

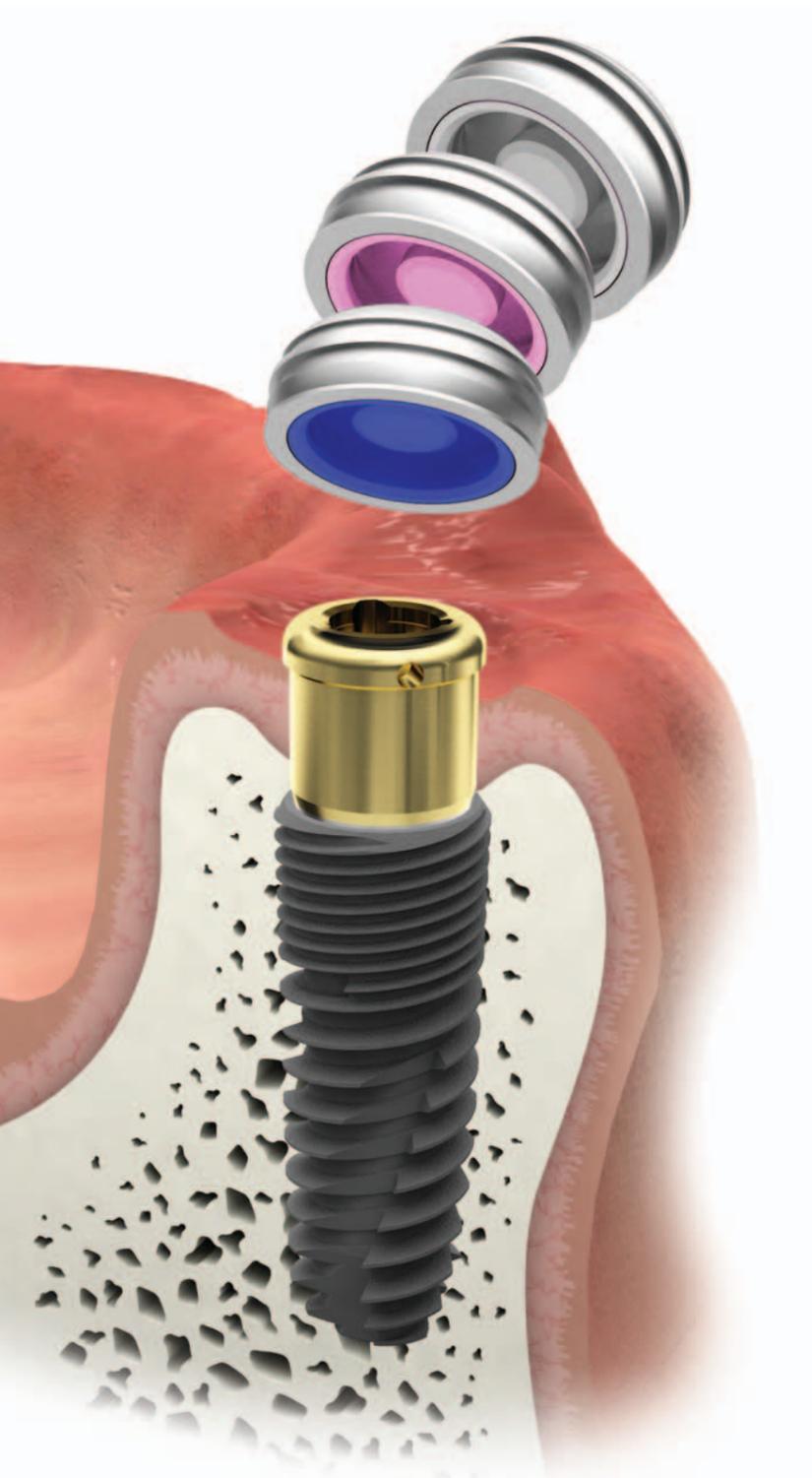
# LOCATOR<sup>®</sup> System

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● HIOSSEN LOCATOR® SYSTEM ↙



■ Features

- Stable dual retention & optimal holding capabilities against various retention forces (6N, 12N, 22N)
- Excellent durability
- Possible denture restorations even at small vertical dimension
- Accommodate up to 40° divergence between two implants
- Retention males can be easily placed & removed with core tool

■ Indications

- Implant retained overdenture in the mandible or maxilla.

■ Contraindications

- Tooth and implant supported overdenture
- Divergences greater than 40° between two implants.

