygomatic, advanced atrophies implants

Atrophies in maxillary bone leave a basal bone residue too thin for a traditional implant surgery, along with the presence of the nose cavities and more pneumatized maxillary sinuses, which constitute an anatomic limit. Thus, Isomed Technique suggest the placement of two pterygoid implants, two Zygomatic in the Maxillary resistance pillars, and two Sirio Nasal implants under the nose bone pavement. This is a surgery technique with a predictable outcome that gives to the surgeon a successful option for the resolution of extreme maxillary atrophies.

It is useful to carry on a complete case study with 3D RX, a CT scan and a stereolithographic model of the Maxillary.

Immediate loading is suggested only with every load distributed on a multi-implant system in which every load is duly distributed.



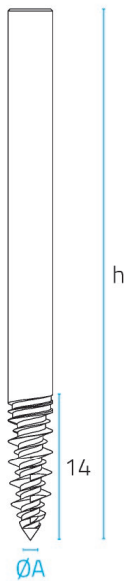
Instruments, drills and components pag. 62-63



# ZVI-SF

## Zygomatic implants without micro-thread

Normal

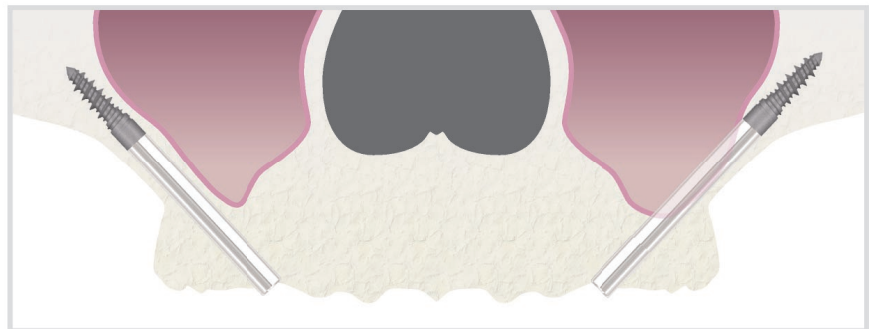


h = length  
ØA = apex diameter

Instruments, drills  
and components pag. 62-63

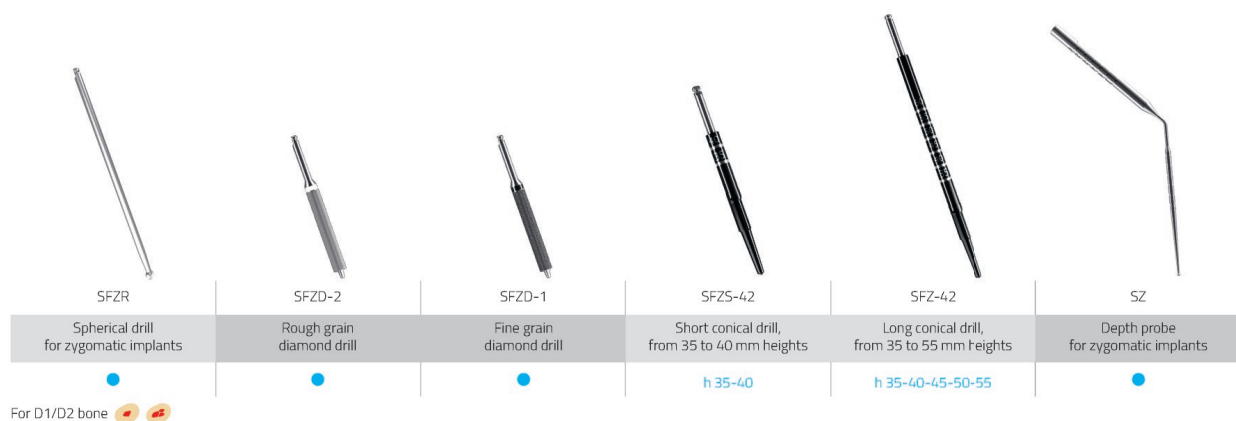
Platform Normal

code	implant Ø	h	ØA
ZVI4-35-sf	4,1	35	1,5
ZVI4-40-sf	4,1	40	1,5
ZVI4-45-sf	4,1	45	1,5
ZVI4-50-sf	4,1	50	1,5
ZVI4-55-sf	4,1	55	1,5



