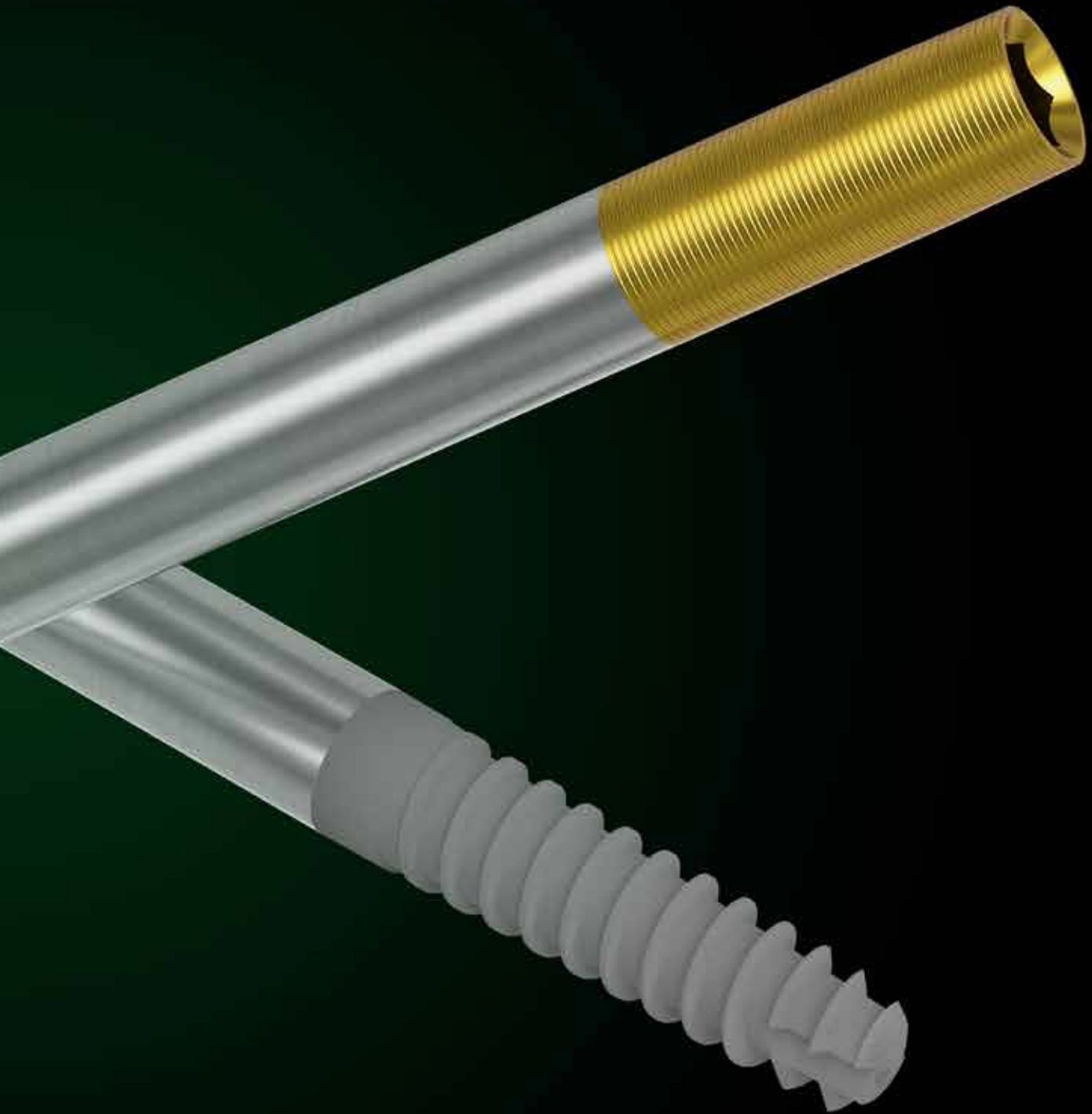


ZYGMA

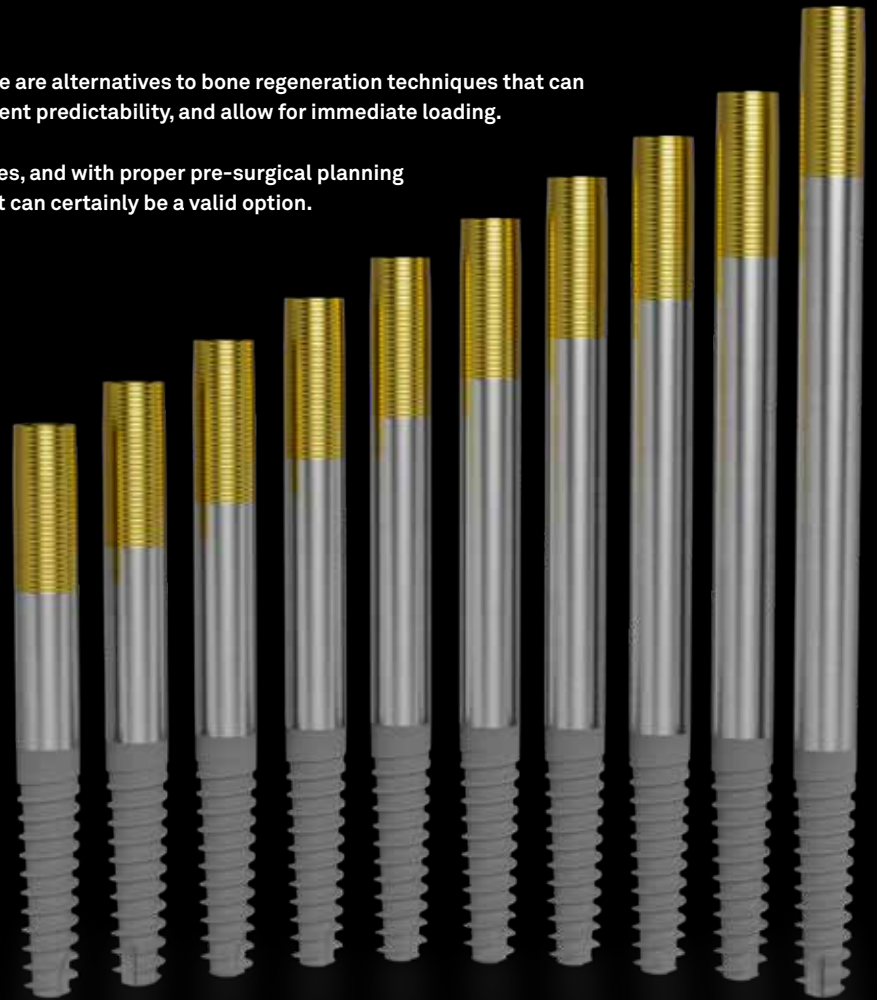



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Zygma Implants

In the presence of severe atrophy of the upper jaw, there are alternatives to bone regeneration techniques that can reduce intervention and healing times, increase treatment predictability, and allow for immediate loading.

The use of zygomatic implants is one of these techniques, and with proper pre-surgical planning and when suitable anatomical conditions are present, it can certainly be a valid option.



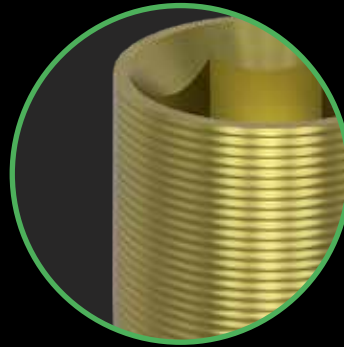
CONNECTION

Internal hexagon connection with a diameter of 3.75 mm



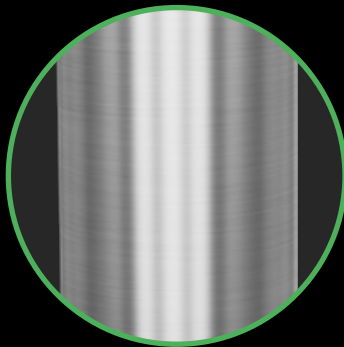
UTM NECK

Coronal portion of the UTM anodized in yellow, length of 10 mm.



