Dentium
For Dentists By Dentists

Introduction of Dentium Implant

Help kit

Fixture Remover

[Application]

For removal of fixture when it is broken, or there is no normal hex left, or critical damage was made in the internal thread so there is no option but to eliminate the fixture

[Advantage]

Easy to remove the failed fixture without causing heavy damages in the adjacent bone

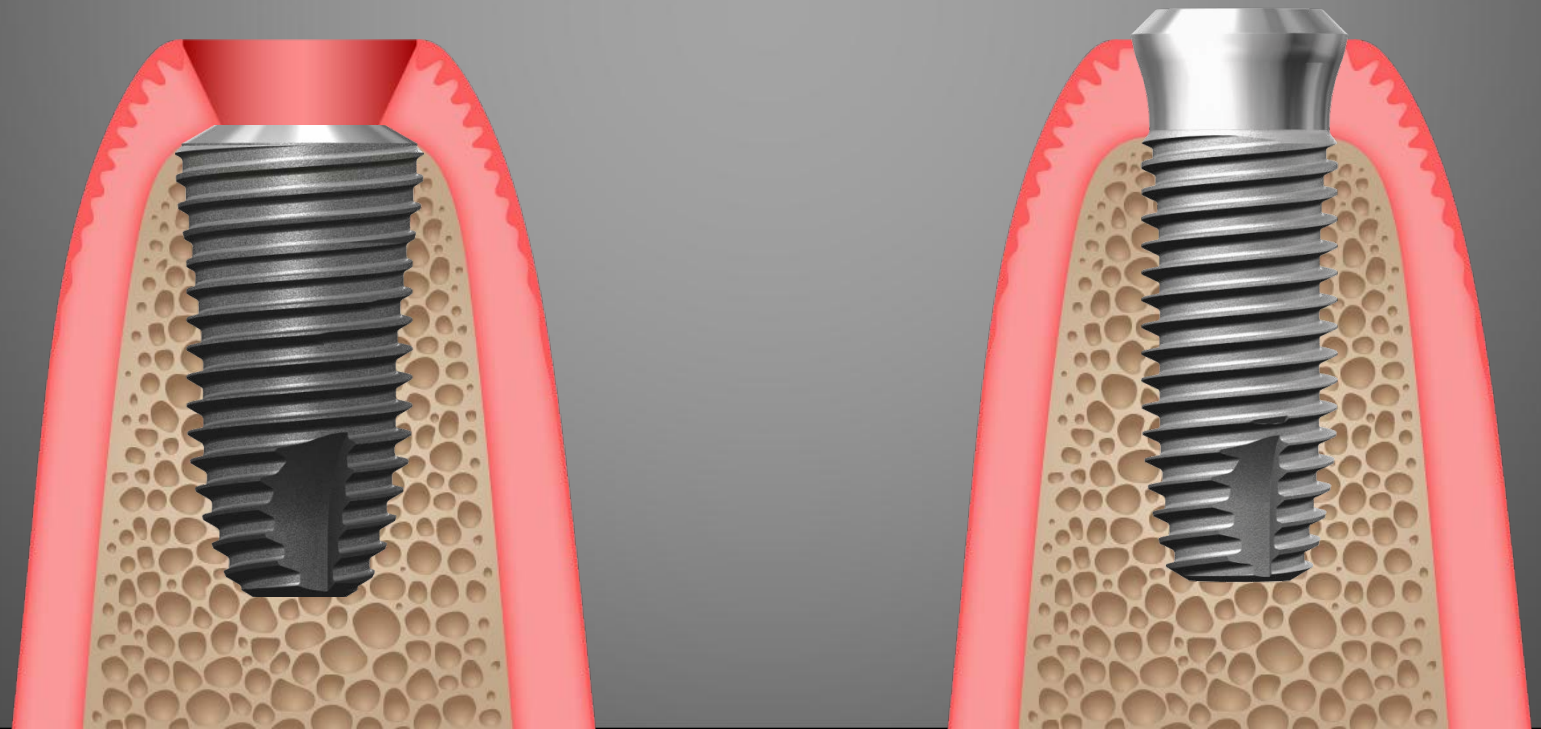
[Usage]

1. Assemble the tool with ratchet, and insert it into the failed fixture to be removed.
2. Gently rotate the ratchet in CCW direction until you can feel it is tightened with the fixture.
3. Continue rotating the ratchet with more torque in CCW direction until the failed fixture comes out.
4. After detaching, you can separate the fixture from the tool by rotating it in CW direction. You may use the wrench (included) for this purpose by connecting the removed fixture and the tool with ratchet if required.

[Caution]

❖ Sufficient irrigation needs to be given to the tool to prevent from excessive heating during the work.

1) Fixture Remover



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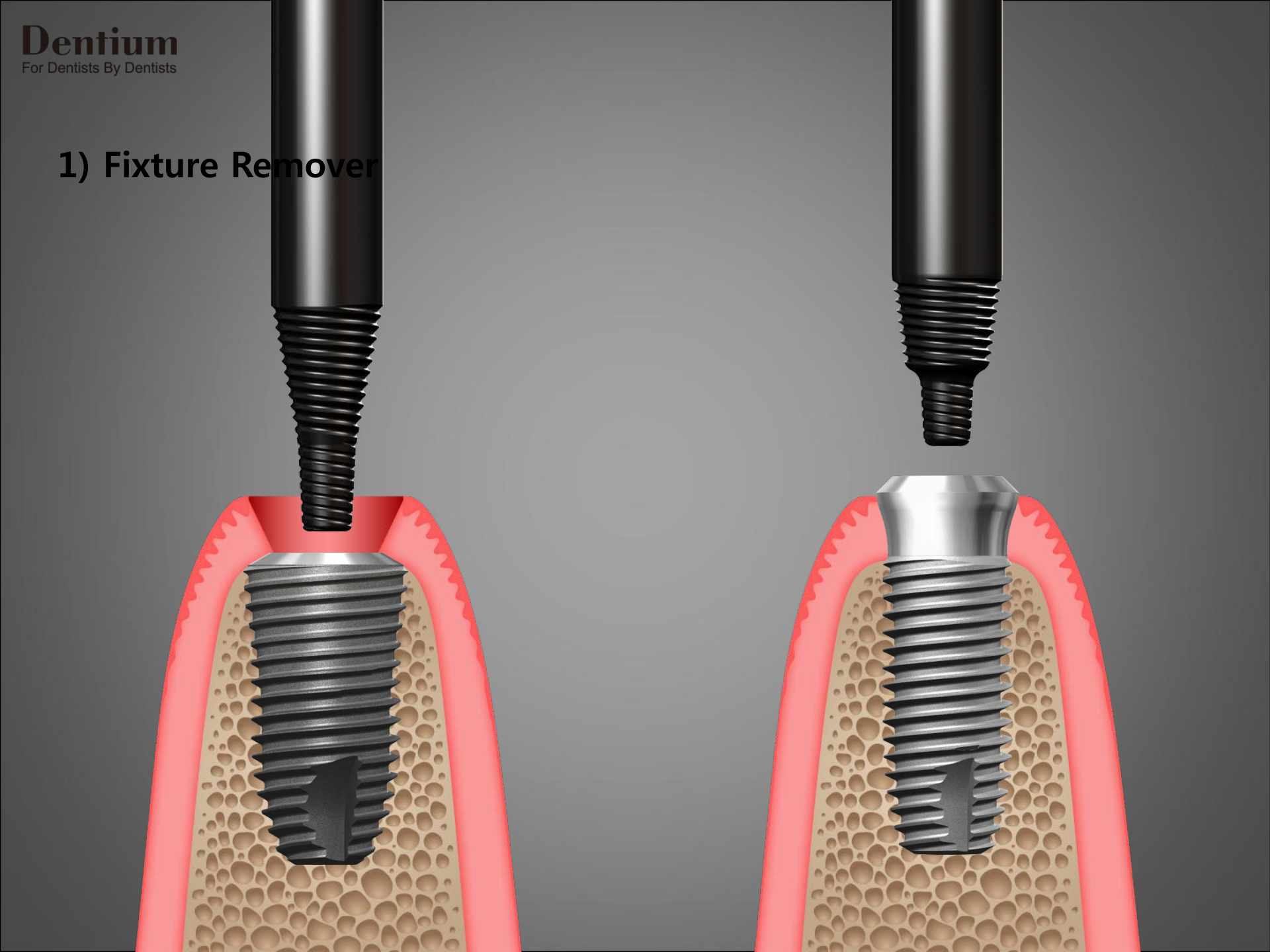

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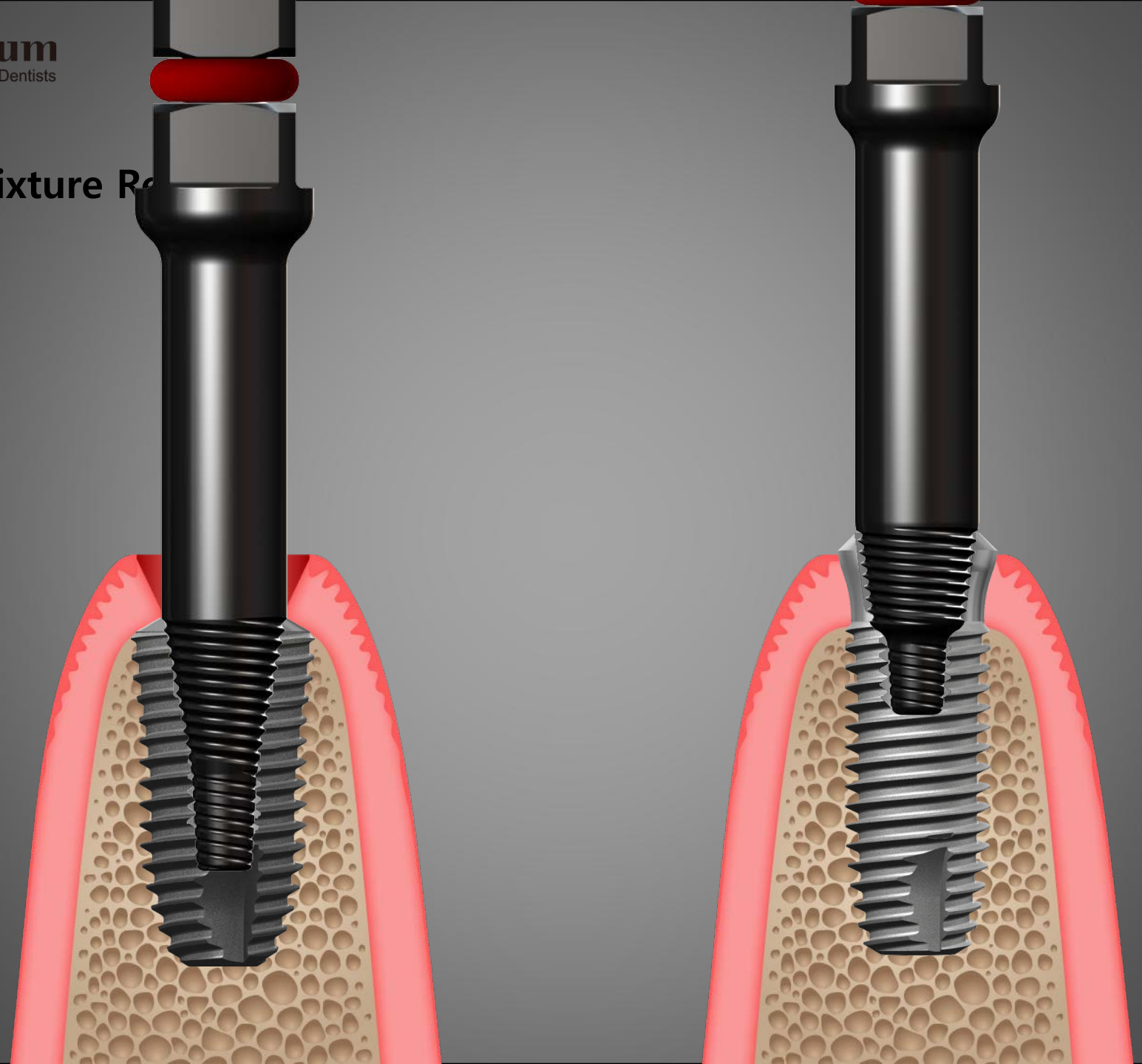