ZVI-SF Isomed Zygomatic implant is placed, with an extra-sinus approach, on the external Maxillary wall, bypassing the sinus in order to avoid damages to the Schneider membrane. It is anchored in the cheekbone, fit to sustain dental fixtures. The design of this implant consists in a smooth body, ending with an aggressive and sharp threaded tip of just 15 mm. The Normal internal hexagon connection, common to others Isomed implants, allows an easy prosthetic restoration, using every component from the Connector Bridge Abutment System.

## Surgical protocol

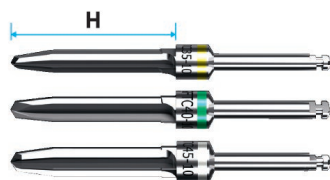


Protocols and sequences are just suggested with an illustrative purpose. It's up to the surgeon to select the best surgical option for the anatomy of the patient.

# Surgical kit for advanced atrophies implants

## Sirio Nasal, Zygomatic and Pterigoid Implants

### CONICAL DRILLS FOR SIRIO NASAL IMPLANTS



H	Ø 3,5	Ø 4,0	Ø 4,5
19 mm	SFTC 3,5-19	SFTC 4-19	SFTC 4,5-19
21 mm	SFTC 3,5-21	SFTC 4-21	SFTC 4,5-21
23 mm	SFTC 3,5-23	SFTC 4-23	SFTC 4,5-23

