

Straight Octagon Abutment for Tissue Level Implant



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Cover screw in place

The presentation that follows lists only one combination of parts. Obviously the clinical situation may call for substitution of another part on this slide



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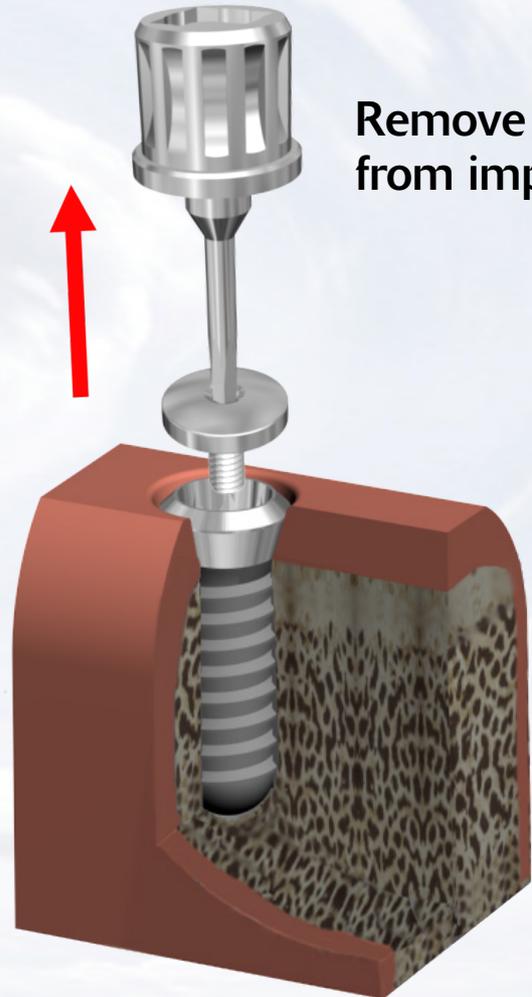
	Size	Part #
	Torque/Ratchet Wrench	TR-900-01
	Thumbwheel/ITI Wrench Adapter	ITI-Adapter
	.048 Hex Driver short	SDS048
	.048 Hex Driver long	SDL048

Prosthetic instruments needed



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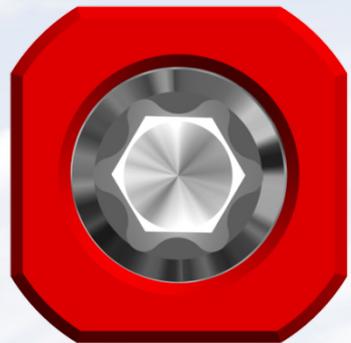
Remove cover screw from implant

Assemble screw driver with ITI - Adapter (thumb-wheel / adapter)
Insert assembled screw driver into cover screw and turn counter clockwise



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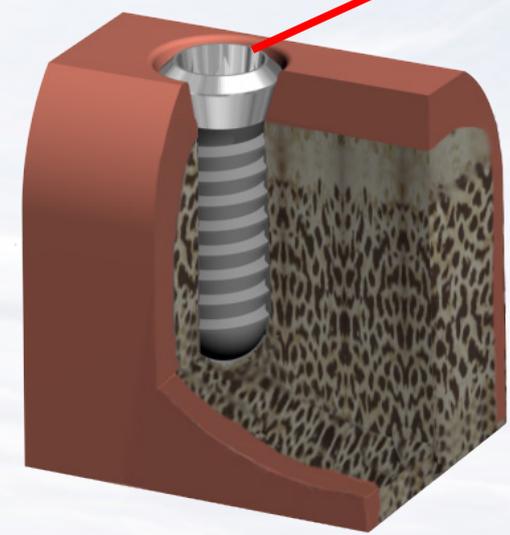
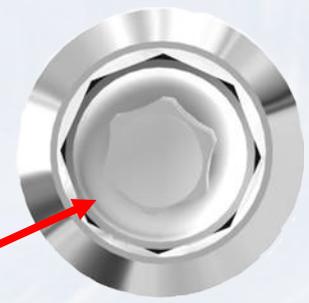


Overhead view on impression transfer shows the center screw within the transfer
The screw can spin separately from the impression coping

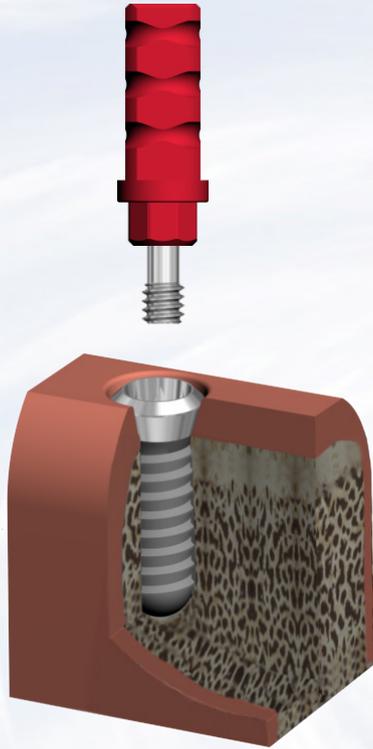


Side view of impression transfer

Male octagon at the base of the impression transfer matches the female octagon within the implant