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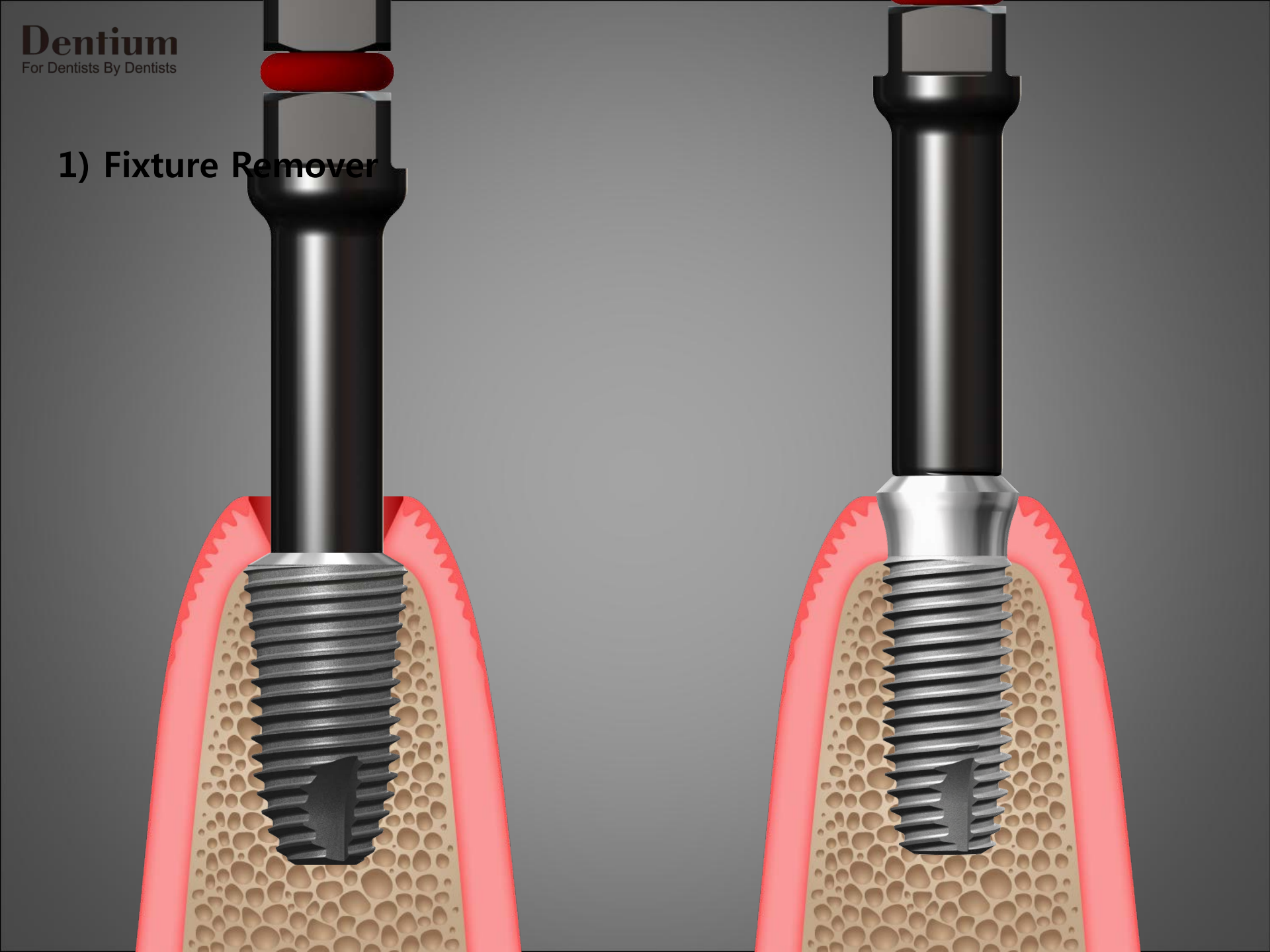

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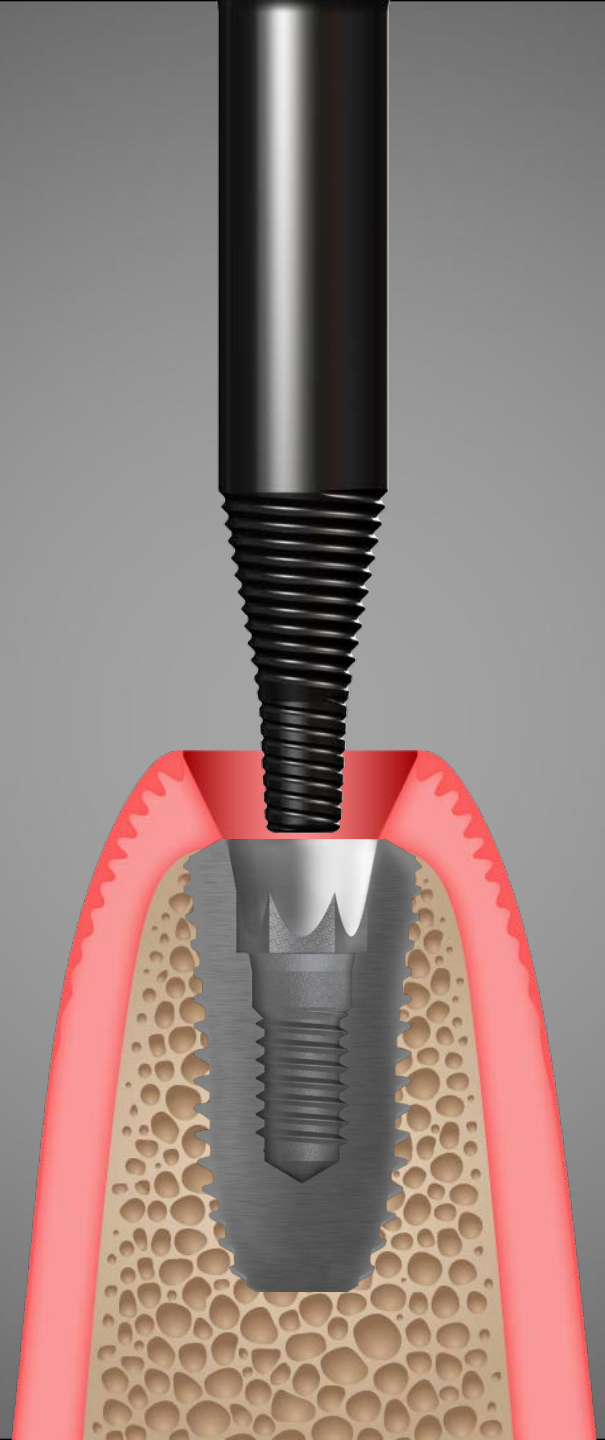

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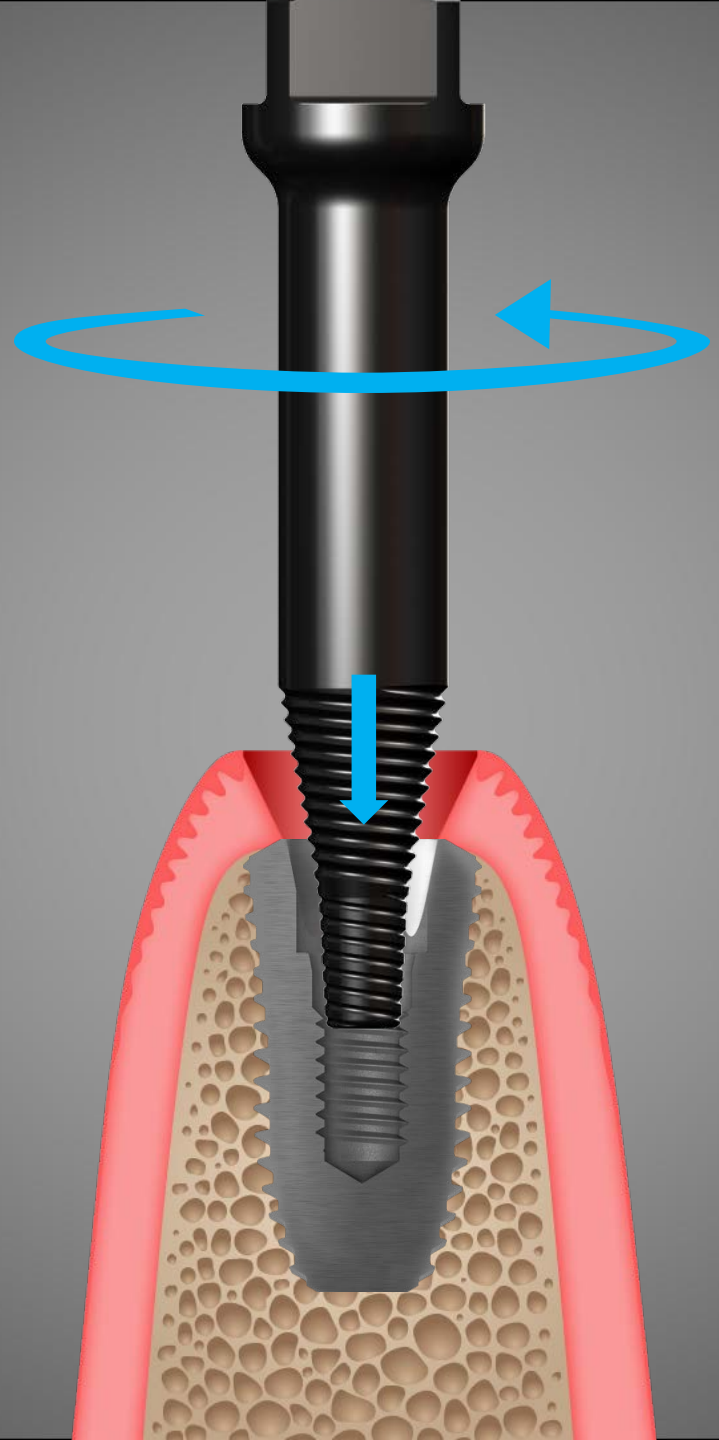

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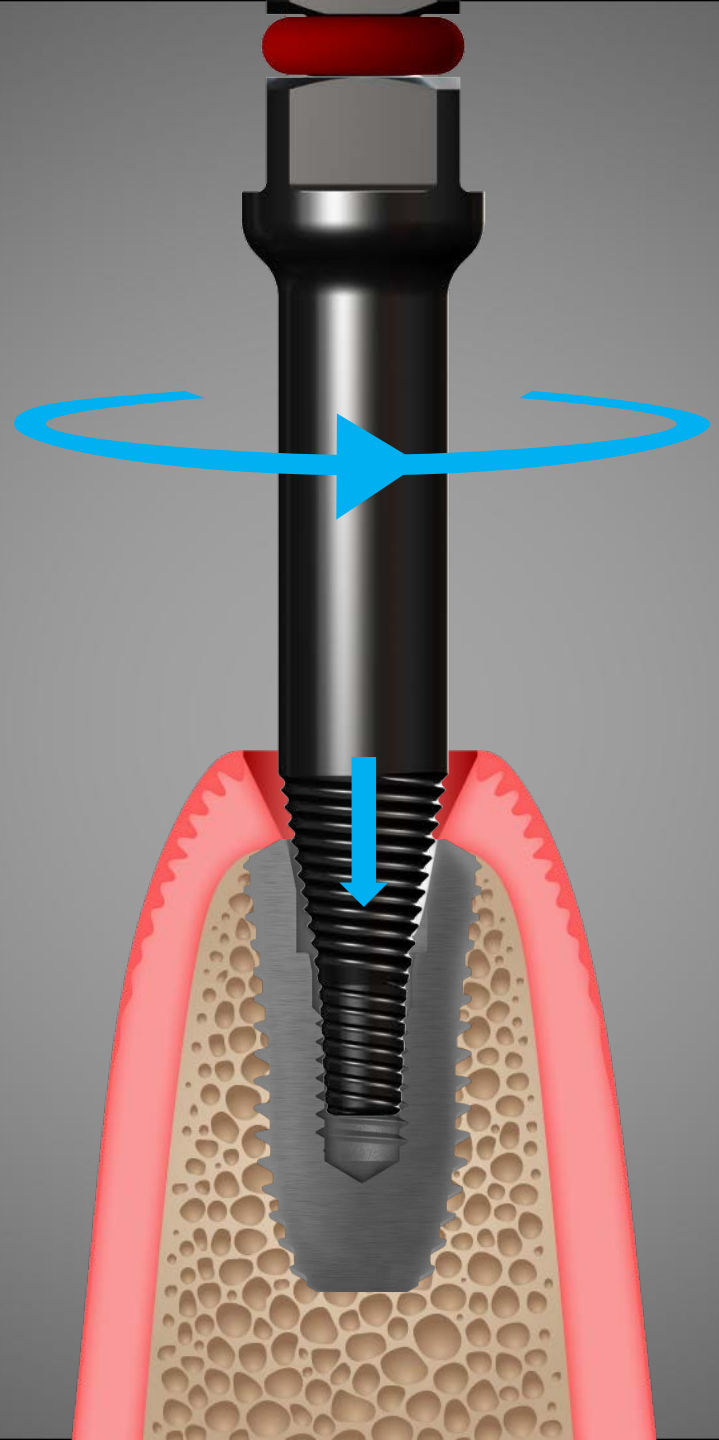

