

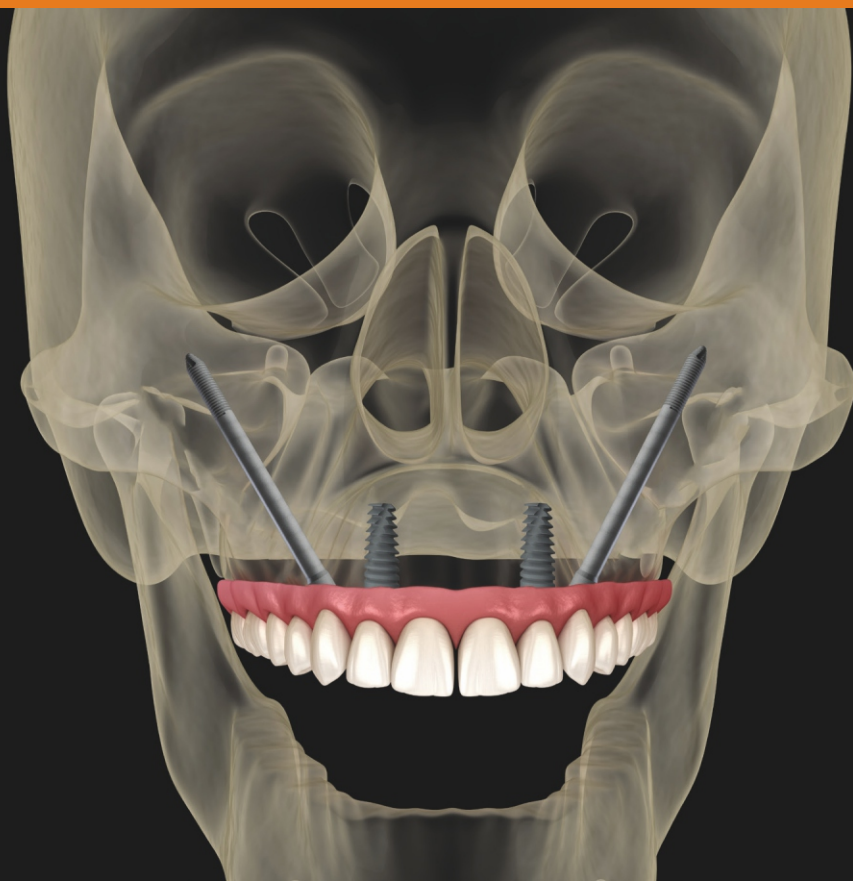


i-Fix Zygomatic Implant Systems

Surface Designed & Developed in

Sweden 

Nano Bio-Activated



World class facility for **Dental Implants**

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i-Fix Zygon Overview

Graftless treatment solution

Avoid complex bone-grafting procedures with i-Fix Zygon implants, which anchor in the zygomatic bone.

Greater surgical and prosthetic flexibility

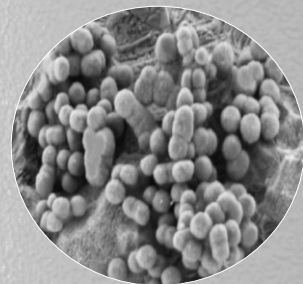
Benefit from the new implant body design with lengths ranging from 30 mm to 62.5 mm and 55° angulation, all with an external hex connection.

High primary stability for Immediate Function

Provide patients with a fixed provisional prosthesis immediately after surgery. Multicortical anchorage and the proven apex design allow for high primary stability

Implant Surface

Nano Bio Activated



Sweden 

Ti Grade V ELI Characteristics

The i-Fix Zygon Implant system components are made of the Biocompatible medical grade Grade V ELI/Grade 23 Titanium alloy. The specific Titanium alloy used by Kamal Medtech was chosen due to its superior properties including high strength to weight ratio, very high corrosion resistance, high modulus of elasticity and its excellent osseointegration capabilities.