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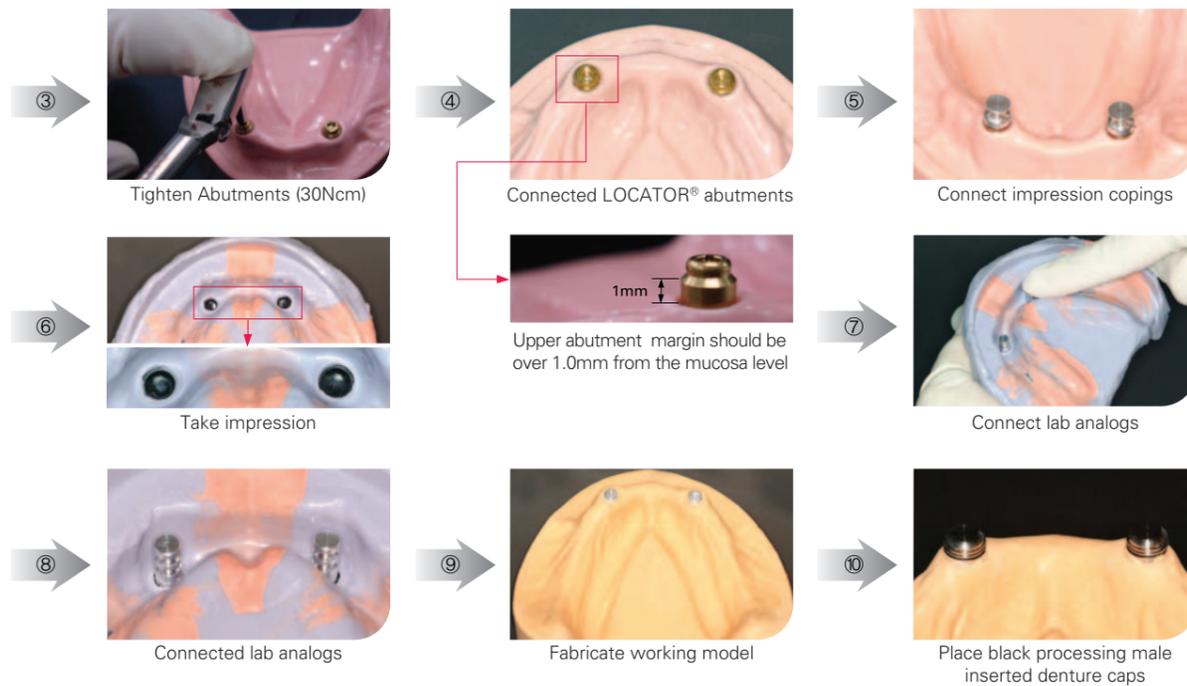
Description	Component Flow Diagram	Tool
Replacement Male	<p>0° ~10° divergence      10° ~20° divergence</p>	<p>Core Tool</p>
Denture Cap		
Black Processing Male		
Lab Analog		<p>Block out spacer</p>
Impression Coping		
Abutment	<p>HS System      HG System</p>	
Fixture		<p>Torque Driver</p>

## ● Procedure of LOCATOR® SYSTEM ↙

### ■ Fabricating individual tray

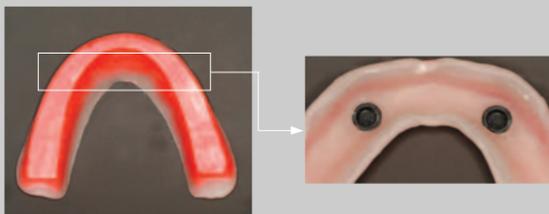


### ■ Taking impression & Fabricating working model



#### Note

- During wax rim fabrication, use denture cap with black processing male for retention on bite registration.