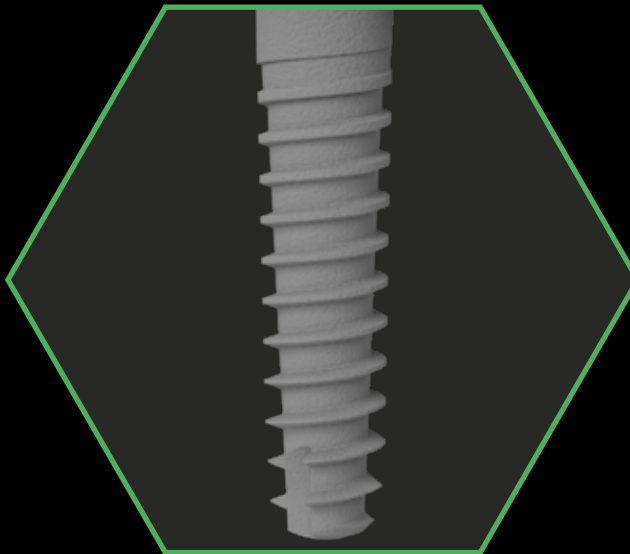
CYLINDRICAL BODY

not treated, with a variable length.



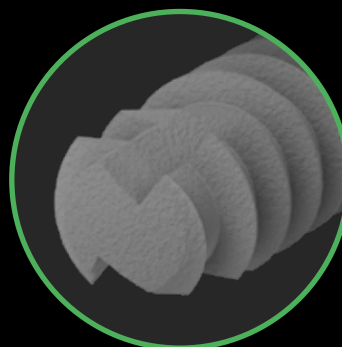
APEX

Sandblasted and etched apical portion, 15 mm long.



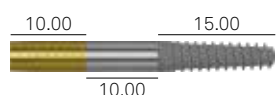
THREAD

Apex with a progressive thread, for optimal primary stability.