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Insert screw into impression coping
Insert the impression transfer into implant and rotate until male octagon of the transfer is aligned with female octagon of the implant and transfer

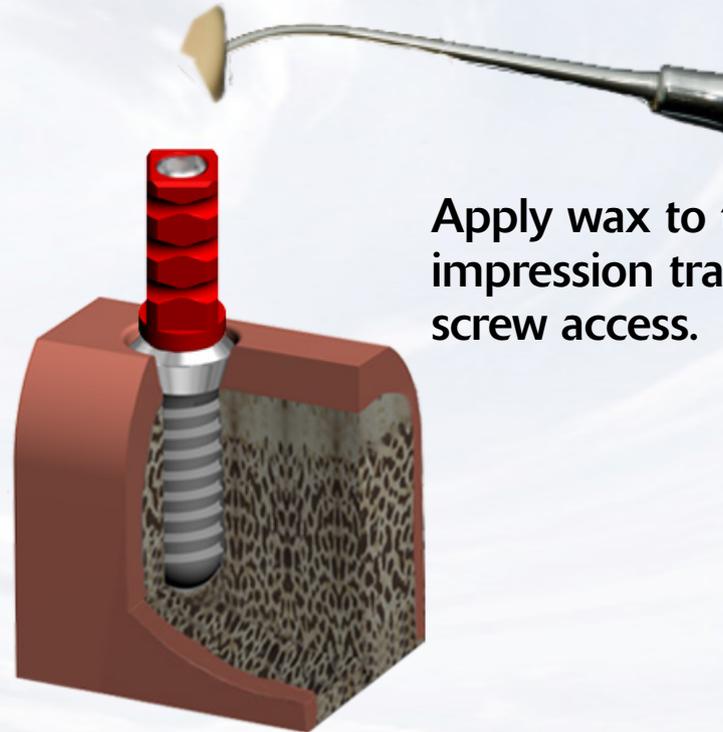


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Remove screwdriver assembly



Apply wax to the top of the impression transfer to seal screw access.



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Inject impression material around the impression transfer

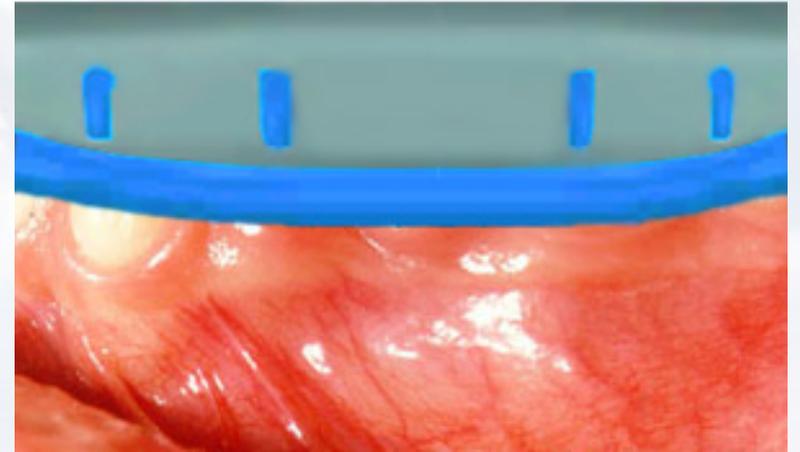


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Insert tray with impression material

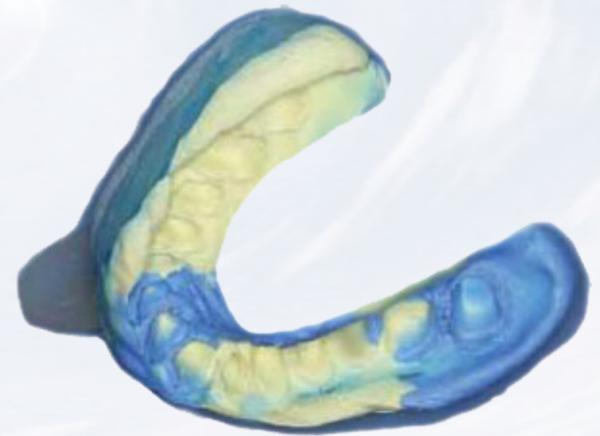
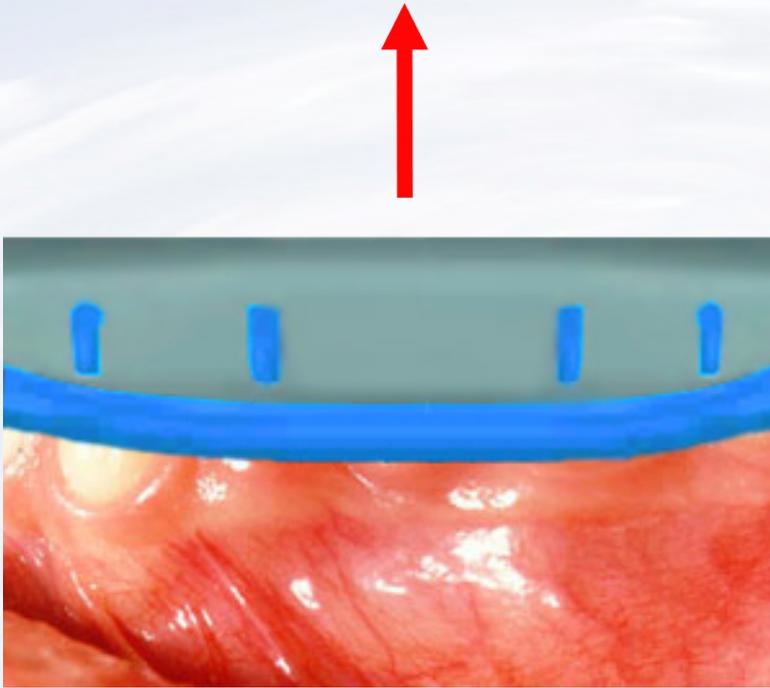


