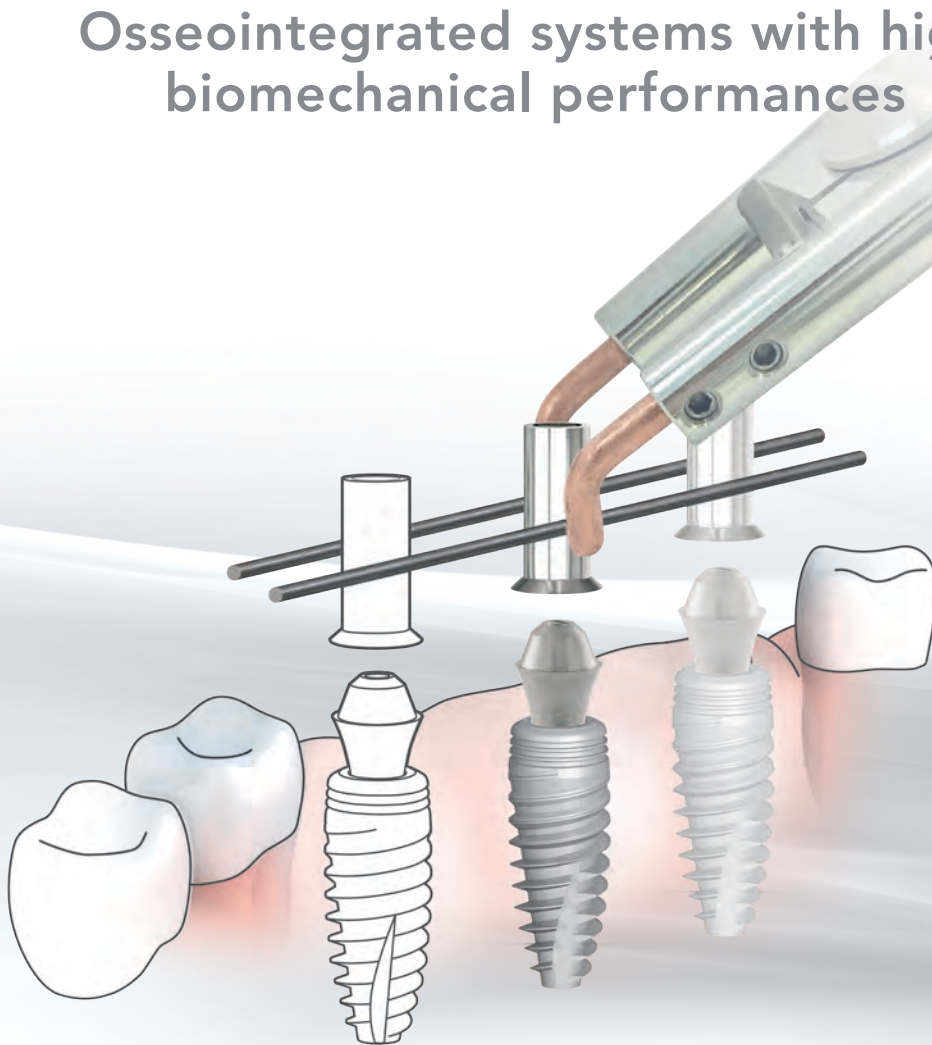




WELD SYSTEM TECHNIQUE

Osseointegrated systems with high biomechanical performances



RELIABLE CHAIRSIDE SOLUTIONS

ITS. INNOVATION AND TECHNOLOGY FOR SMILE PROFESSIONALS.