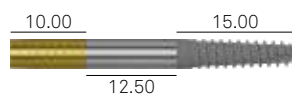
Implants

Ø 3.80



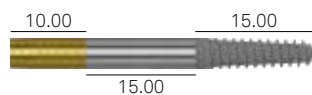
ZYGMA Implant Ø 3.80 h 35 mm

YIL-Z38-350



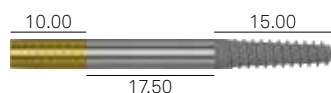
ZYGMA Implant Ø 3.80 h 37.5 mm

YIL-Z38-375



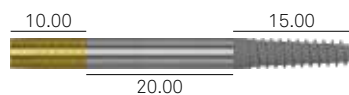
ZYGMA Implant Ø 3.80 h 40 mm

YIL-Z38-400



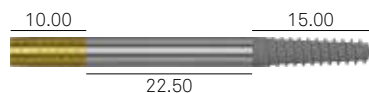
ZYGMA Implant Ø 3.80 h 42.5 mm

YIL-Z38-425



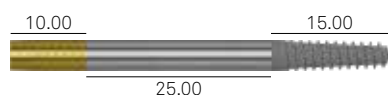
ZYGMA Implant Ø 3.80 h 45 mm

YIL-Z38-450



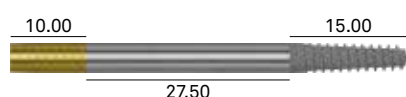
ZYGMA Implant Ø 3.80 h 47.5 mm

YIL-Z38-475



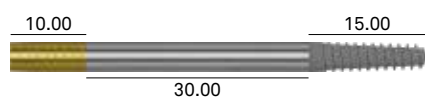
ZYGMA Implant Ø 3.80 h 50 mm

YIL-Z38-500



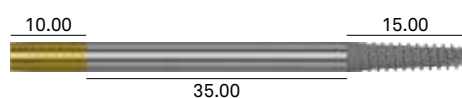
ZYGMA Implant Ø 3.80 h 52.5 mm

YIL-Z38-525



ZYGMA Implant Ø 3.80 h 55 mm

YIL-Z38-550



ZYGMA Implant Ø 3.80 h 60 mm

YIL-Z38-600

Surgical cover screw

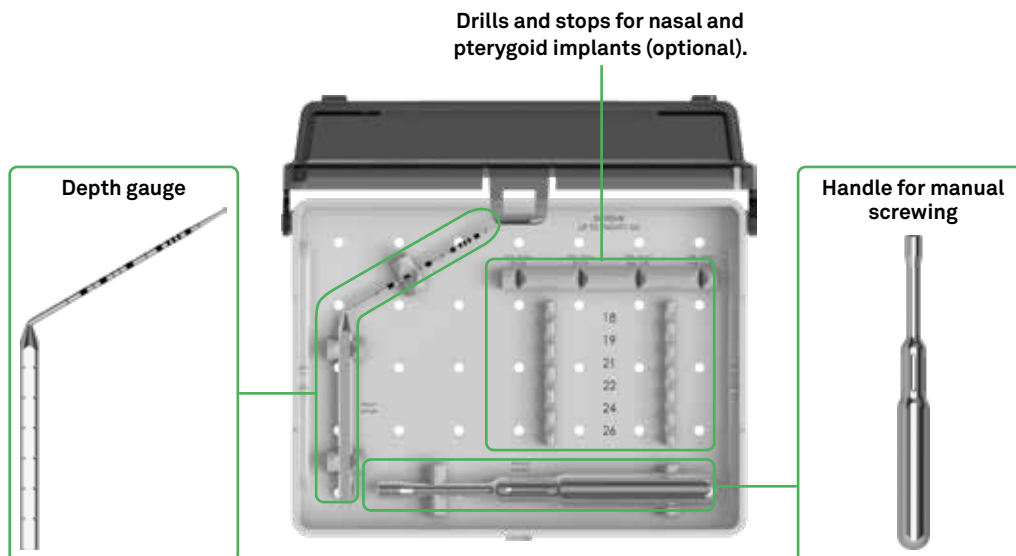
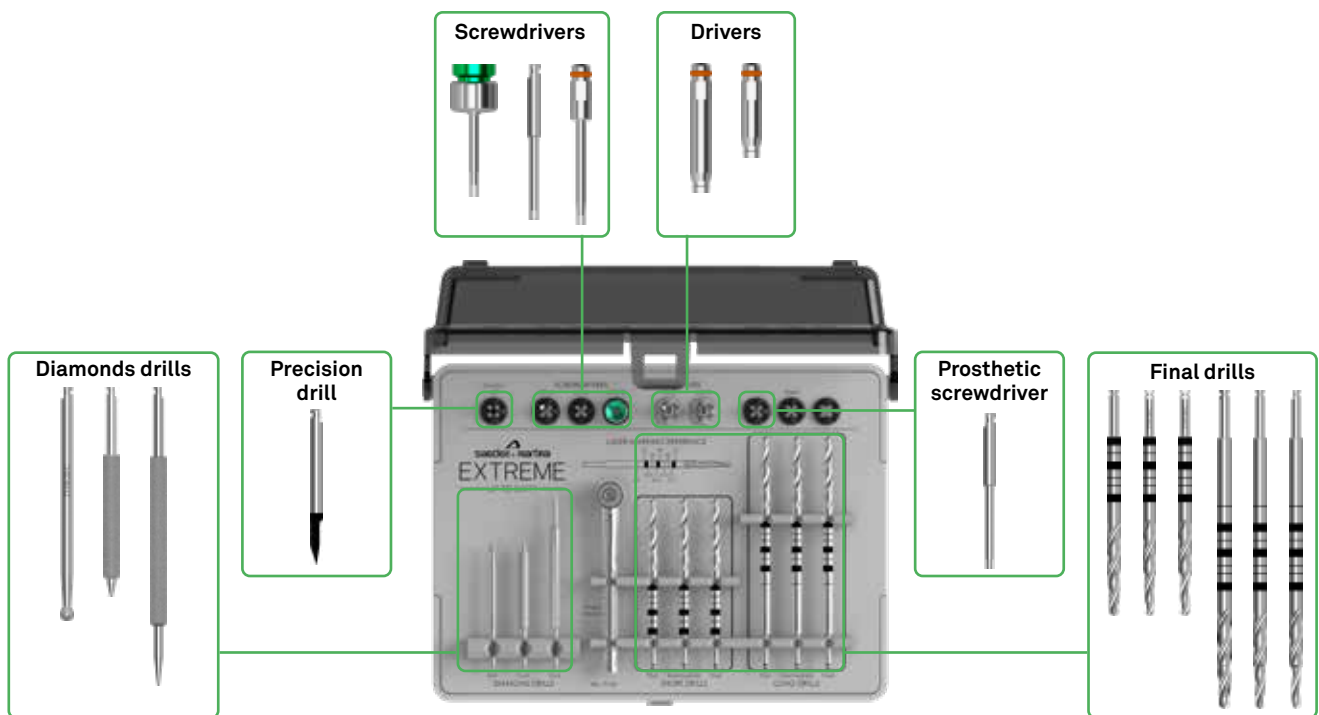