Seat impression to capture dental arch



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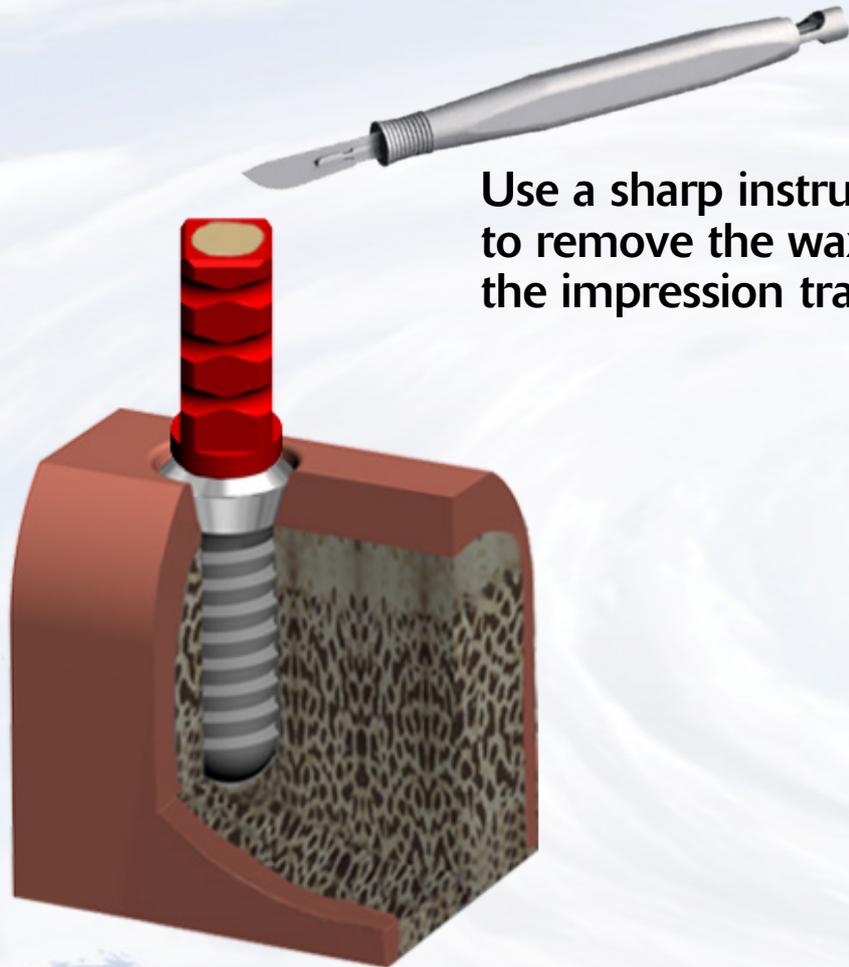