ITS ABUTMENT LEVEL RESTORATIONS

OBJECTIVES AND BENEFITS OF TREATMENT

Perfect prosthetic stability and underlying tissues

Optimal aesthetic and mastication

Maximum patient comfort

Simple and efficient oral hygiene

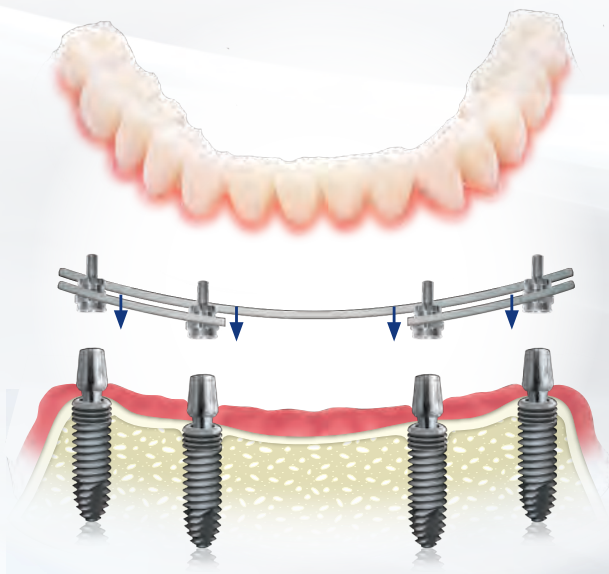
Excellent aural

Short term rehabilitation and immediate loading

Effective, economical and predictable procedure

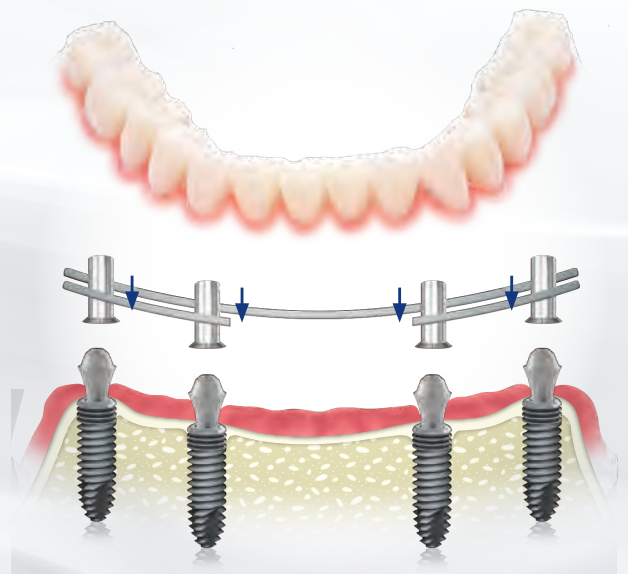
High degree of patient satisfaction

KONE Weld System



Abutment level
CONICAL RETENTION

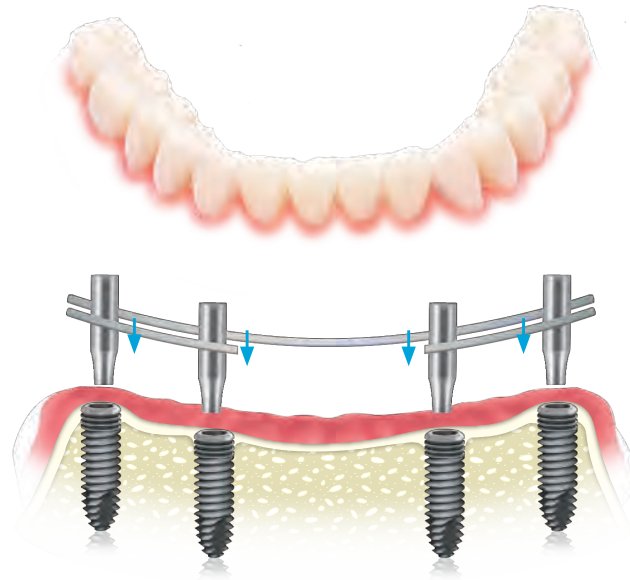
KAC/KPCA Weld System



Abutment level
SCREWED RETENTION

ITS FIXTURE LEVEL RESTORATIONS

Immediate Abutment Welding



Intra and extra oral welding techniques involves a considerable **INCREASE OF BIOMECHANICAL PERFORMANCES**

The **immediate rehabilitation** with Overdentures on implants, according to the concept **Weld System Technique** compared to a conventional treatment, has the benefit to **reduce drastically the procedures and laboratory costs**. Moreover, the immediate placement of the prosthesis with a intraoral welding technique, determines a **secondary splinting** of implants.



This method provides undoubted benefits for both the clinician and the patient. The high number of successes and the remarkable stability of the **peri-implant** hard and soft tissue, give reason to believe that this new concept of **prosthesis** is a very valid therapeutic procedure.

KONE Weld System

DIRECT TECHNIQUE

Advanced protocol of immediate loading with implant splinting and extraoral welding on conical connection implants and fixed prosthesis on abutments and conical intraoral welding caps.