YI-VCC




















Zygma surgical kit












ZY-TRAY	Instrument tray
ZY-KIT	Complete surgical kit



Surgical instruments included in the Zyigma kit





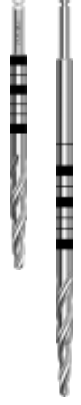
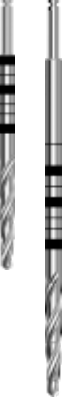
	Y-F-LAN	Precision drill
	ZY-FB-20-C	Diamond ball drill
	ZY-FG-38-C	Short cylindrical diamond drill
	ZY-FG-38-L	Long cylindrical diamond drill
	ZY-FP-38-C	Short pilot drill
	ZY-FP-38-L	Long pilot drill
	ZY-FI-38-C	Short intermediate drill
	ZY-FI-38-L	Long intermediate drill
	ZY-FF-38-C	Short final drill
	ZY-FF-38-L	Long final drill
	ZY-PROF	Depth gauge
	YI-CV-CRI-M	Medium ratchet screwdriver
	YI-CV-CA-M	Medium contra-angle screwdriver
	YV-CV-CA-M	Medium contra-angle prosthetic screwdriver
	YI-CV-MAN-M	Medium manual screwdriver
	YI-DR-CRI-C	Short implant driver for ratchet
	YI-DR-CRI-M	Medium implant driver for ratchet
	Y-MAN	Manual handle
	Y-CRI-FIX	Non-torque contra-angle ratchet

Optional surgical instruments

	Y-CONV-CA-CRI*	Connector
	YI-DR-CA-C*	Short implant driver for contra-angle
	YI-DR-CA-M*	Medium implant driver for contra-angle
	YI-DR-CA-L*	Long implant driver for contra-angle
	YI-DR-CRI-XC*	Extra Short implant driver for ratchet
	YI-CV-MAN-C*	Short manual screwdriver
	YI-CV-MAN-L*	Long manual screwdriver
	YI-CV-CA-C*	Short screwdriver contra-angle
	YI-CV-CA-L*	Long screwdriver contra-angle
	YI-CV-CRI-C*	Short screwdriver ratchet
	YI-CV-CRI-L*	Short screwdriver ratchet
	CRI5-KIT*	Dynamometric ratchet 10-70 N
	TWL*	Torque wrench with control lever
	ZY-L100*	X-ray templates 100%
	ZY-L120*	X-ray templates 120%
	ZY-L130*	X-ray templates 130%