Remove the impression from the mouth when material has set



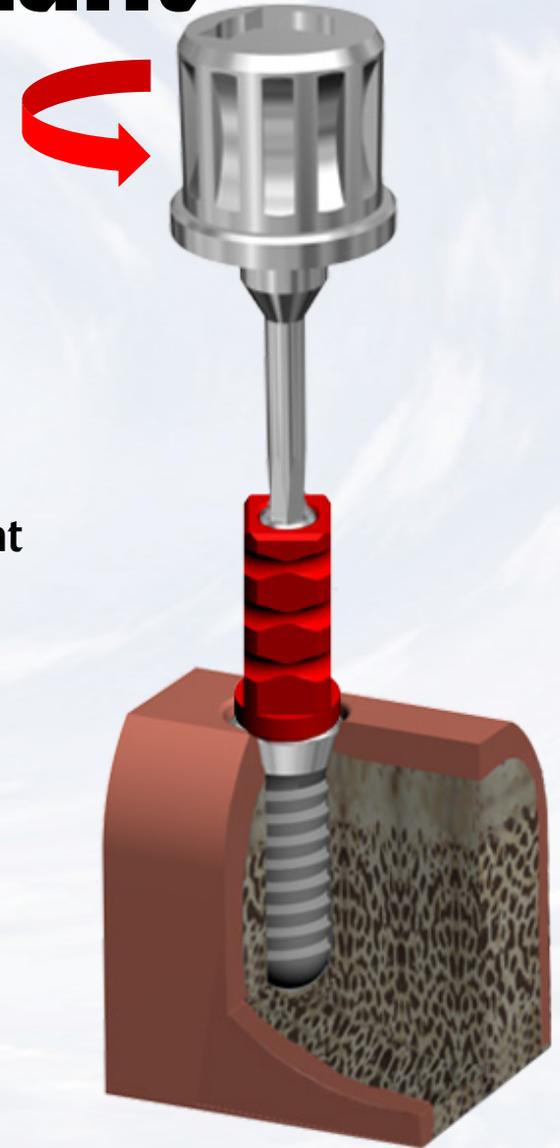
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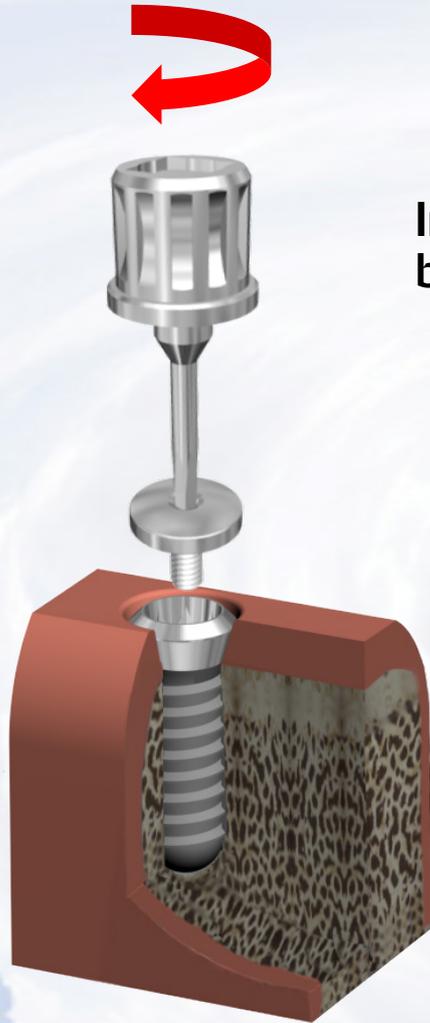
Use a sharp instrument to remove the wax from the impression transfer

Remove impression transfer from implant



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Insert cover screw
back into implant

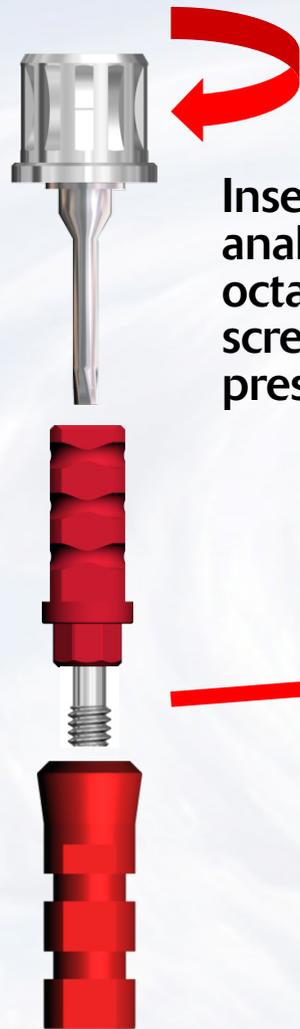


Cover screw in place

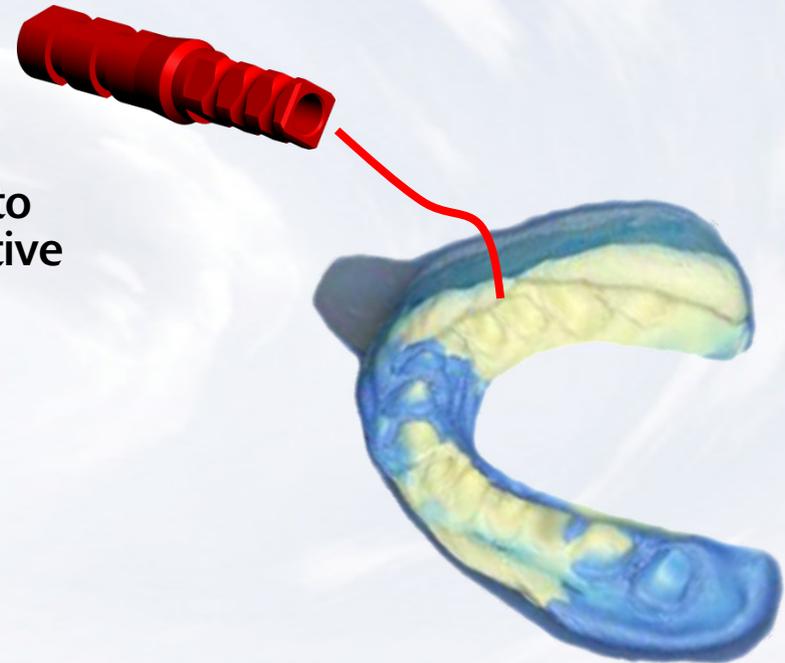


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Insert impression transfer into analog matching the respective octagons and turn fixation screw clockwise with finger pressure