Properties		Advantages
Tensile strength	860 Mpa minimum	Extremely high strength/weight ration
Elongation	10%	Improved ductility and fracture toughness under static and dynamic loads
Oxygen content	0.13% maximum	
Biocompatibility	Excellent	Direct structural and functional connection between bone and implant surface

i-Fix Zygon - Implant Specifications

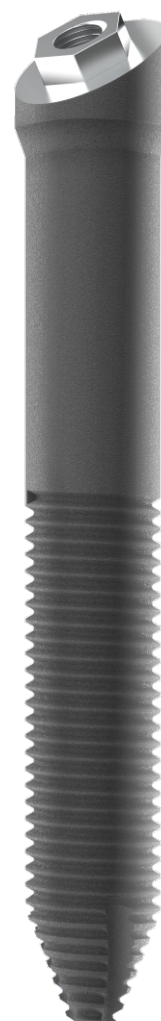


Implant Specifications

i-Fix Zygon 55° implants

		A	B	C	D	E	F1	F3	G	H	I	J	K	L
Platform	Implant length	Hex height	Thread pitch	Major diameter	Minor diameter	Thread height	length of Smaller diameter	Total Length	Major diameter	Minor diameter	Tip diameter	Collar diameter	Hex width	Angle
Regular Platform (4.6)	30 mm	0.9	1	4.6	4.0	15.0	25.8	30	4.0	2.0	2.0	5.0	2.6	55°
	35 mm	0.9	1	4.6	4.0	15.0	30.8	35	4.0	2.0	2.0	5.0	2.6	55°
	40 mm	0.9	1	4.6	4.0	15.0	35.8	40	4.0	2.0	2.0	5.0	2.6	55°
	42.5 mm	0.9	1	4.6	4.0	15.0	38.3	42.5	4.0	2.0	2.0	5.0	2.6	55°
	45 mm	0.9	1	4.6	4.0	15.0	40.8	45	4.0	2.0	2.0	5.0	2.6	55°
	47.5 mm	0.9	1	4.6	4.0	15.0	43.8	47.5	4.0	2.0	2.0	5.0	2.6	55°
	50 mm	0.9	1	4.6	4.0	15.0	45.8	50	4.0	2.0	2.0	5.0	2.6	55°
	52.5 mm	0.9	1	4.6	4.0	15.0	48.3	52.5	4.0	2.0	2.0	5.0	2.6	55°
	55 mm	0.9	1	4.6	4.0	15.0	50.8	55	4.0	2.0	2.0	5.0	2.6	55°
	57.5 mm	0.9	1	4.6	4.0	15.0	53.3	57.5	4.0	2.0	2.0	5.0	2.6	55°
	60 mm	0.9	1	4.6	4.0	15.0	55.8	60	4.0	2.0	2.0	5.0	2.6	55°
	62.5 mm	0.9	1	4.6	4.0	15.0	58.3	62.5	4.0	2.0	2.0	5.0	2.6	55°

Implant Length	i-Fix Zygon 55°
30 mm	IZ460300
35 mm	IZ460350
40 mm	IZ460400
42.5 mm	IZ460425
45 mm	IZ460450
47.5 mm	IZ460475
50 mm	IZ460500
52.5 mm	IZ460525
55 mm	IZ460550
57.5 mm	IZ460575
60 mm	IZ460600
62.5 mm	IZ460625



Implant Dimensions & Surgical Component

Description	Article Code	
Straight Multi Unit 1mm	IZMUA10	
Straight Multi Unit 2 mm	IZMUA20	
17 Deg Multi Unit 2 mm	IZ17MUA20	
17 Deg Multi Unit 3 mm	IZ17MUA30	
25 Deg Multi Unit 2 mm	IZ25MUA20	
25 Deg Multi Unit 3 mm	IZ25MUA30	
Healing Cap Multi Unit	HCMUA	
Open Tray impression Coping Multi Unit	IZOTIMUA	
Temporary Coping Multi Unit	IZTCMUA	
Abutment Analog Multi Unit	AAMUA	
Prosthetic Screw Multi Unit	PSMUA	
Abutment Screw Angled Multi Unit	IZASMUA	
Castable Sleeve Plastic Multi Unit	IZCSPMUA	

i-Fix Zygon Surgical Kit

(The article below can also be purchased Individually.)

Zygon Lance Drill Coated 55mm	ZLD55
Zygon Lance Drill Coated 65mm	ZLD65
Zygon Lance Drill Carbide 55mm	ZLDC55
Zygon Lance Drill Carbide 65mm	ZLDC65
Zygon Twist Drill 2.4x 55mm	ZTD2455
Zygon Twist Drill 2.8x 55mm	ZTD2855
Zygon Twist Drill 3.2x 55mm	ZTD3255
Zygon Twist Drill 2.4x 65mm	ZTD2465
Zygon Twist Drill 2.8x 65mm	ZTD2865
Zygon Twist Drill 3.2x 65mm	ZTD3265



Description	Article Code
Zygon Depth Gauge Straight	ZDGS
Zygon Depth Gauge Angled	ZDGA
Zygon Handle	ZYHD
Zygon Connection to Hand Piece	ZCHP