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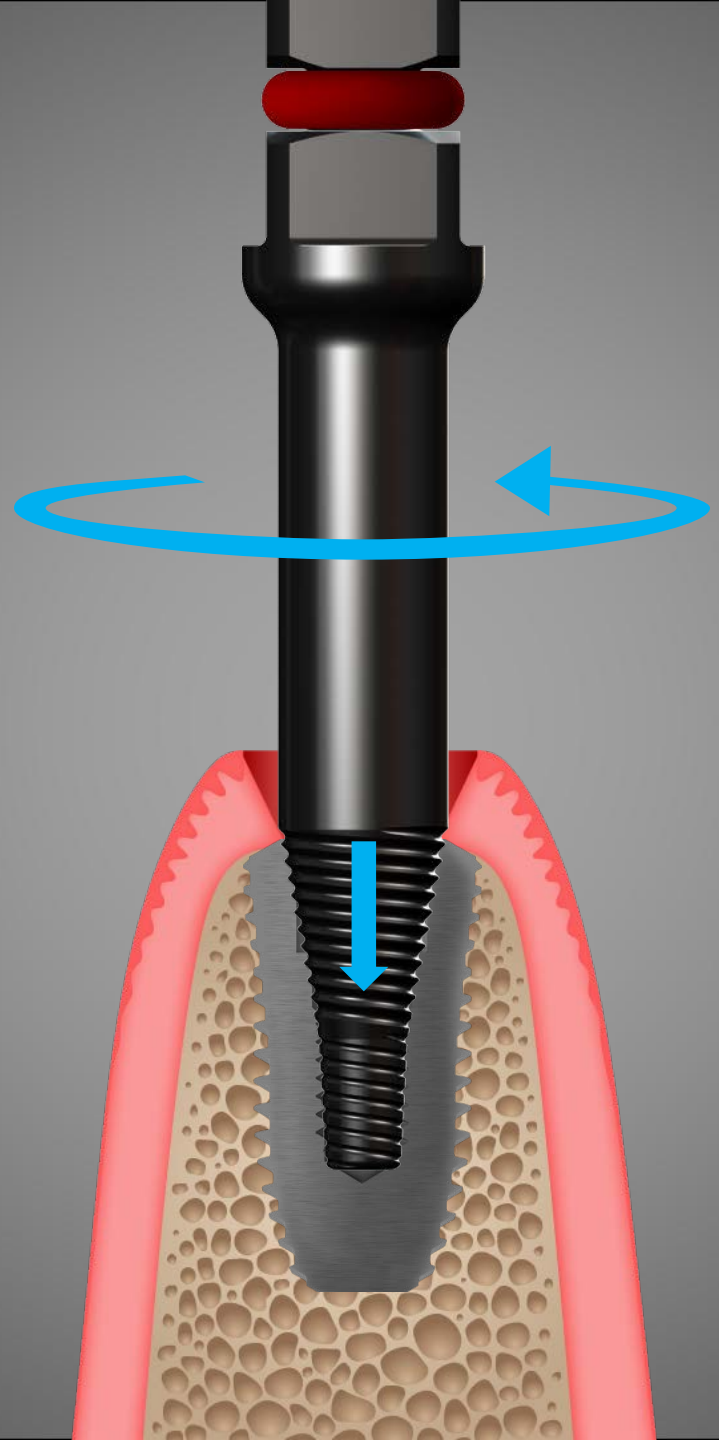

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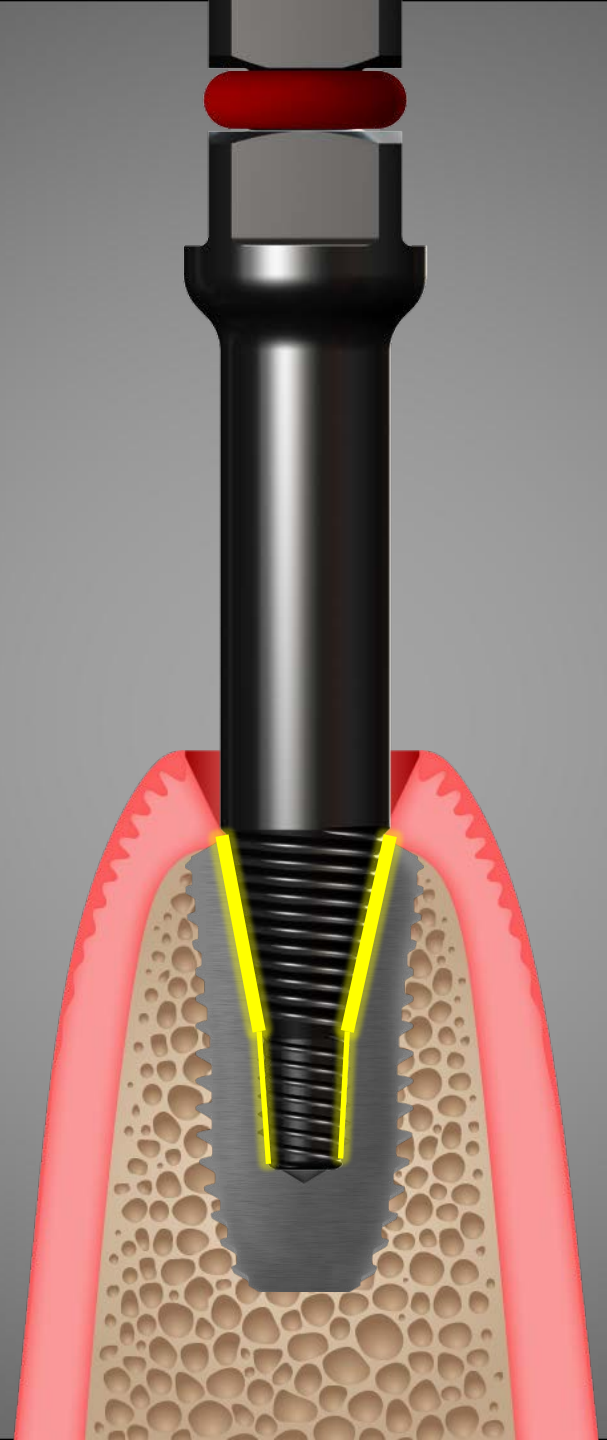

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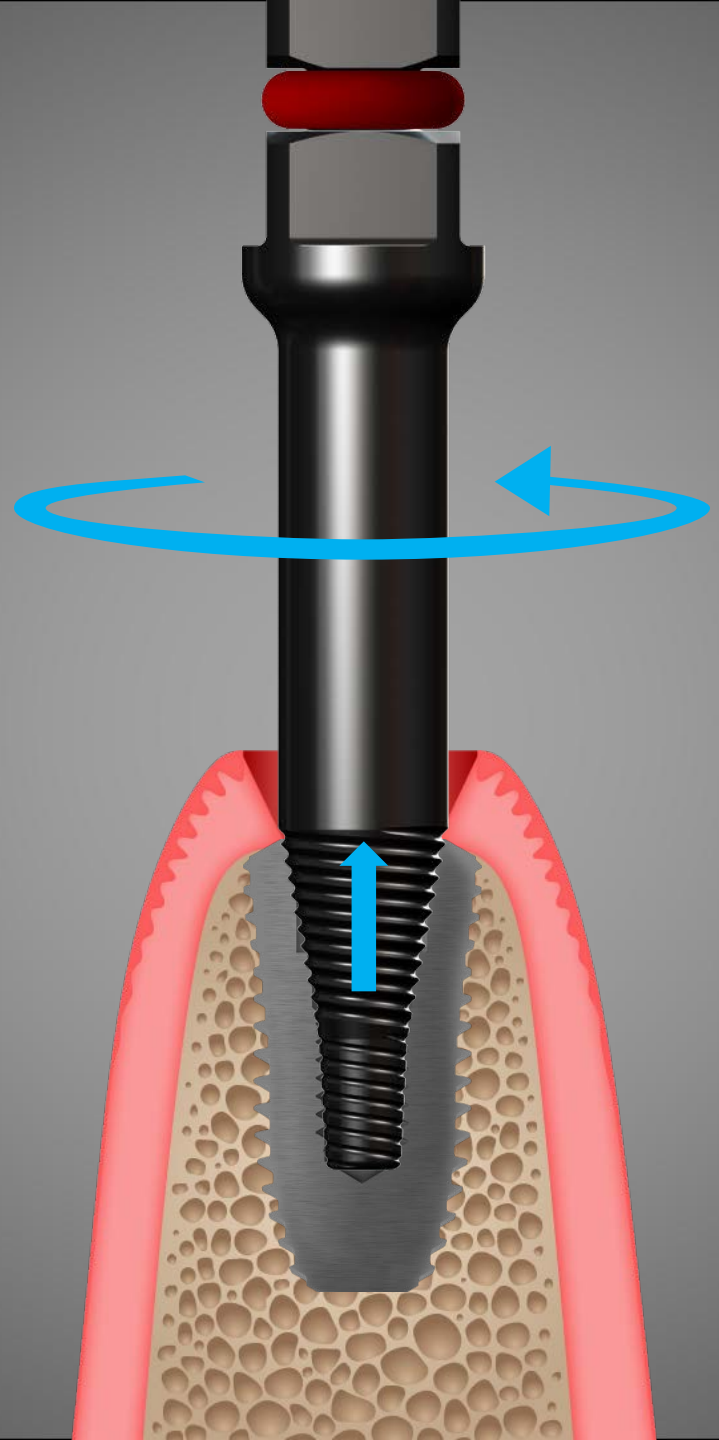

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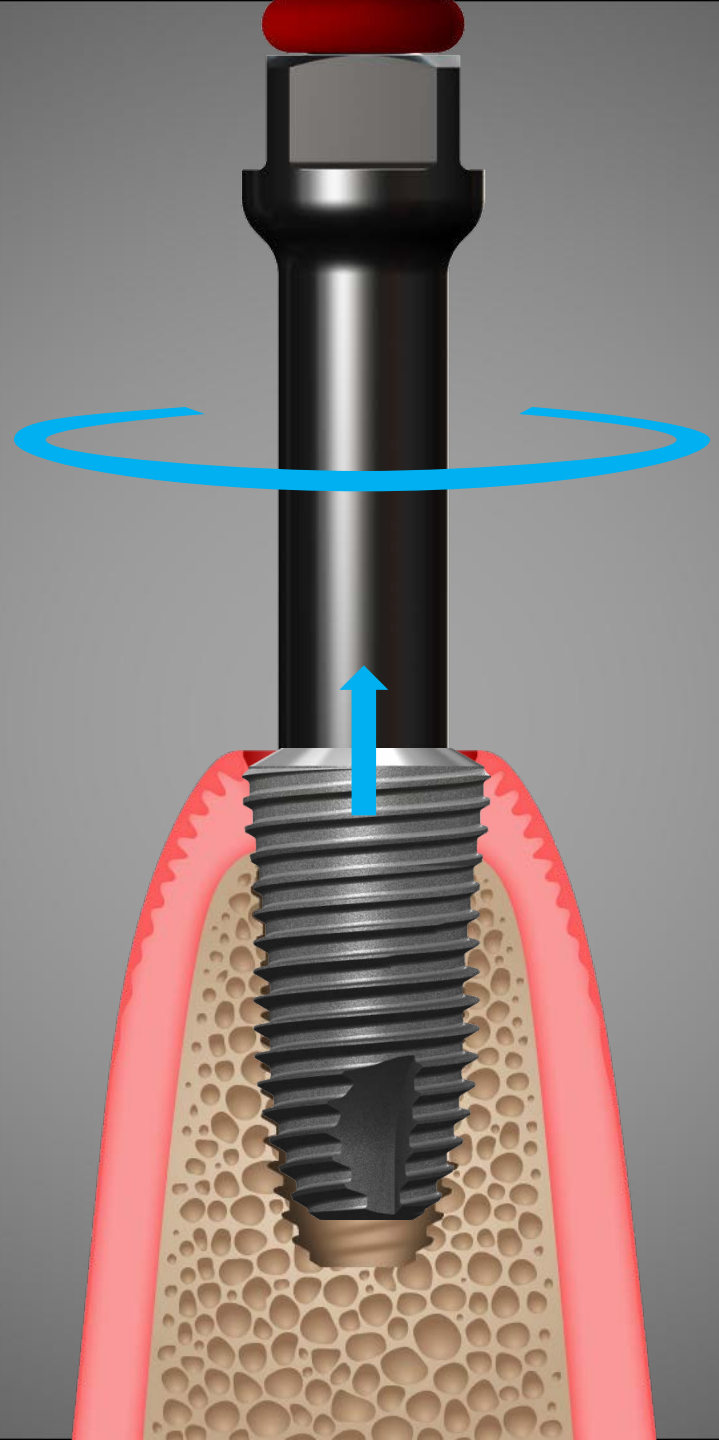