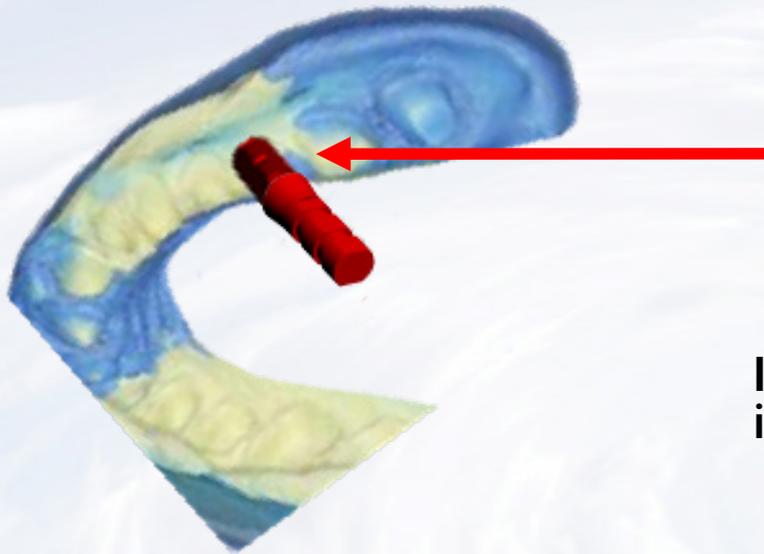
Insert transfer/analog assembly into impression



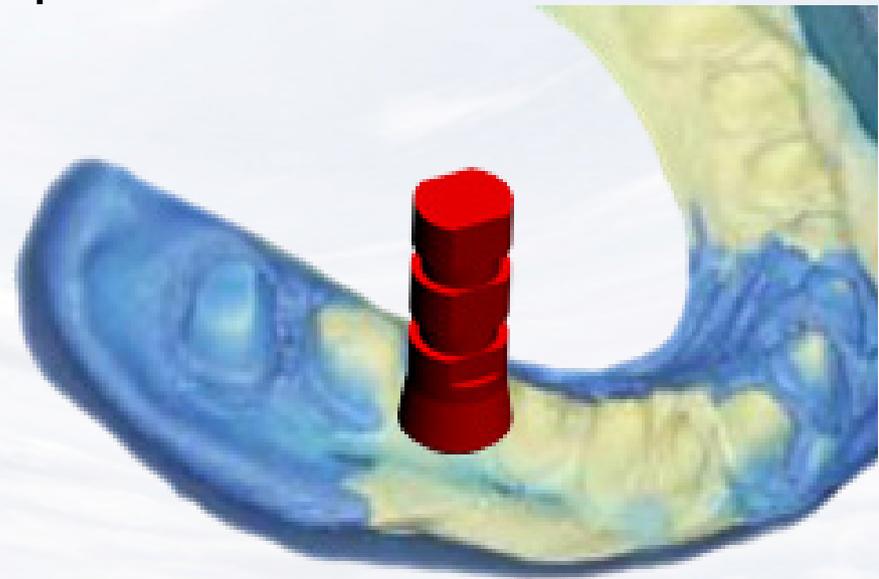
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Make sure to align the flats within the rubber of the impression with the flats on the implant level impression coping



Impression transfer/analogue inside impression



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Apply soft tissue replica material around implant level analog