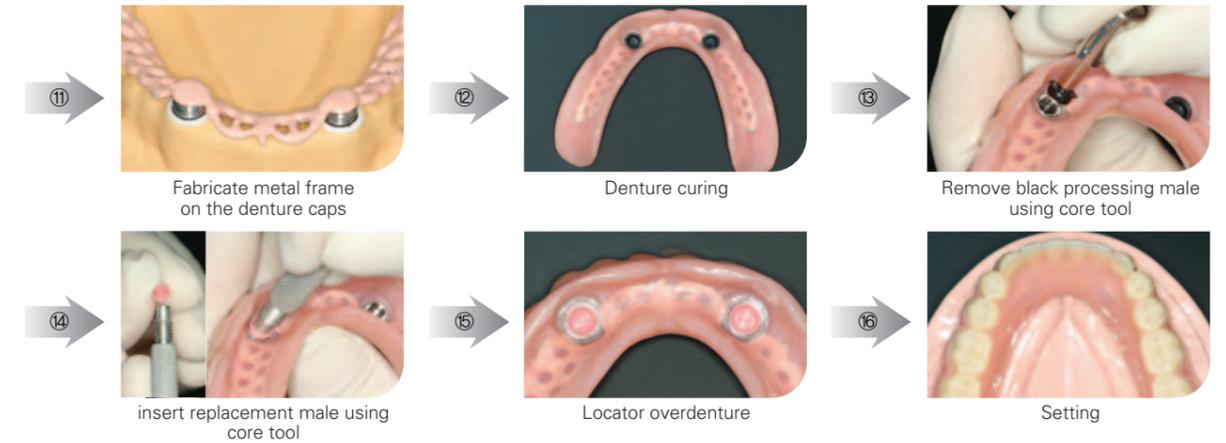
#### • Selecting the replacement males

In the case of implant divergences of more than 10° to 20°, using extended range replacement males (red or green) can give much retention and durability.

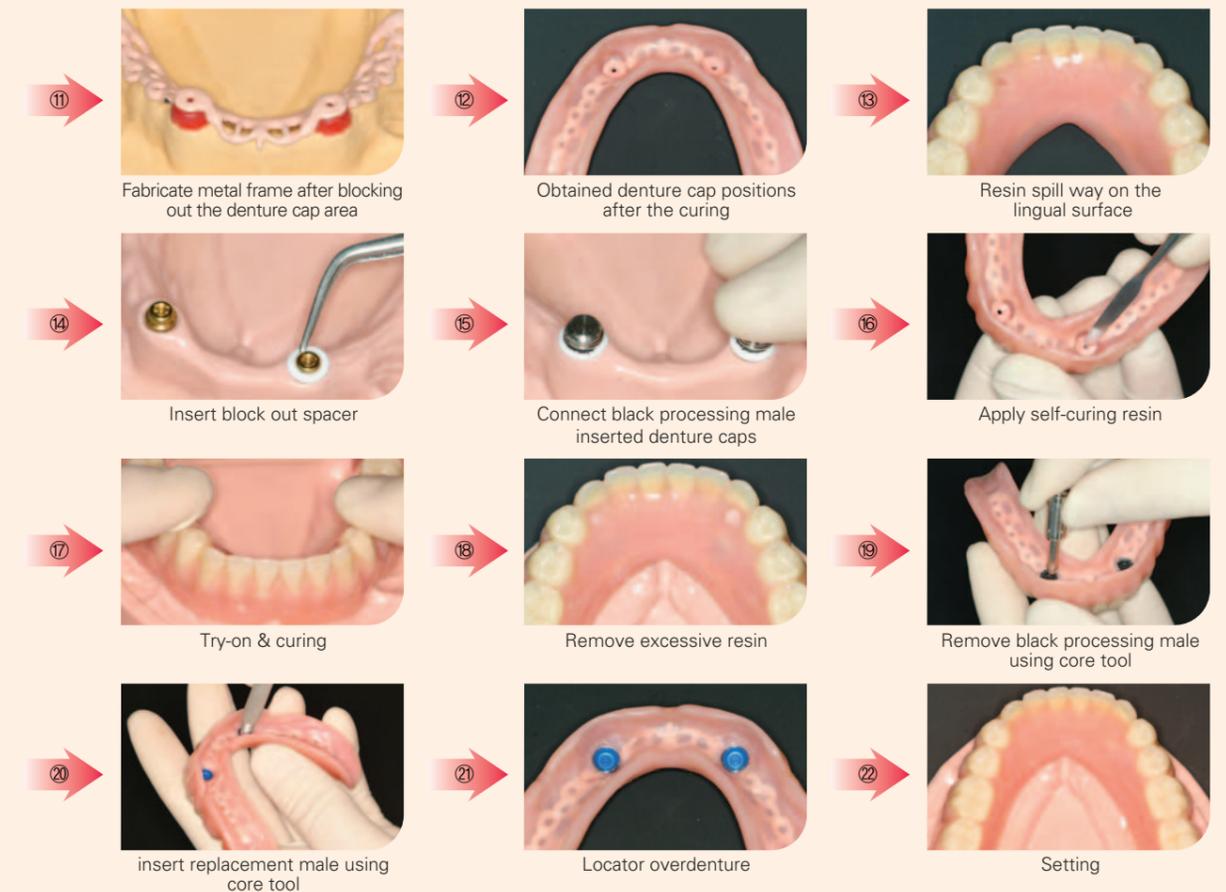
- When selecting males, it is recommended to use the Blue male (least retention) first. If the patients feels that they are too loose, then use the ones with greater retention force.