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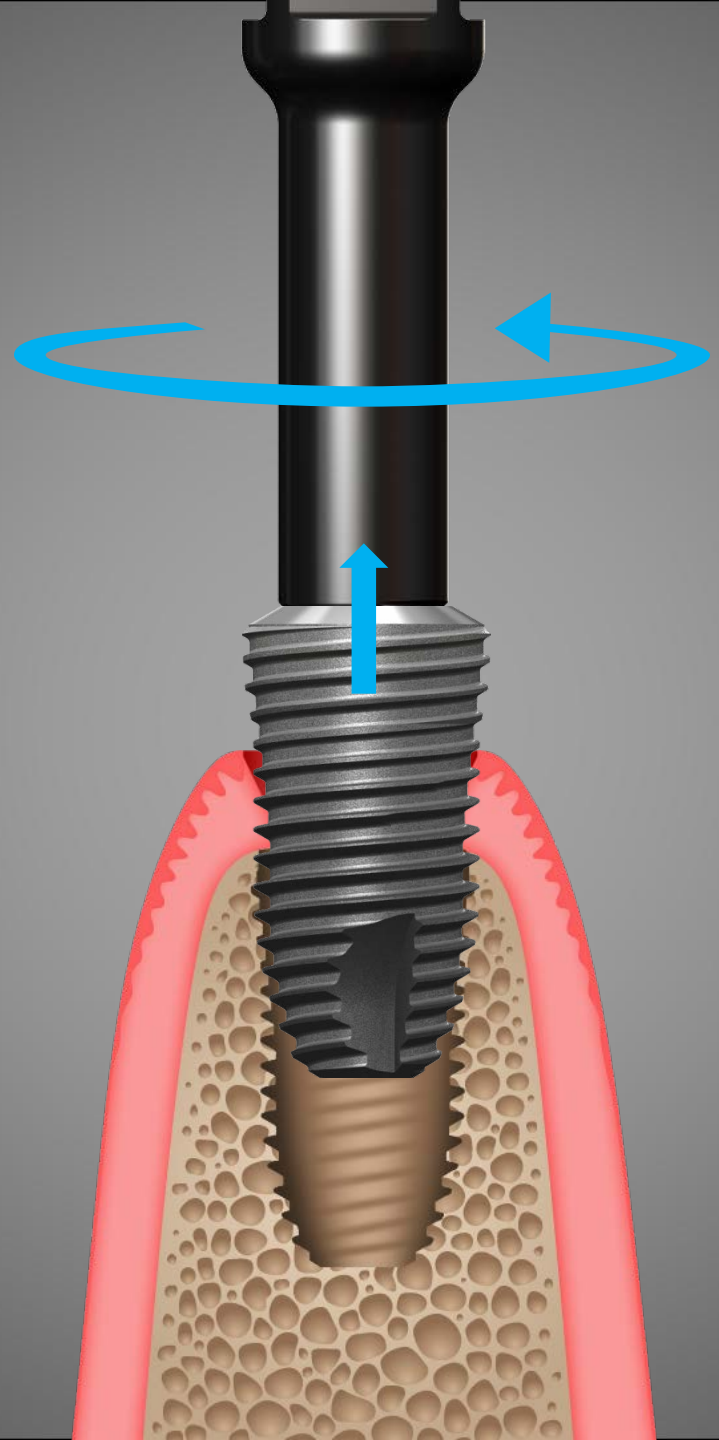

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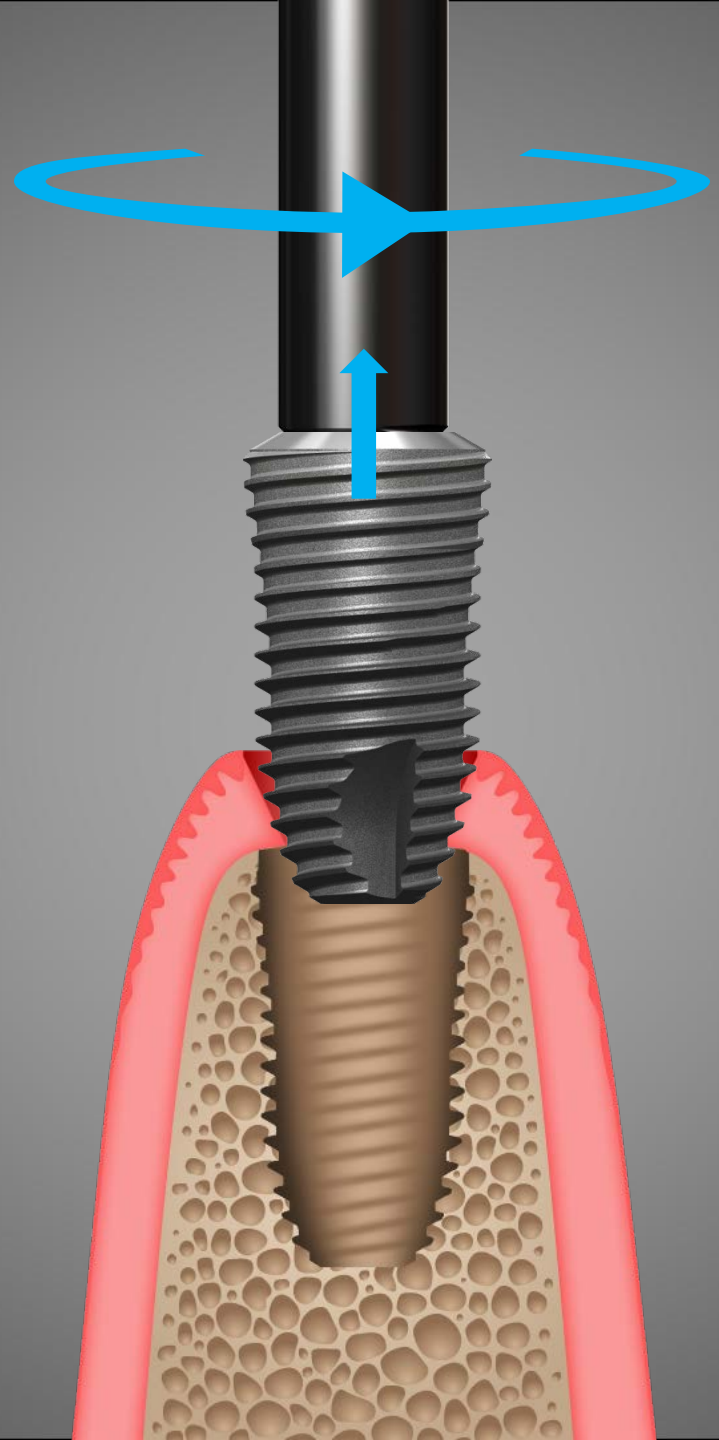

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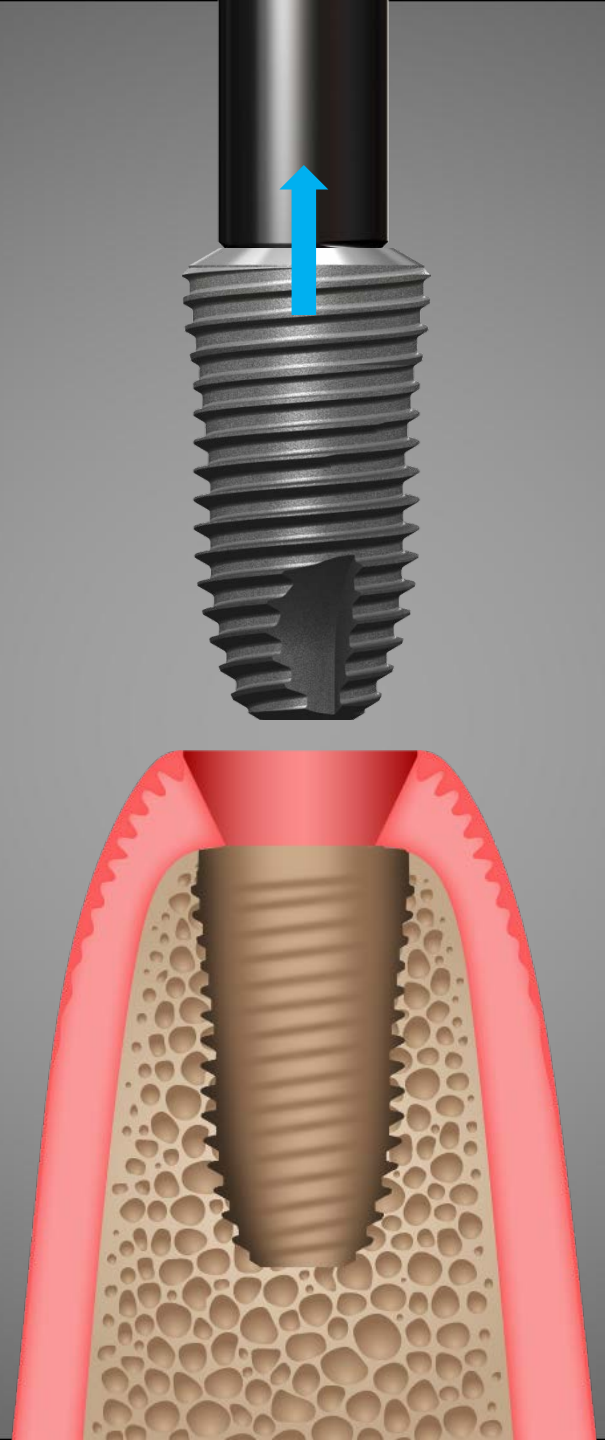

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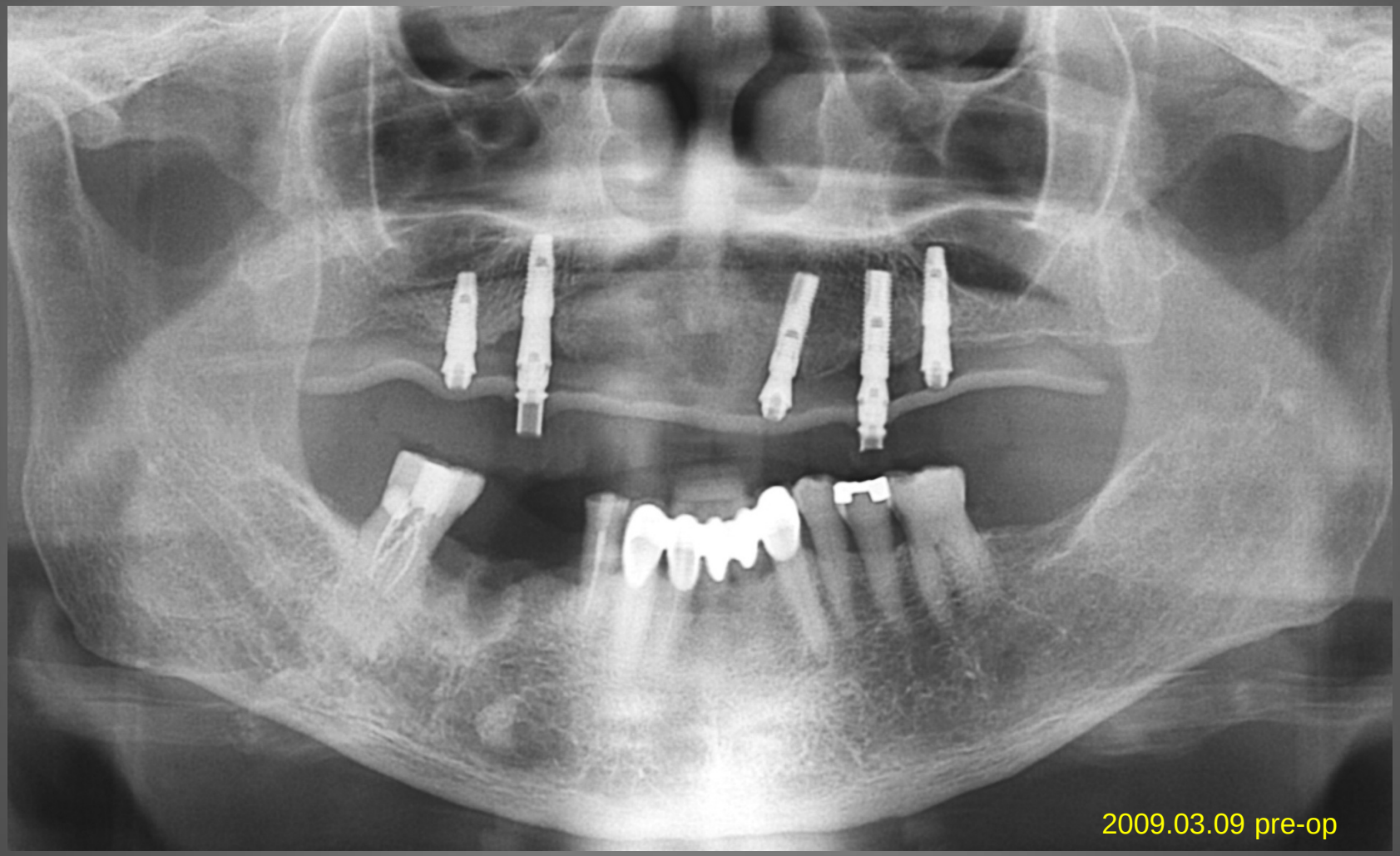