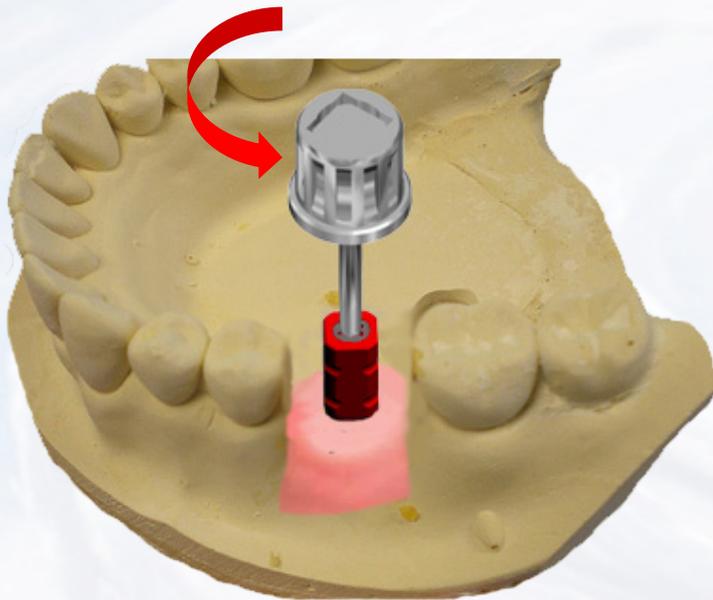
Pour dental Straight into impression



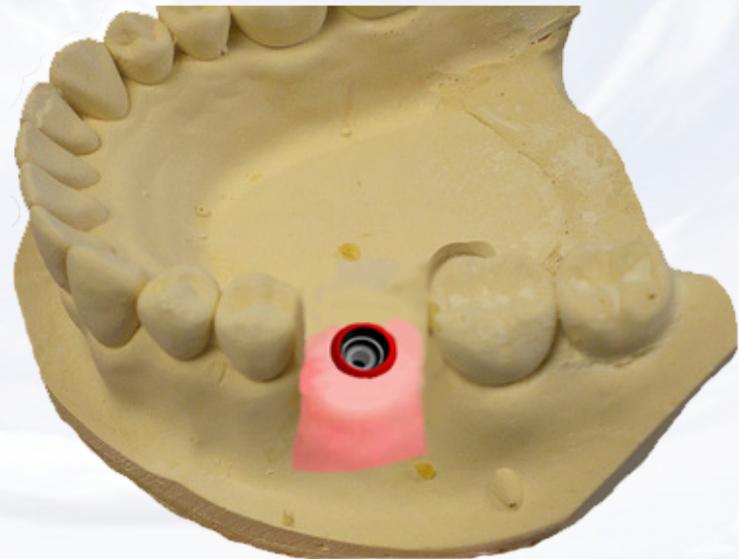
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Remove model from impression and loosen the fixation screw of the impression transfer by turning screw driver counter clockwise



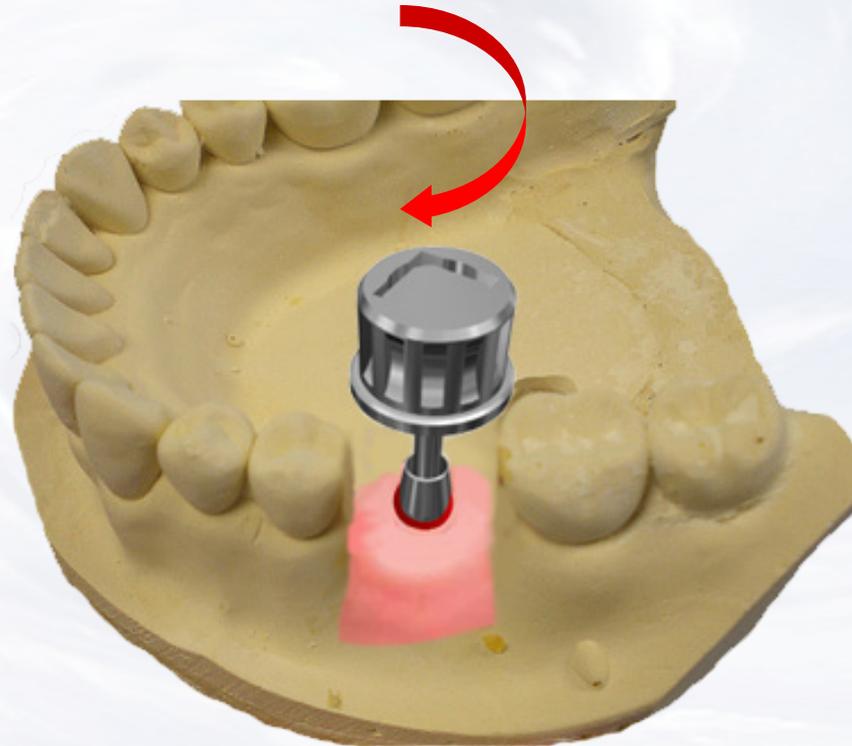
Remove impression transfer from analog



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Insert screw driver assembly into synOcta compatible abutment fixation screw within abutment

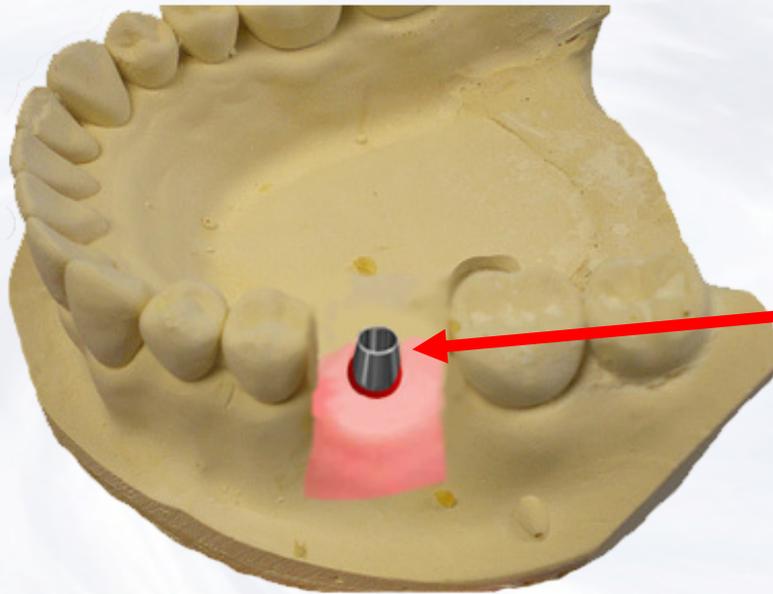


Insert abutment into implant level analog and align the male octagon of the abutment with the female octagon of the implant level analog. Turn the fixation screw within the abutment clockwise. The outside of the abutment should not turn, only the fixation screw within the abutment should turn.