Blue → Pink → Clear

### ■ Curing denture & changing replacement males (Basic procedure)



### ■ Curing denture & changing replacement males (Intra-oral Technique)



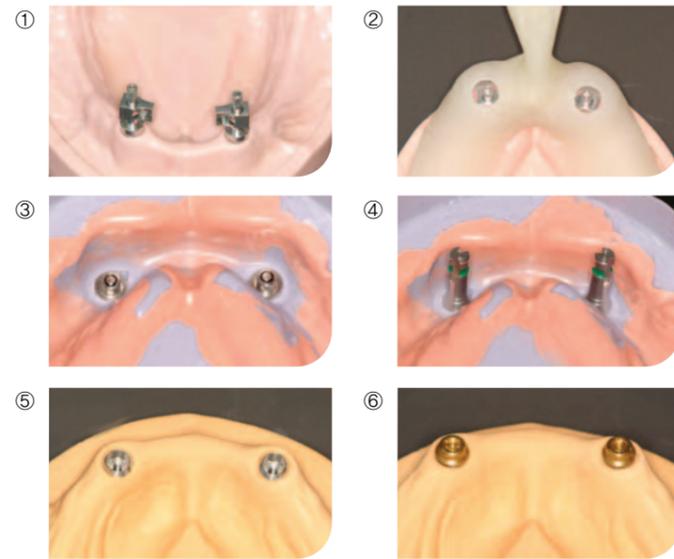
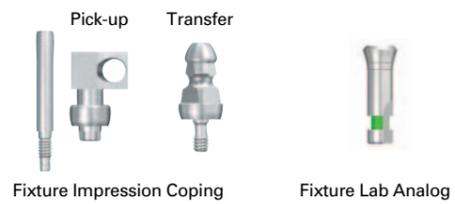


## ● HIOSSEN LOCATOR® SYSTEM

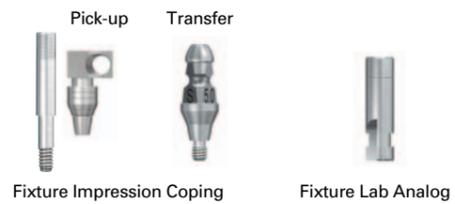
### ■ Fixture level Impression

When using Hiossen fixture level impression components, It is also possible to take impression at the level of fixture without LOCATOR® abutment.