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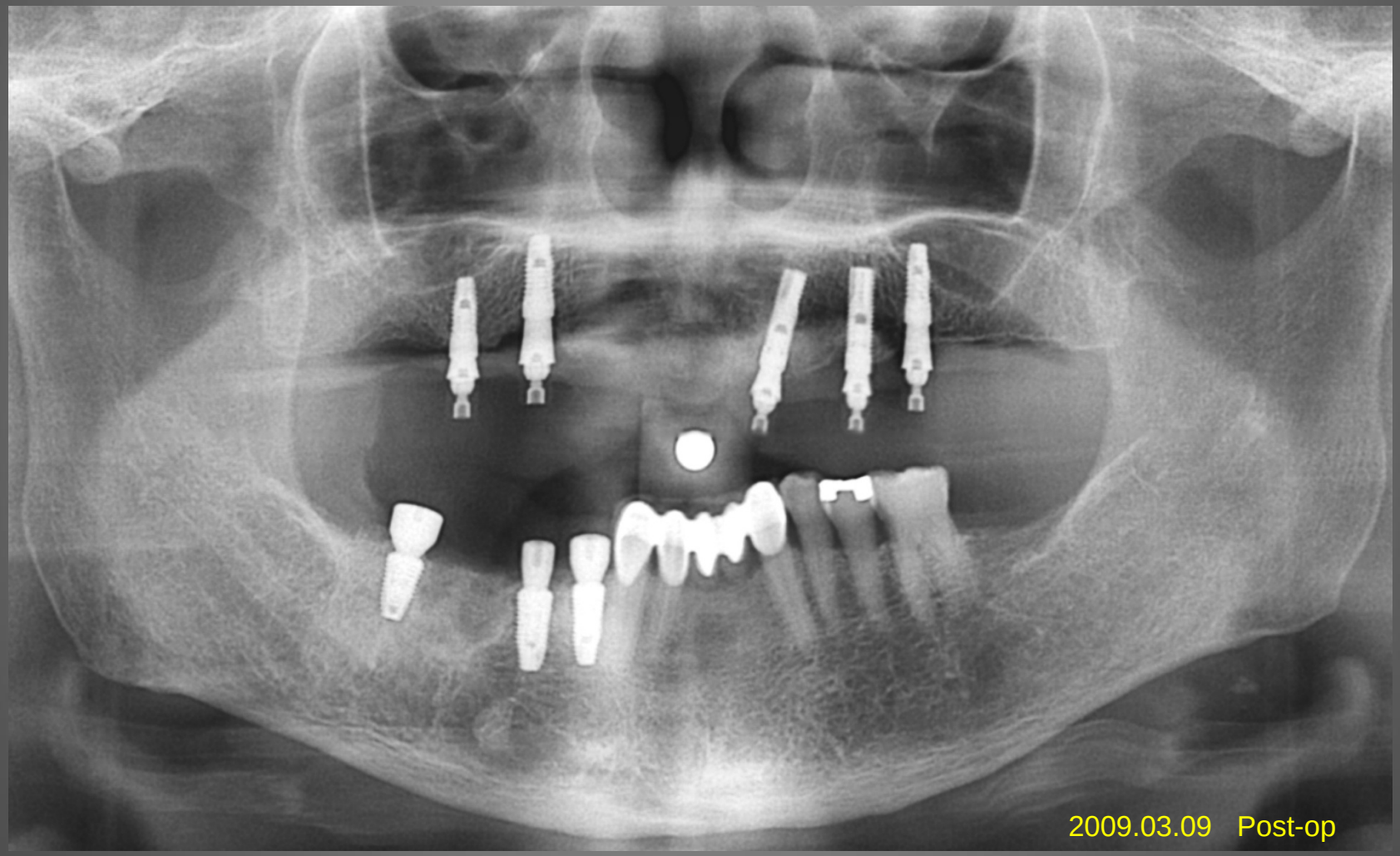

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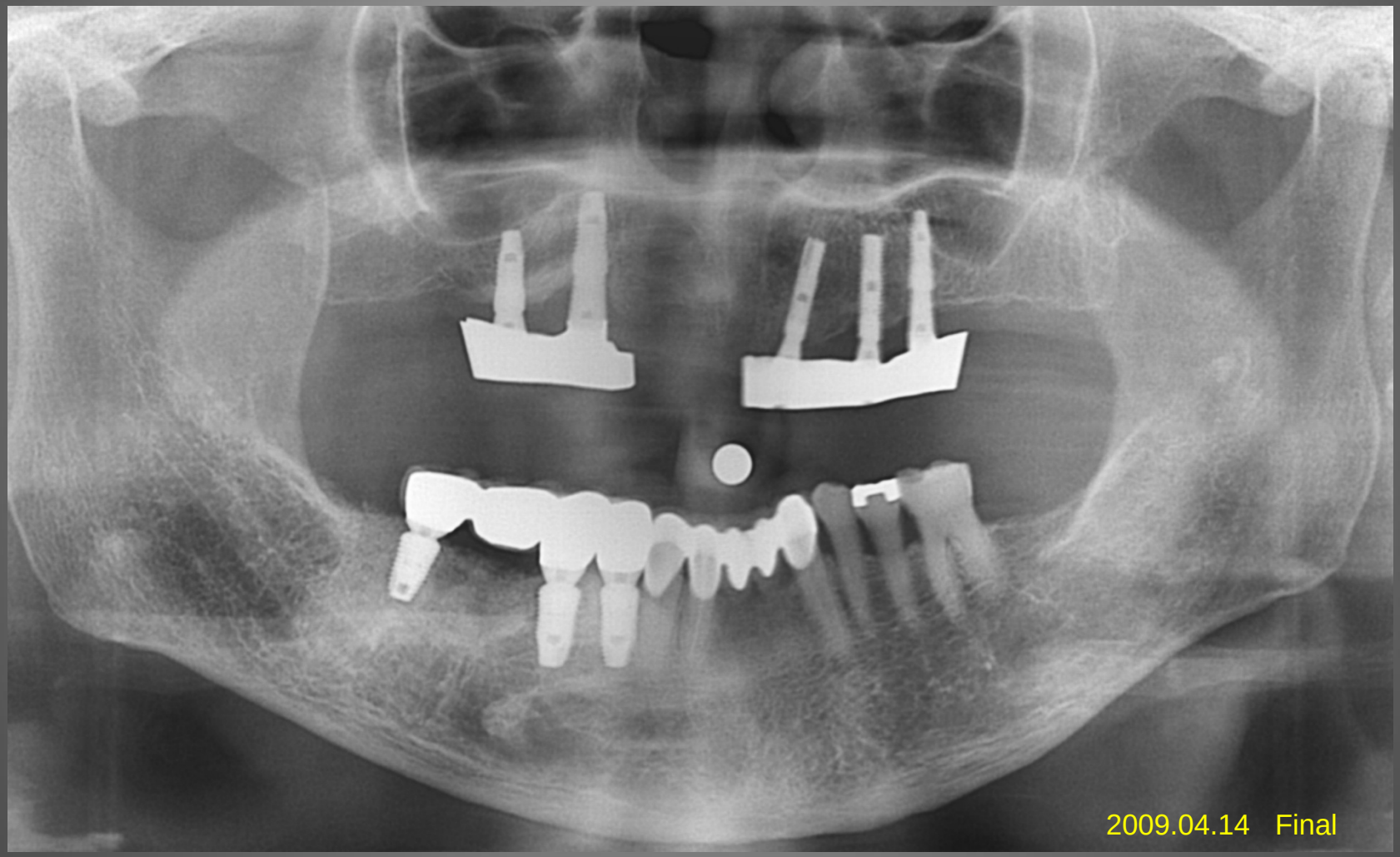

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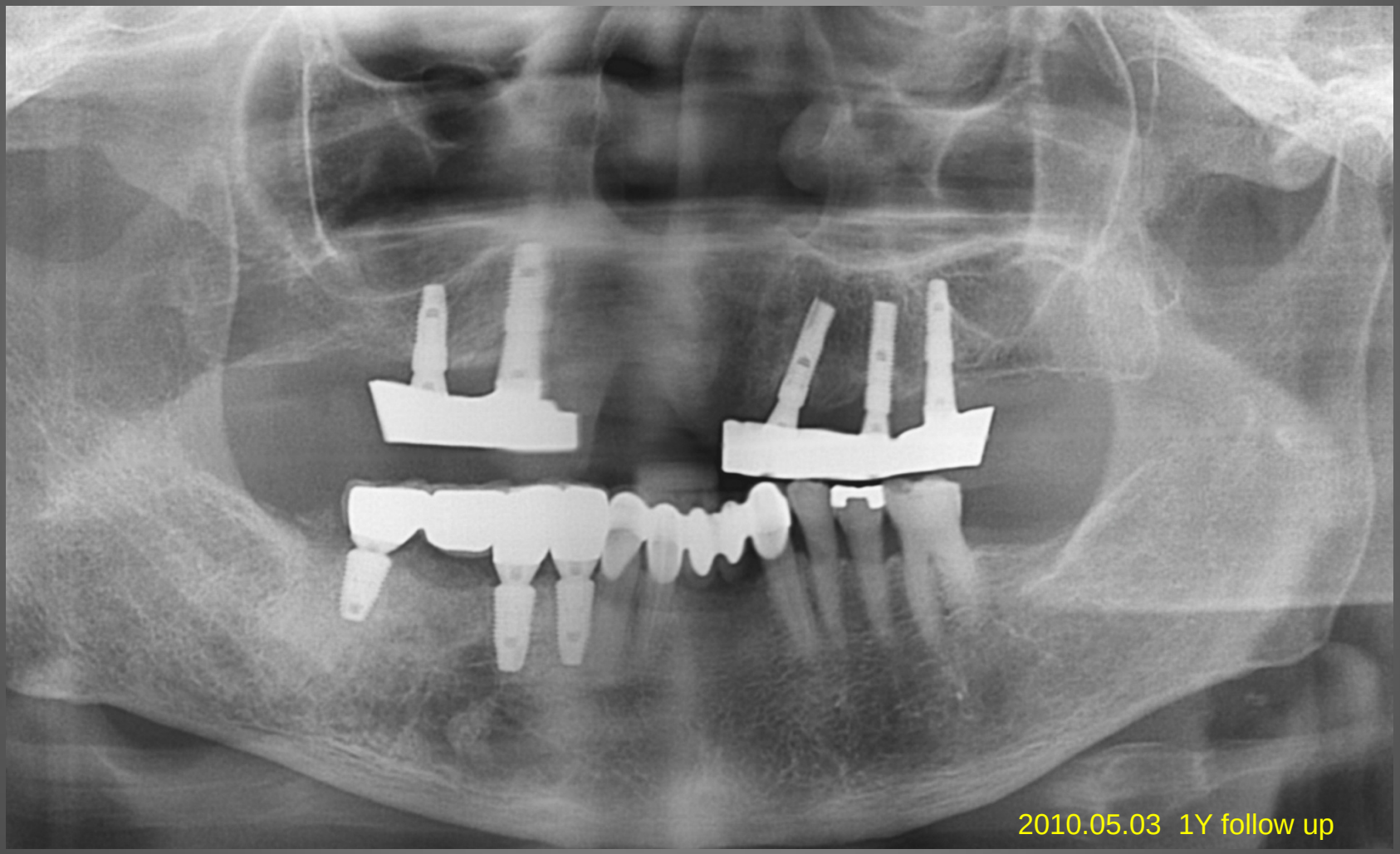

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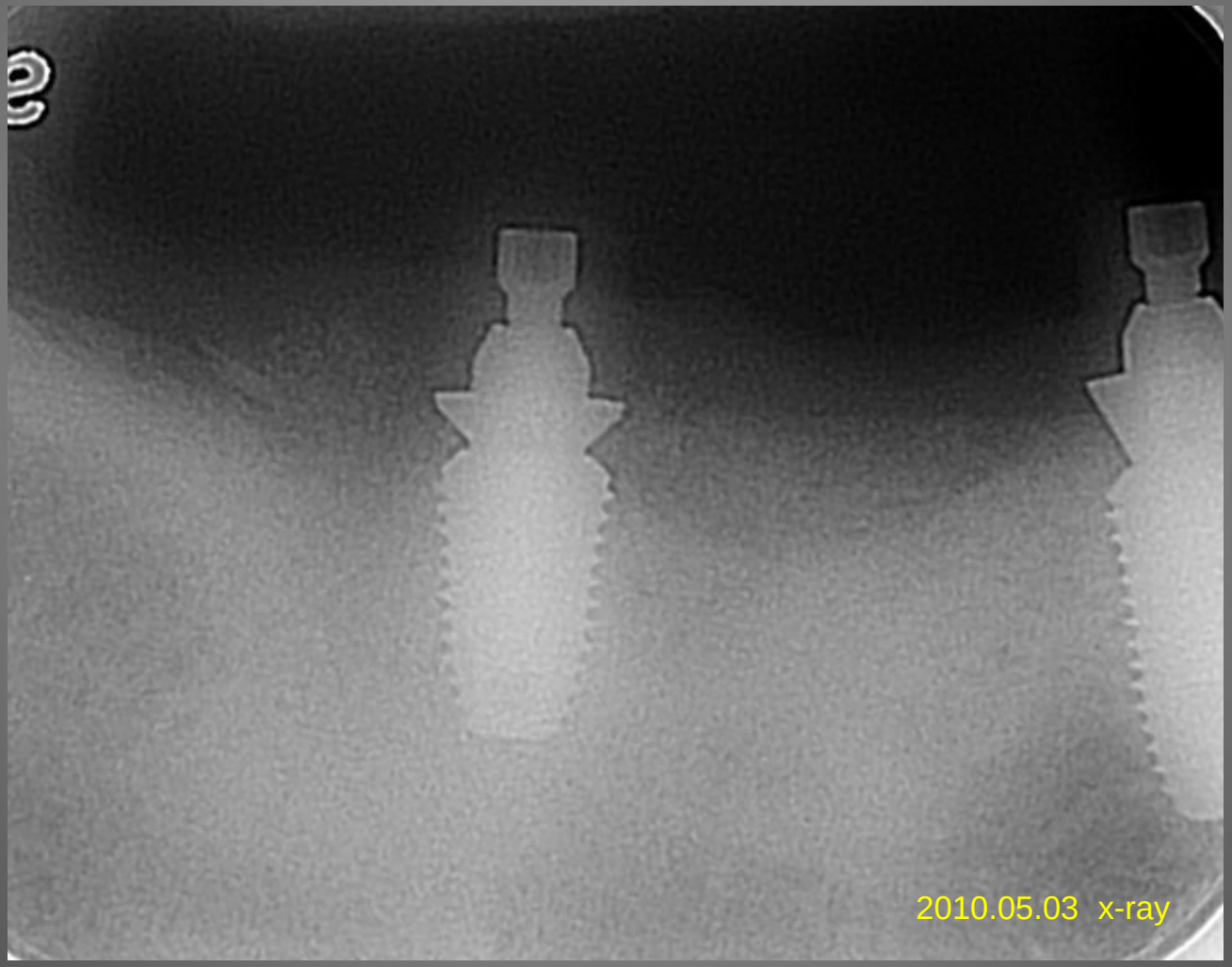