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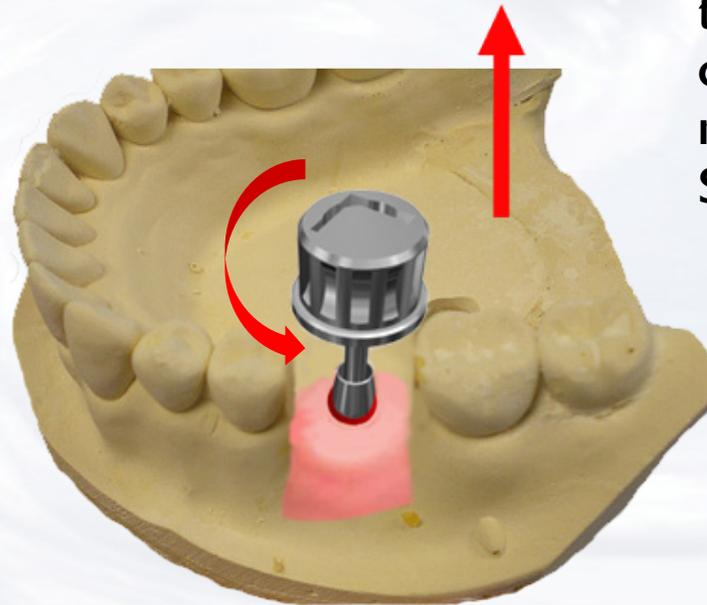


Determine areas of the abutment that require reduction and mark on the abutment



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After marking the areas for reduction on the synOcta compatible abutment remove it from the Straight cast

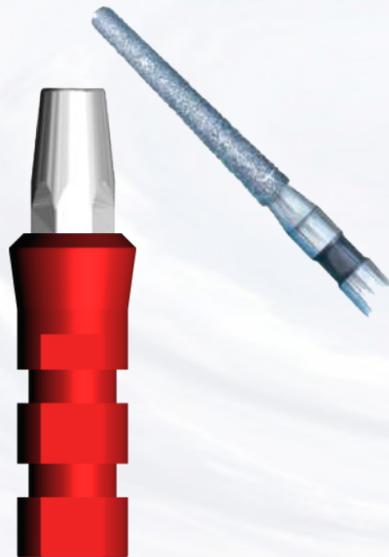


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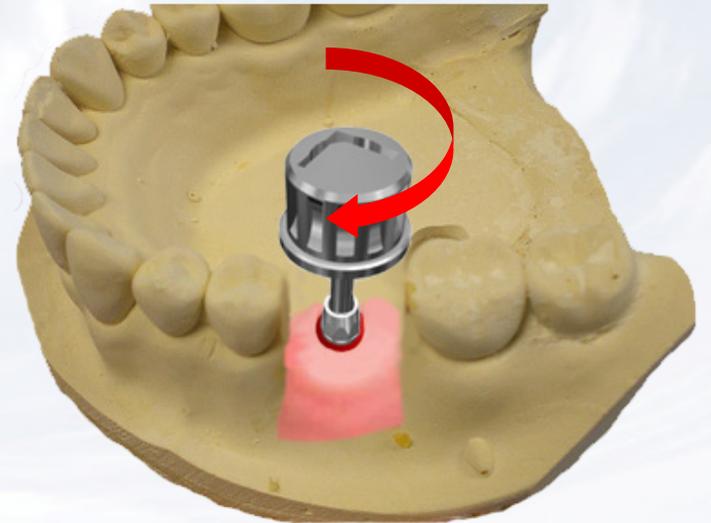
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Place the abutment into an analog



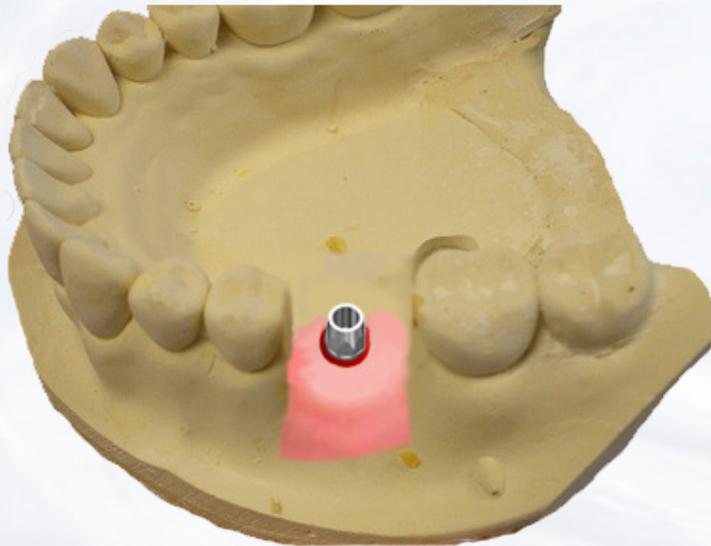
Re-insert the abutment in the Straight cast