BRIEF OPERATING PROCEDURE

Case report furnished by Dr. G. Molinari



1 Conical implant
ITS KCL EXTREME



2 Coupling conical
abutment ITS 5'



3 Parallelization
procedures



4 Achievement
of intraoral parallelism.



5 Activation of the conical caps
for the subsequent welding.



6 Intraoral welding



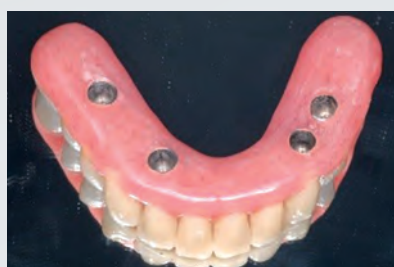
7 Aesthetics opacification



8 Bar adapted on prosthesis



9 Passivation test



10 Finishing the prosthesis



11 Work completed



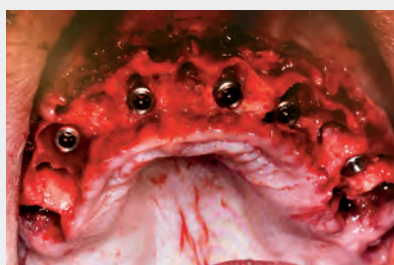
12 Radiographic Control
Kone Weld System

KONE Weld System

UNDIRECT TECHNIQUE

Advanced protocol of immediate loading with implant splinting and extraoral welding on conical connection implants and fixed prosthesis on abutments and conical caps.

BRIEF OPERATING PROCEDURE



1 Implant positioning



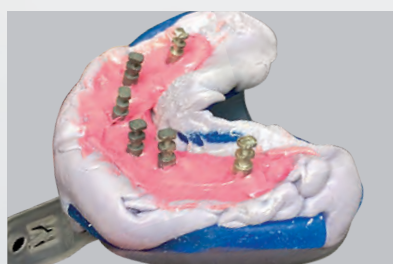
2 Positioning of prosthetic abutment



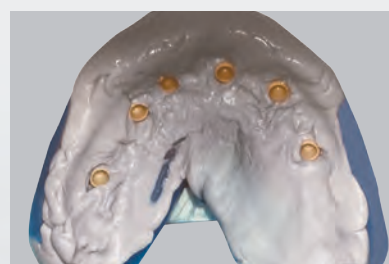
3 Parallelization of prosthetic abutment



4 Positioning of snap transfer



5 Positioning of analogue



6 Caps into the impression



7 Welding bar on conical caps



8 Insertion of the welded bar into the prosthesis



9 Definitive restoration

WELD SYSTEM TECHNIQUE

	CODE	DESCRIPTION	TRANSINGIVAL HEIGHT
		Clamp set ITS KONE WELD SYSTEM with box completely autoclavable	
	KASN 5281	Abutment KONE WELD SYSTEM 5' straight	1,5 mm
	KASN 5283	Abutment KONE WELD SYSTEM 5' straight	3 mm
	KAPN 5251	Abutment KONE WELD SYSTEM 5' angled 10°	1,5 mm
	KAPN 5253	Abutment KONE WELD SYSTEM 5' angled 10°	3 mm
	KAPN 5281	Abutment KONE WELD SYSTEM 5' angled 17°	1,5 mm
	KAPN 5283	Abutment KONE WELD SYSTEM 5' angled 17°	3 mm
	KAPN 5291	Abutment KONE WELD SYSTEM 5' angled 30°	1,5 mm
	KAPN 5293	Abutment KONE WELD SYSTEM 5' angled 30°	3 mm
	KAC 5522	Straight conical	2,5 mm
	KAC 5540	Straight conical	0,7 mm
	KAC 5541	Straight conical	1,5 mm
	KAC 5542	Straight conical	2,5 mm
	KAC 5544	Straight conical	4,0 mm
	KPCA 5581	Conical 17°	1,5 mm
	KPCA 5582	Conical 17°	2,5 mm
	KPCA 5584	Conical 17°	4,0 mm
	KPCA 5591	Conical 30°	1,5 mm
	KPCA 5592	Conical 30°	2,5 mm
	KPCA 5594	Conical 30°	4,0 mm
	TPNC 5563	Kac Welding Cylinder	
	KTP 5561	Fixture Level Welding Cylinder	
	KTCS 03	Kone Weld System conical cap	
	KTCS 05	Smooth conical cap	
	MP7400	Parallelizer	
	BAR 12 BAR 15 BAR 20	Titanium welding bars Diameter \varnothing 1,2 Diameter \varnothing 1,5 Diameter \varnothing 2 mm	
	KTCS 32	SNAP cap for Kone Weld System undirect technique	
	LRC 4603	Kone Weld System laboratory analogue	