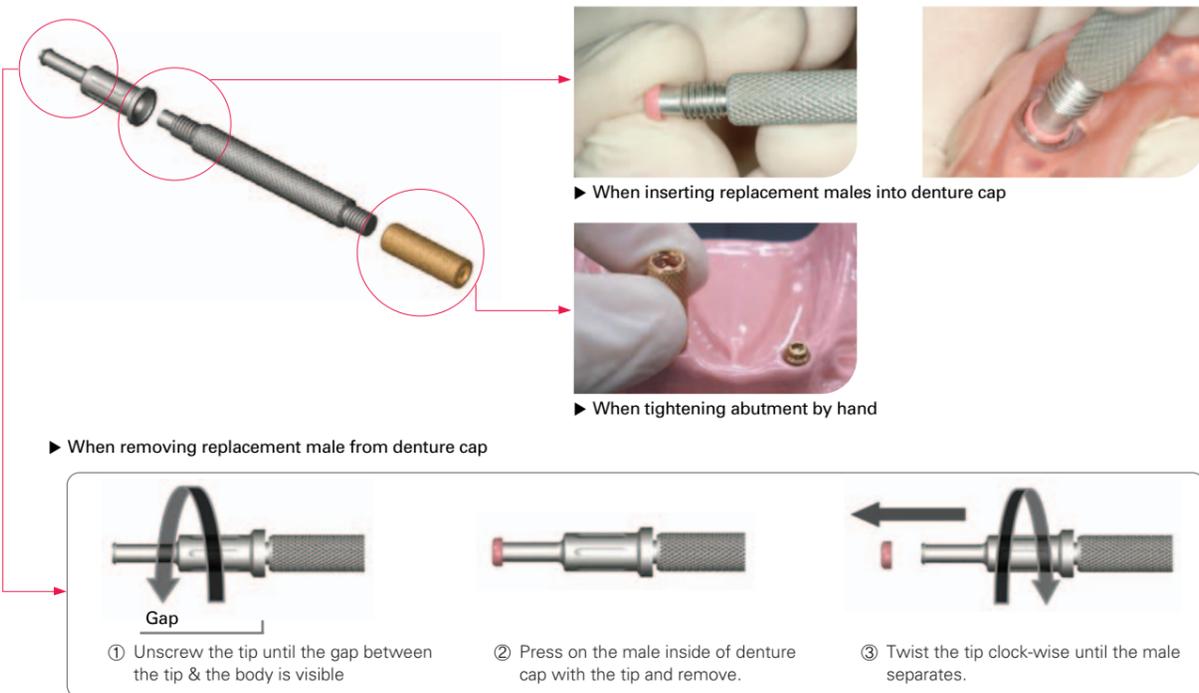
#### HS System



#### HG System



### ■ Using The LOCATOR® Core Tool



#### HS LOCATOR® Abutment

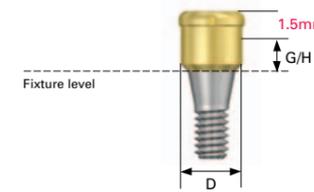
**Regular**  
P :  $\varnothing 4.8$



Platform x G/H	Code
$\varnothing 4.8 \times 0.7\text{mm}$	HSLCA4810R
$\varnothing 4.8 \times 2.0\text{mm}$	HSLCA4820R
$\varnothing 4.8 \times 3.0\text{mm}$	HSLCA4830R
$\varnothing 4.8 \times 4.0\text{mm}$	HSLCA4840R

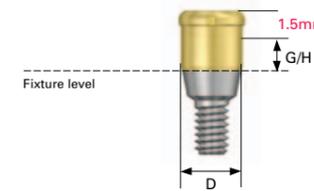
#### HG LOCATOR® Abutment

**Mini**



Diameter x G/H	Code
$\varnothing 3.7 \times 1.0\text{mm}$	HGLCA3510M
$\varnothing 3.7 \times 2.0\text{mm}$	HGLCA3520M
$\varnothing 3.7 \times 3.0\text{mm}$	HGLCA3530M
$\varnothing 3.7 \times 4.0\text{mm}$	HGLCA3540M
$\varnothing 3.7 \times 5.0\text{mm}$	HGLCA3550M

**Standard**



Diameter x G/H	Code
$\varnothing 3.7 \times 1.0\text{mm}$	HGLCA4010S
$\varnothing 3.7 \times 2.0\text{mm}$	HGLCA4020S
$\varnothing 3.7 \times 3.0\text{mm}$	HGLCA4030S
$\varnothing 3.7 \times 4.0\text{mm}$	HGLCA4040S
$\varnothing 3.7 \times 5.0\text{mm}$	HGLCA4050S

#### Component & Tool

**LOCATOR®**  
Impression Coping (4Pack)



**LOCATOR®** Male Processing Kit (2Pack)



**LOCATOR®** Replacement Male (4Pack)



**LOCATOR®**  
Lab Analog (4Pack)



**LOCATOR®** Extended Replacement Male (4Pack)



**LOCATOR®** Black Processing Male (4Pack)



**LOCATOR®** Block-out Spacers (20 pack)



**LOCATOR®** Core Tool



**LOCATOR®** Torque Driver



Instructions for Use: LOCATOR CORE TOOL (redesigned tool – Aug. 2006)



**NOTE:** If you have the new LOCATOR Core Tool complete, (Zest order number 8393) start with Step 2. If you have purchased the newly redesigned Male Removal Tool (Zest order number 8397) portion separately, start with Step 1.

1. Replace the previous curved Male Removal Tool portion of the LOCATOR Core Tool with the new tip (8397), adding it to the Core Tool's existing middle (Male Seating Tool) and end (Abutment Driver) sections. Tighten all 3 pieces together.



2. Loosen the new (8397) Male Removal Tool a full 3 turns counter clockwise (you will see a visible gap).



3. To remove a LOCATOR nylon male from the titanium metal housing; simply insert the new tip into the cap/male assembly and push straight in to the bottom of the nylon male. Then tilt the tool so that the sharp edge of the tip will grab hold of the male and pull it out of the cap.



4. To discard the nylon male from the new tip on the Core Tool; point the tool down and away from you and tighten the new Male Removal Tool clockwise back onto the Core Tool. This will activate the removal pin and dislodge the nylon male from the tip end of the Male Removal Tool.



5. Separate the Male Removal Tool section from the LOCATOR Core Tool and use the Male Seating Tool end of the remaining two sections to place a new nylon male into the empty titanium metal housing.