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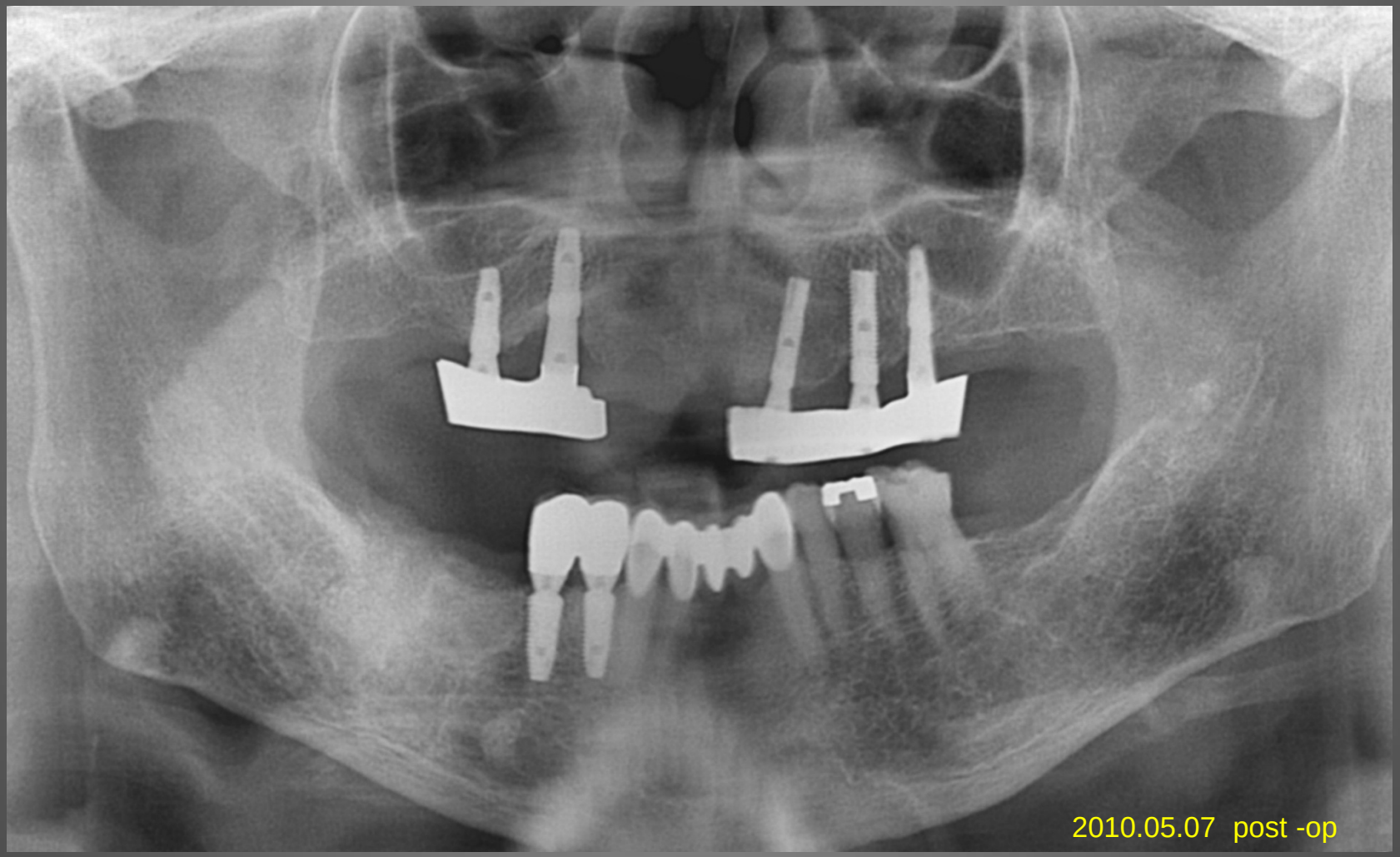

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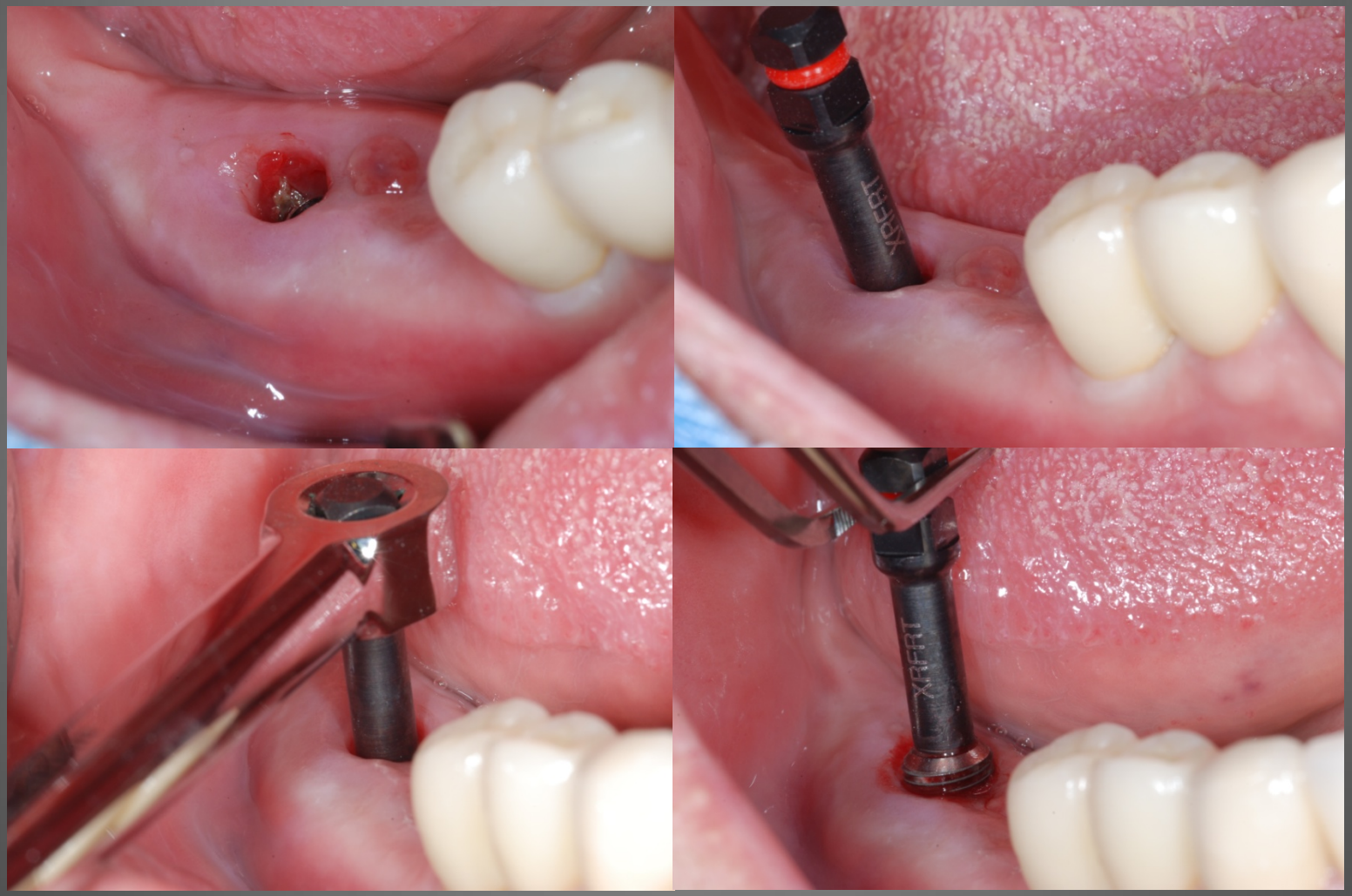

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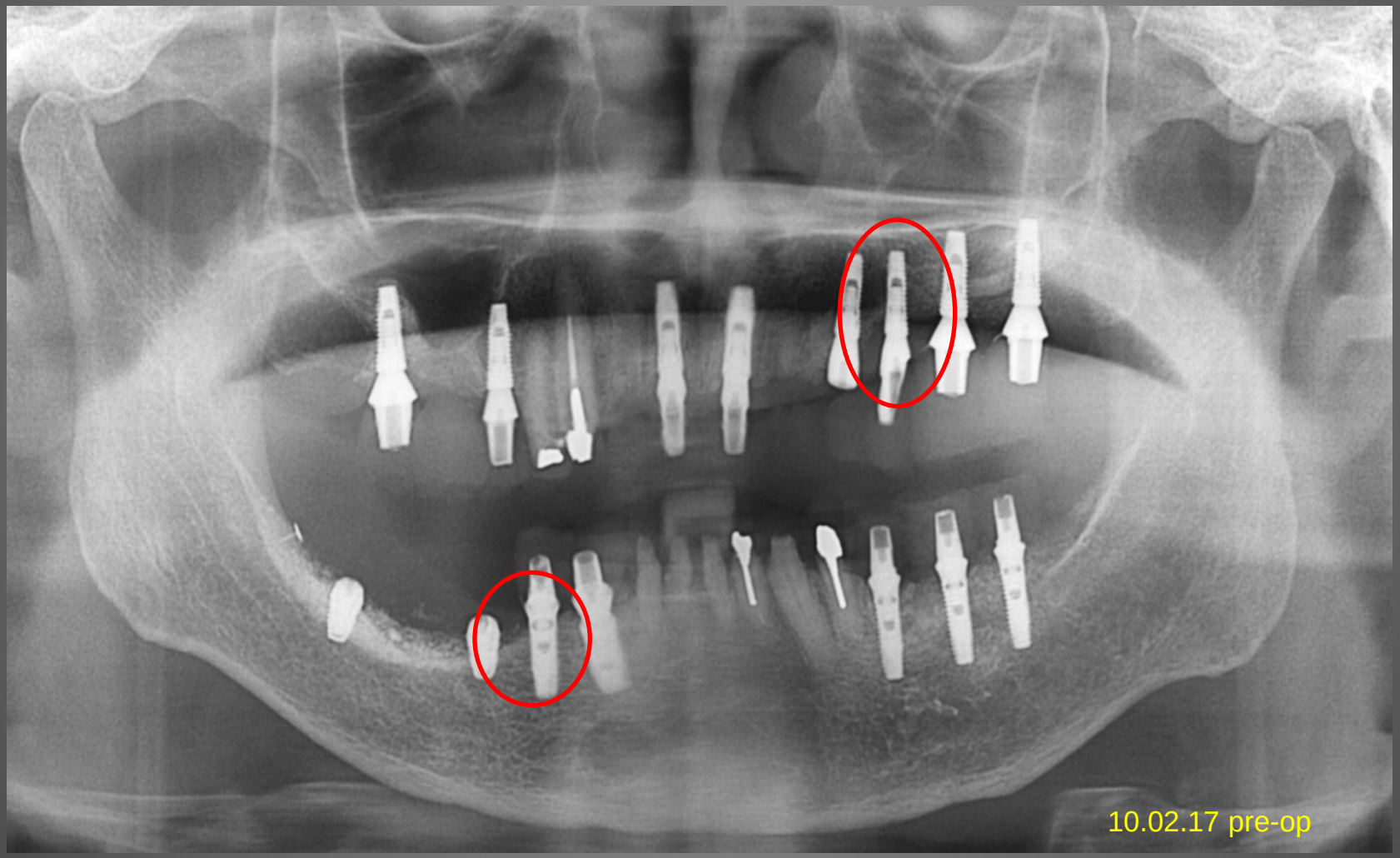
1) Fixture Remover - case 2