### PTERIGOID IMPLANTS DRILLS

**SF04** - Pilot drill with depth markings

**SF20P** - Cylindrical drill Ø 2 mm for pterygoid implants

**SF25P** - Cylindrical drill Ø 2,5mm for pterygoid implants



**SKI-2R** h 2 mm

**SKI-13R** h 13 mm

**SKI-10** h 10 mm

**SKI-40** h 40 mm

● 1,28 mm hex. Digital drivers for pointed fastening screws



### SG-00

Square head driver for superior arch



○ 4 mm

### SKI-P

Pen driver for fastening screws 1,28 mm hexagon



● 1,28 mm

### SKE-P

Pen driver for cap screws 0,9 mm hexagon



● 0,9

### DIAMOND DRILLS FOR ZYGOMATIC IMPLANTS

**SFZD-2** - Rough grain diamond drill

**SFZD-1** - Fine grain diamond drill



### CONICAL DRILLS FOR ZYGOMATIC IMPLANTS

**SFZS-42** - Conical drill, heights from 35 to 40 mm

**SFZ-42** - Conical drill, heights from 35 to 55 mm



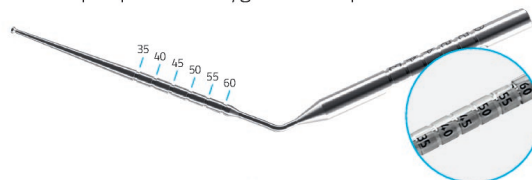
### SFZR

Spherical drill for zygomatic implants



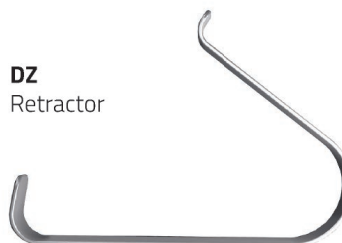
### SZ

Depth probe for zygomatic implants



### DZ

Retractor



### PI

Zygomatic implants driver with connection PLATFORM NORMAL

2,43 mm ● 4 mm



### SKE-10 / SKE-13

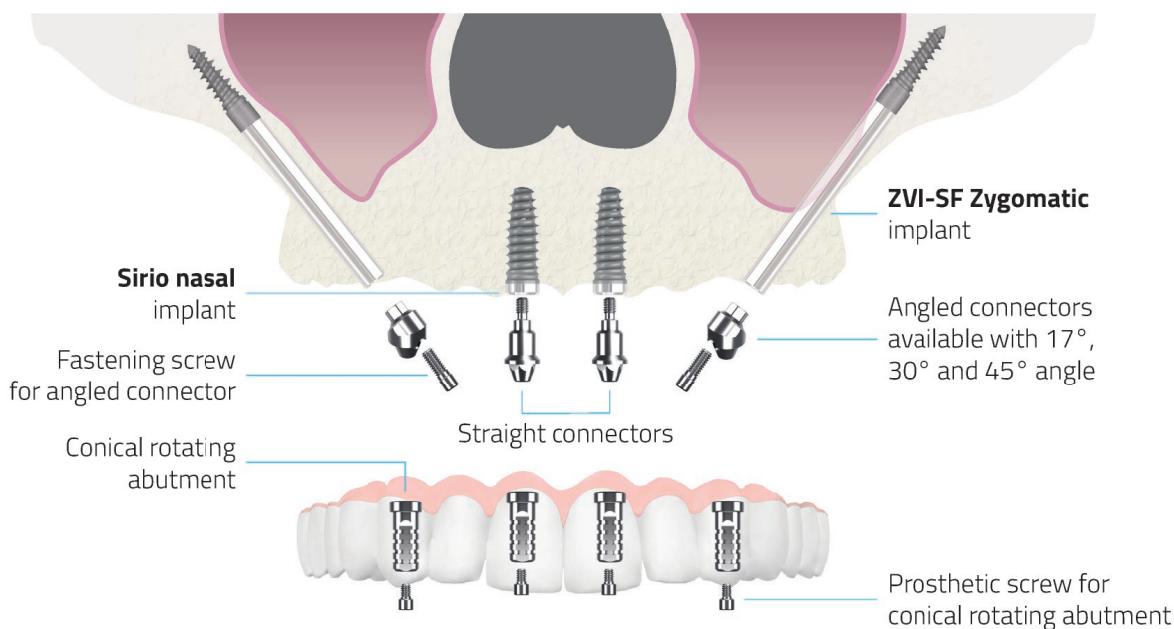
Digital driver for 0,9 cap screws ●



# Surgical technique Connector Bridge Abutment

Sirio Nasal, Zygomatic and Pterigoid implants

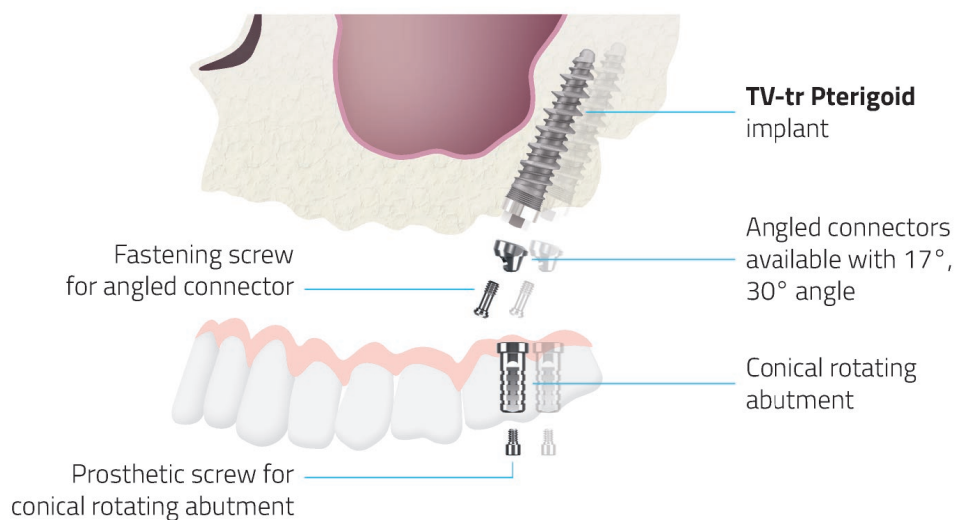
## PREMAXILLA



C. B. A. Normal

For the complete prosthetic **Connector Bridge abutment internal hexagon Platform Normal** see page 130

## POSTMAXILLA



C. B. A. Normal 1,2