*not included in the surgical kit, available for individual purchase

Sequence of use of Zygma drills

Y-F-LAN	ZY-FB-20-C	ZY-FG-38-C ZY-FG-38-L	ZY-FP-38-C ZY-FP-38-L	ZY-FI-38-C ZY-FI-38-L	ZY-FF-38-C ZY-FF-38-L
					
Precision drill Creation of guide hole	Ball drill for enlargement of the hole guide	Diamond-coated guide drill short or long	Pilot drill short or long	Intermediate drill short or long	Cylindrical final drill short or long









IMPORTANT WARNING

If the implant site preparation is performed with drills mounted on a standard implant handpiece (ratio 20:1), it is recommended to perform osteotomy with the motor set at 1000-1500 rpm.

If the implant site preparation is performed with drills mounted on a straight handpiece (ratio 1:1), it is recommended to perform osteotomy with the motor set at 15000-20000 rpm.

Implant placement is recommended to be done manually (with the appropriate handpiece) to have a better perception of bone resistance. However, if it is performed with a motor, it is recommended to set it at a speed of 25-30 rpm with a torque of 40 Ncm.

Prosthetic Solutions: AV Abutment

	YI-AVA17-02	Abutment for screw-retained prosthesis 17° angled
	YI-AVA17-03	Abutment for screw-retained prosthesis 17° angled
	YI-AVA30-03	Abutment for screw-retained prosthesis 30° angled
	YI-AVA30-04	Abutment for screw-retained prosthesis 30° angled
	YI-AVA45-03	Abutment for screw-retained prosthesis 45° angled
	YI-AVA45-05	Abutment for screw-retained prosthesis 45° angled
	YI-AVA52-05	Abutment for screw-retained prosthesis 52° angled
	YI-AVA60-05	Abutment for screw-retained prosthesis 60° angled



Macro detail of the prosthetic screw of Zygma implants: the screw head features a hexagonal engagement and, therefore, requires specific drivers as “YI-CV-XXX.”

Traditional components for superstructures on AV abutments

unique platform



Low healing abutment

Y-AVV-TG-04



High healing abutment

Y-AVV-TG-08



Transfer

Y-AVV-TRA



Analog

Y-AVV-ANA



Titanium cylinder with wings

Y-AVV-CT-RIT



Smooth titanium cylinder

Y-AVV-CT-NORIT



Castable cylinder

Y-AVV-CAL

Digital components for superstructures on AV abutments

unique platform



Scanbody

Y-AVV-SB-DIG



Digital analog

Y-AVV-ANA-DIG



T-base for angled screw hole*

Y-AVV-TCA





*Y-AV-VTP-14 screw included, also usable with dynamic screw 41.314.039.01-2

Y-AV-VTP-14 Screw included









Macro detail of the prosthetic screw for superstructures on AV abutment: the screw head features a Torx engagement and, therefore, requires specific drivers as "YV-CV-XXX"

Clinical and laboratory prosthetic screws

	YI-AVA-VTP	Prosthetic screw
	Y-AV-VTRA	AV transfer screw
	Y-AV-VTP-14	AV superstructure screw
	41.314.039.01-2	Dynamic screw for angled hole

Optional prosthetic drivers

	YV-CV-MAN-C*	Short manual screwdriver
	YV-CV-MAN-M*	Medium manual screwdriver
	YV-CV-MAN-L*	Long manual screwdriver
	YV-CV-CA-C*	Short contra-angle screwdriver
	YV-CV-CRI-C*	Short ratchet screwdriver
	YV-CV-CRI-M*	Medium ratchet screwdriver

**not included in the surgical kit, available for individual order*

«Zygma was developed to meet the demands of clinicians in rehabilitating severe atrophies of the completely edentulous upper jaw with a fixed prosthesis solution. It is indicated as the last therapeutic approach in this specific type of patients when other rehabilitation strategies are no longer possible.»



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