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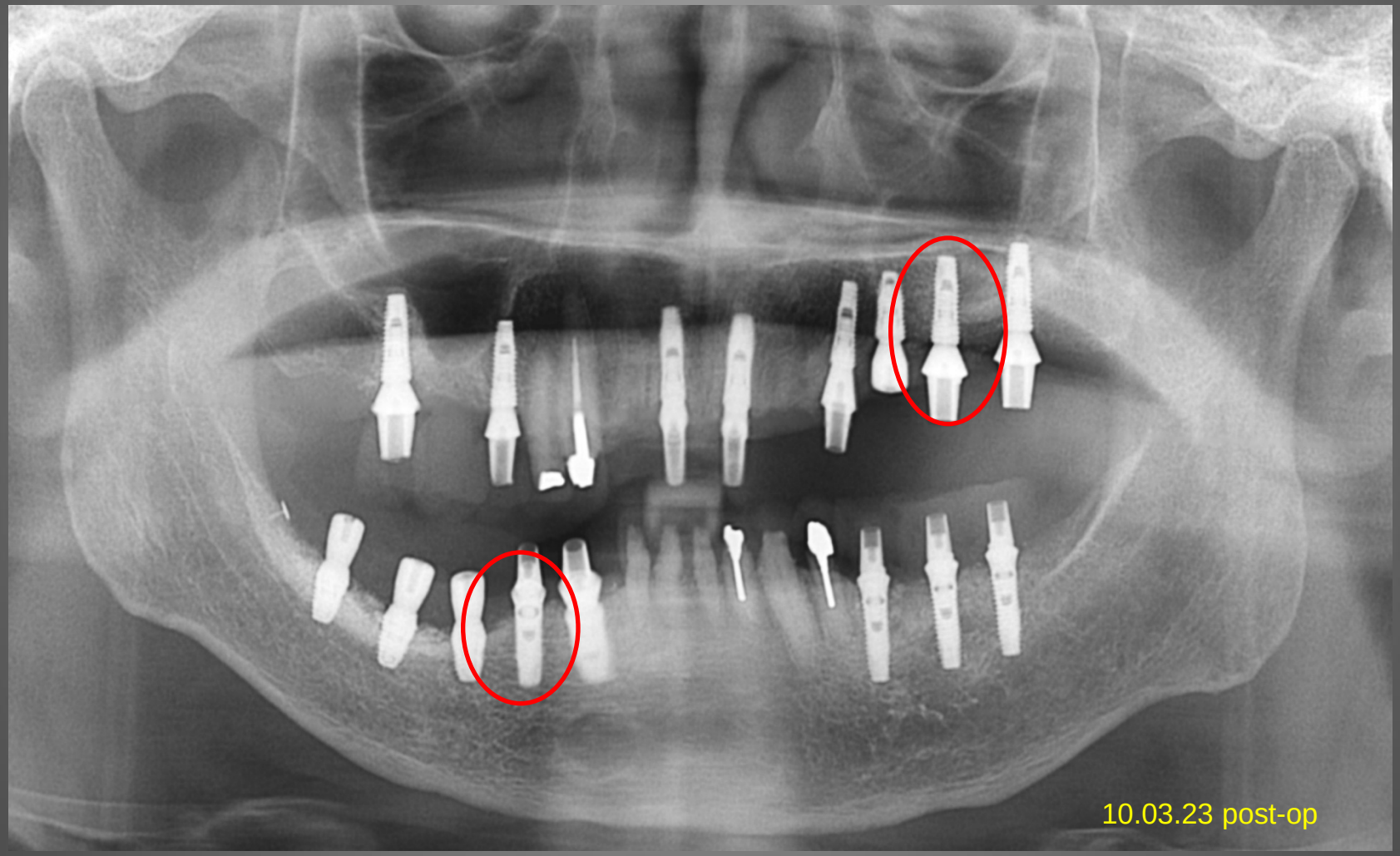

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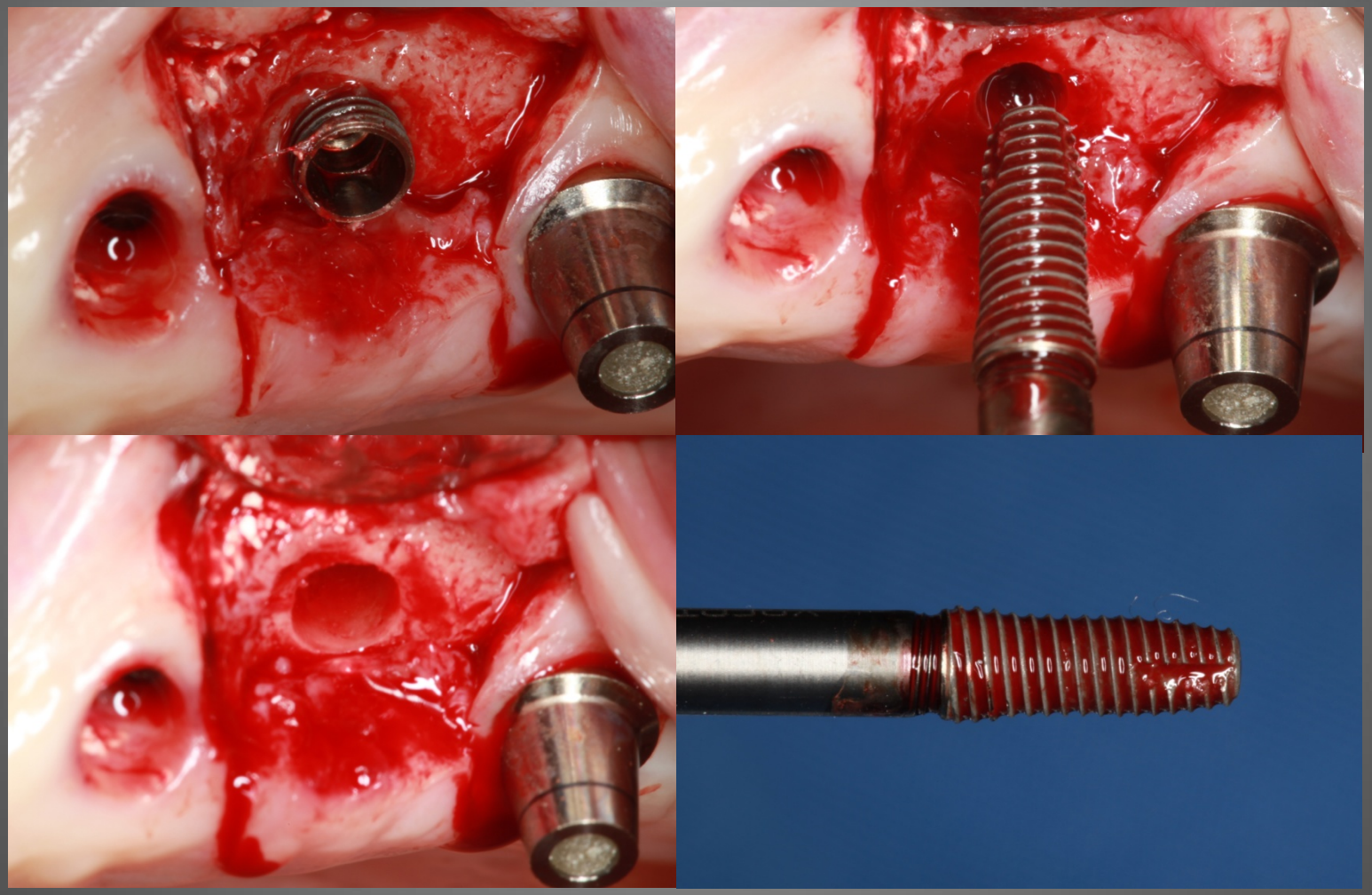

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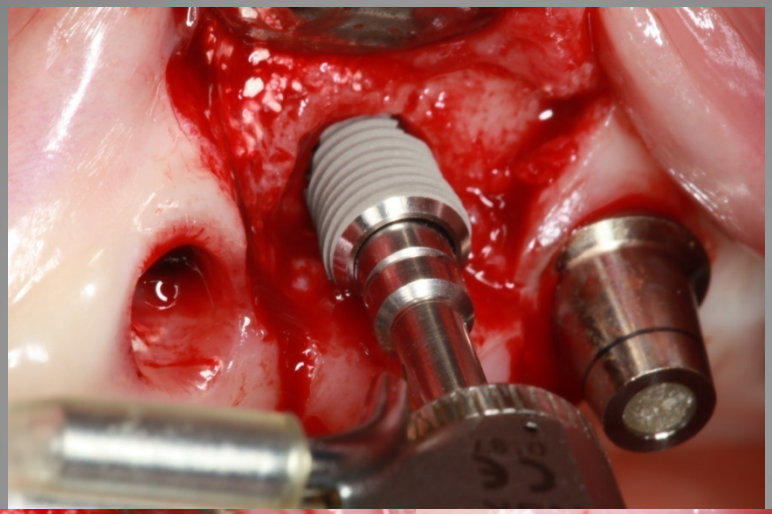