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Add die spacer on the abutment and wax up the undercasting directly on the abutment



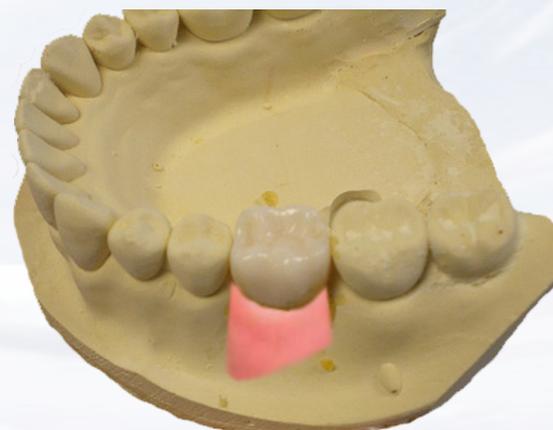
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Cast wax up in usual manner and
complete the metal casting



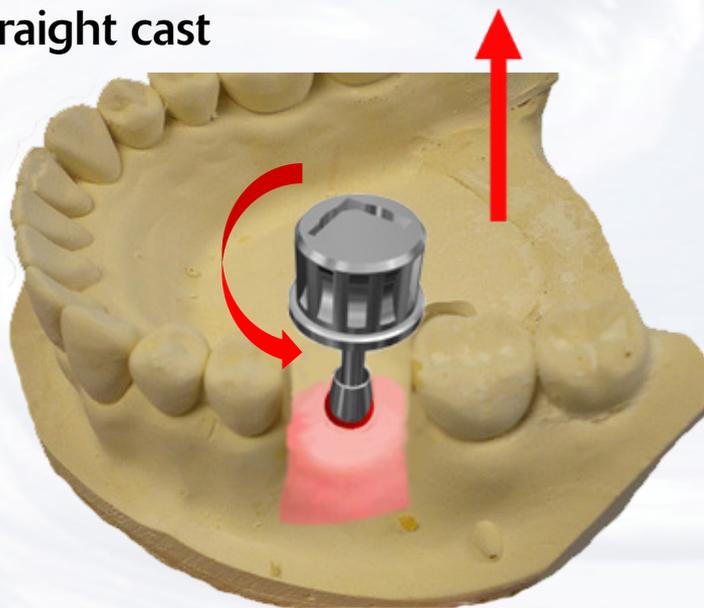
Stack and fire the
ceramic in the usual
manner and complete
the restoration



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After marking the areas for reduction on the synOcta compatible abutment remove it from the Straight cast



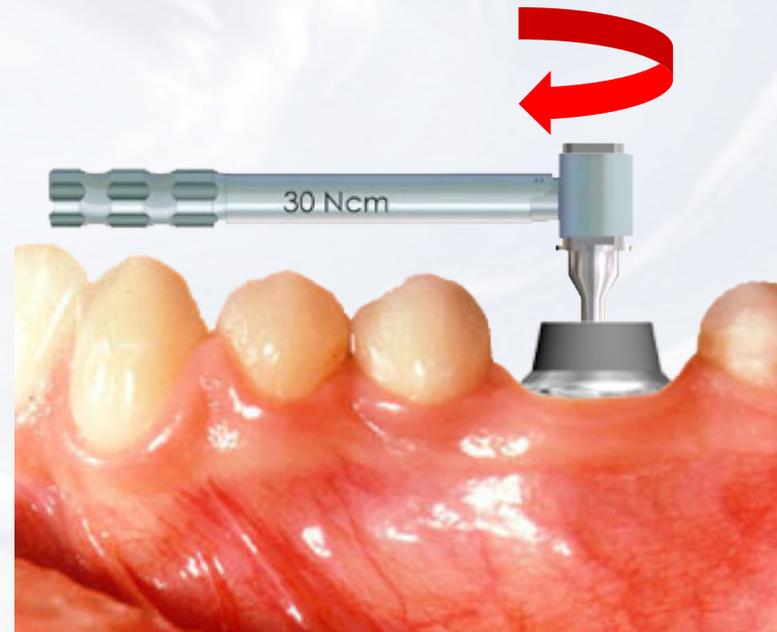
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Insert driver into the abutment screw and turn torque ratchet clockwise until torque of 30 Ncm is reached and the head of the ratchet releases



Insert the hex driver within the 30Ncm torque ratchet



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Cement restoration on abutment



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