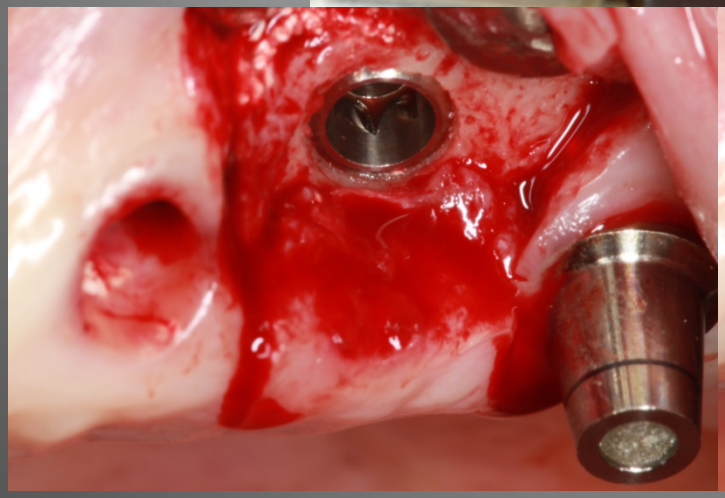

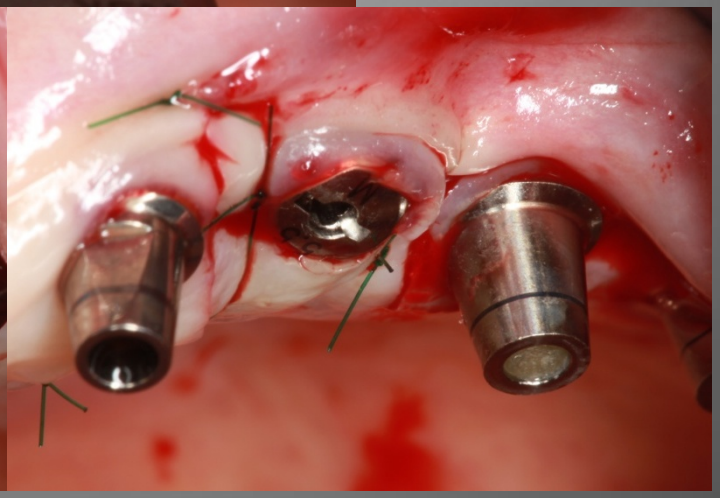

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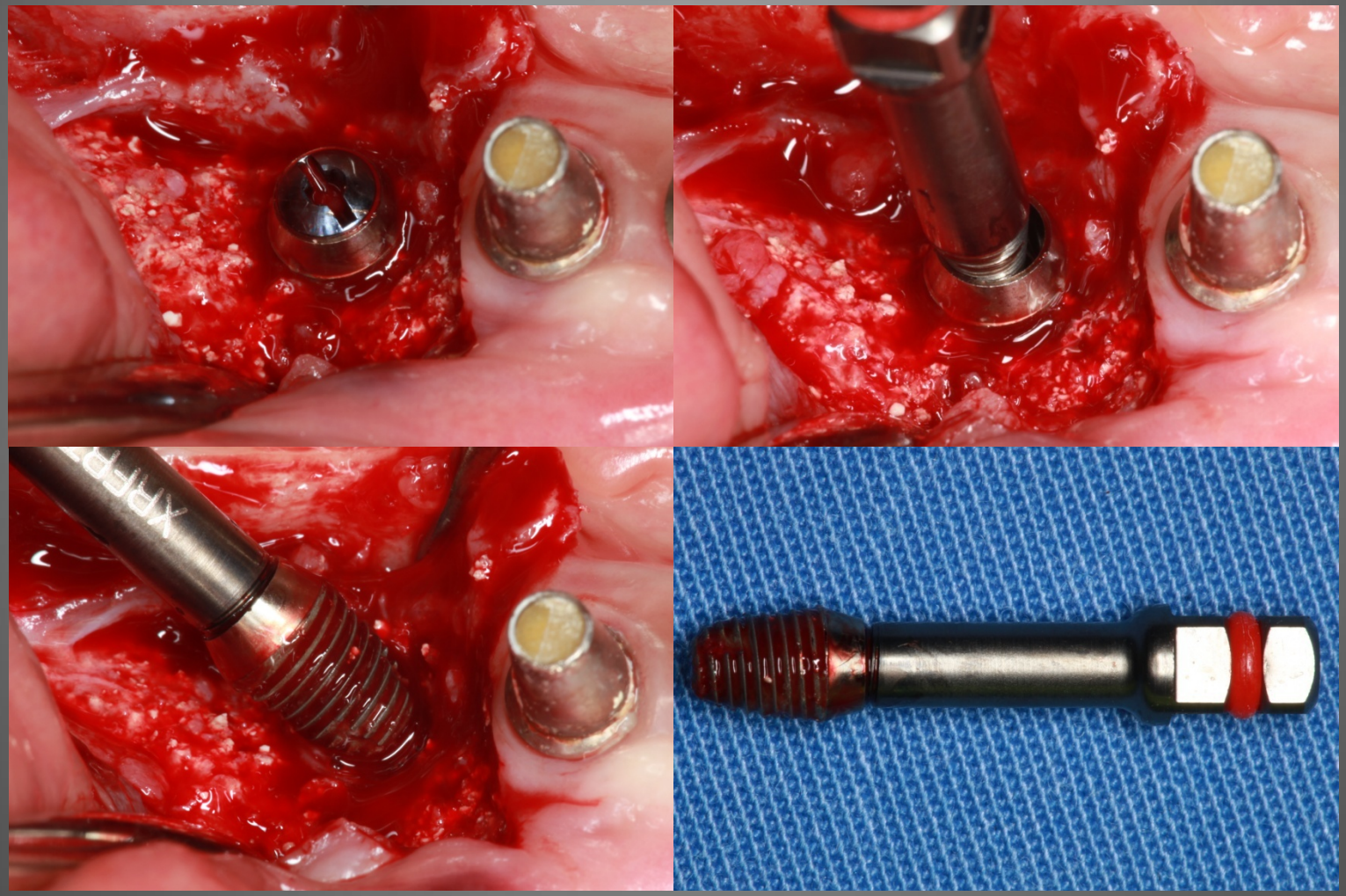

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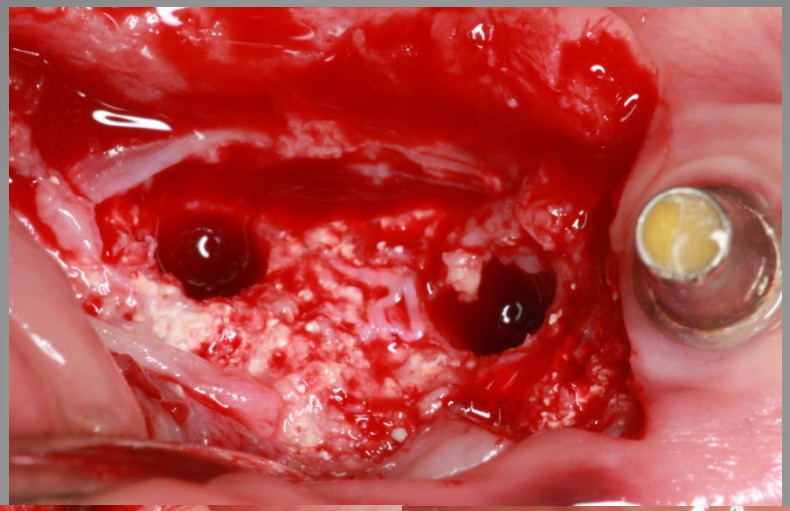

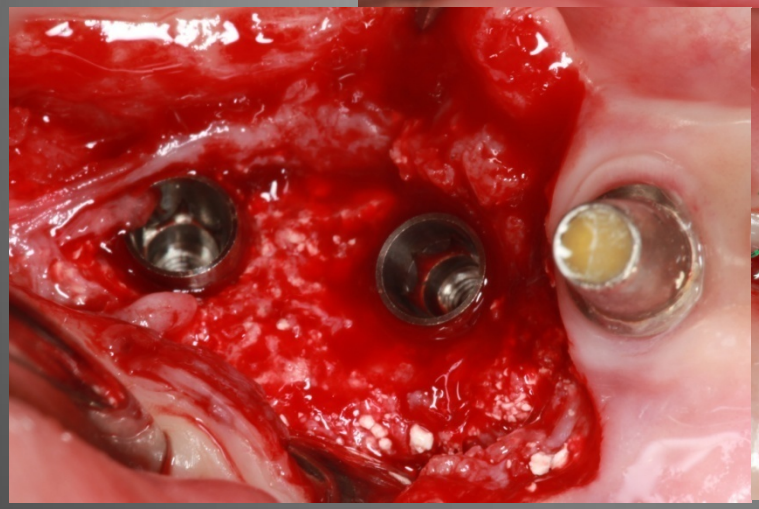

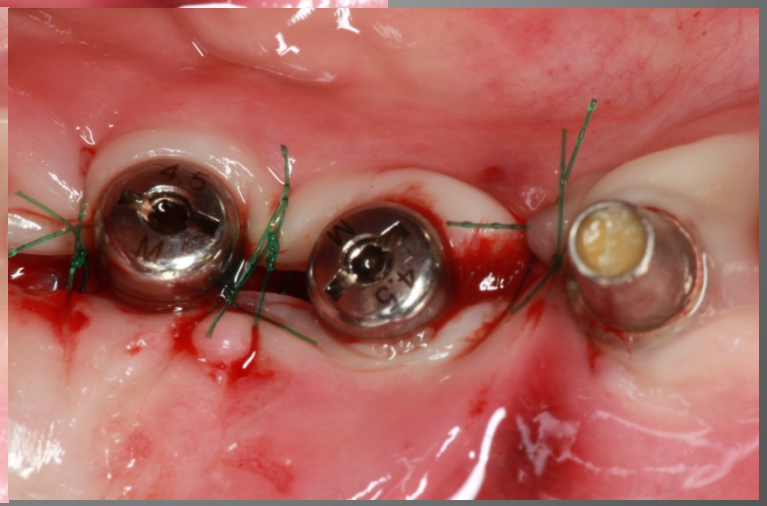

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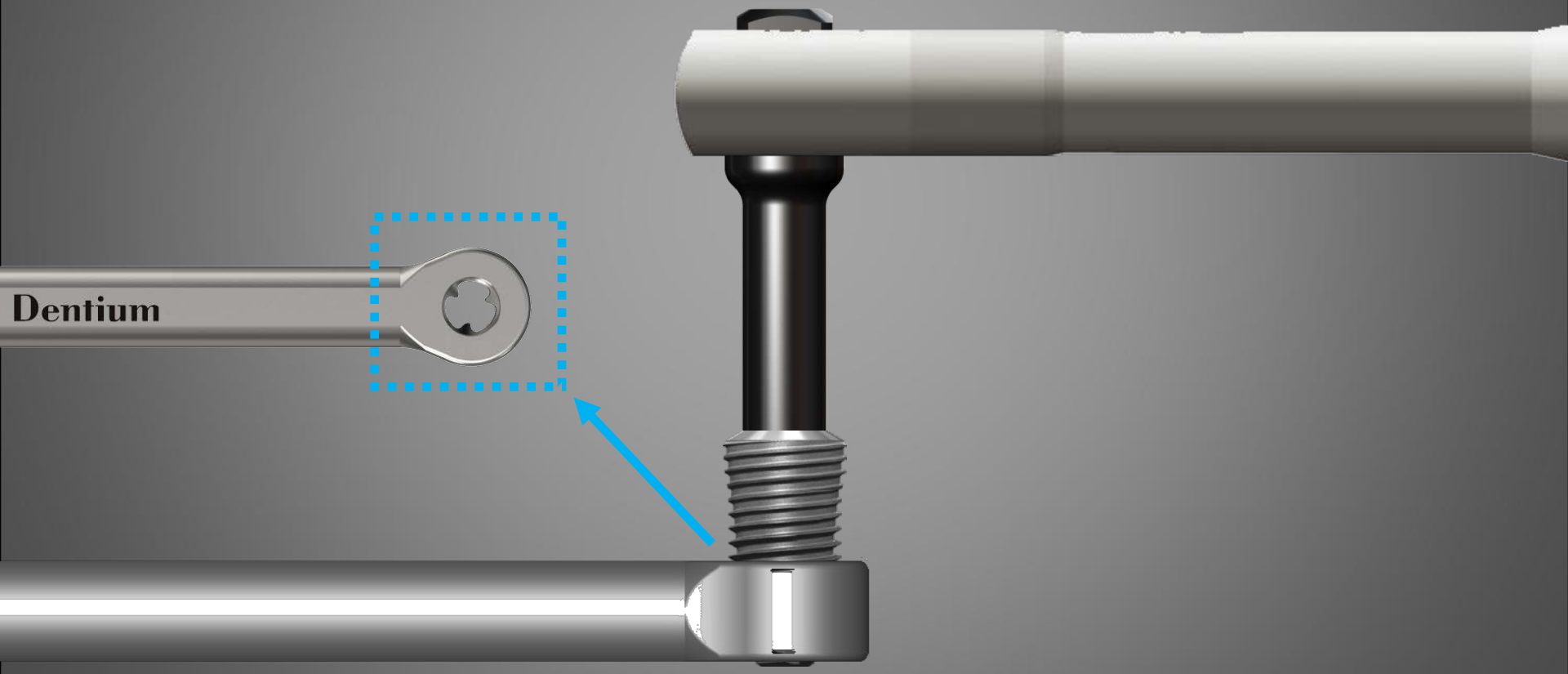

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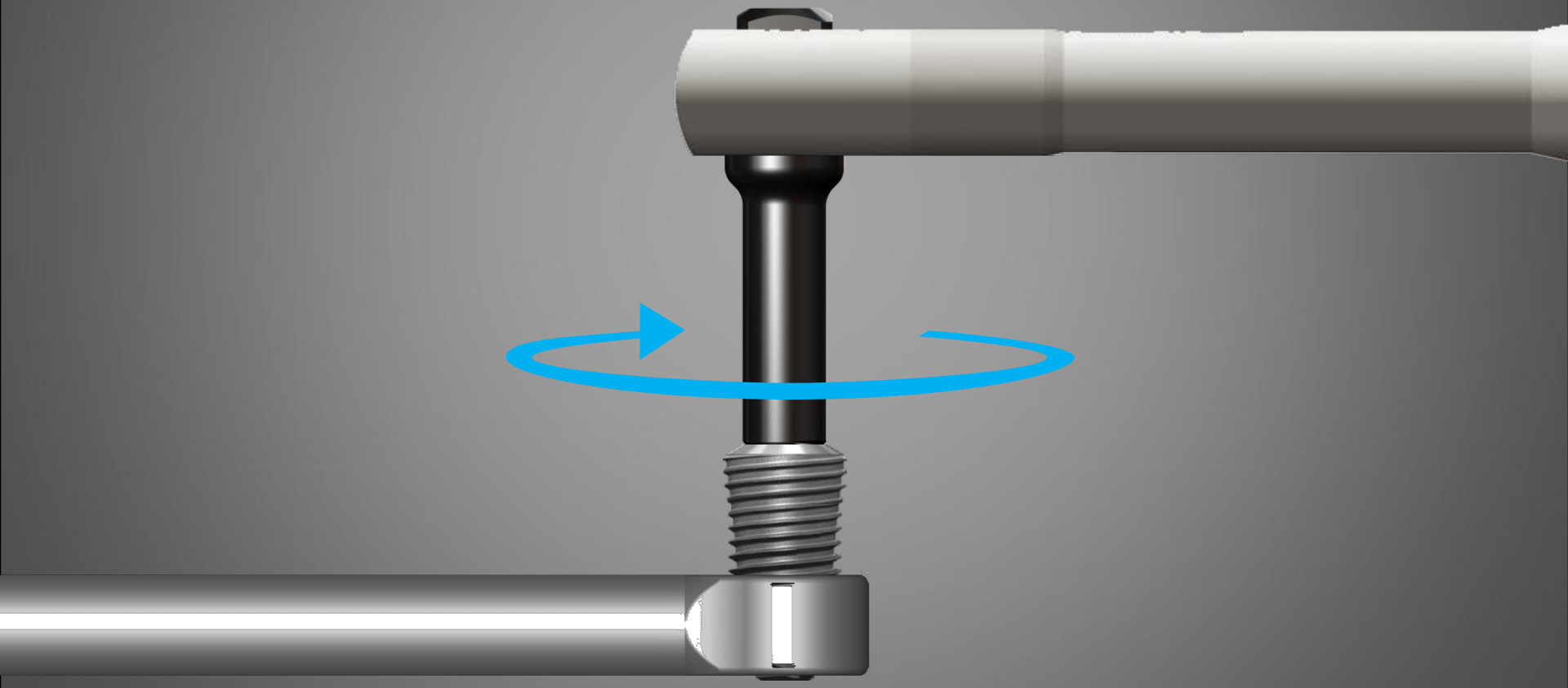

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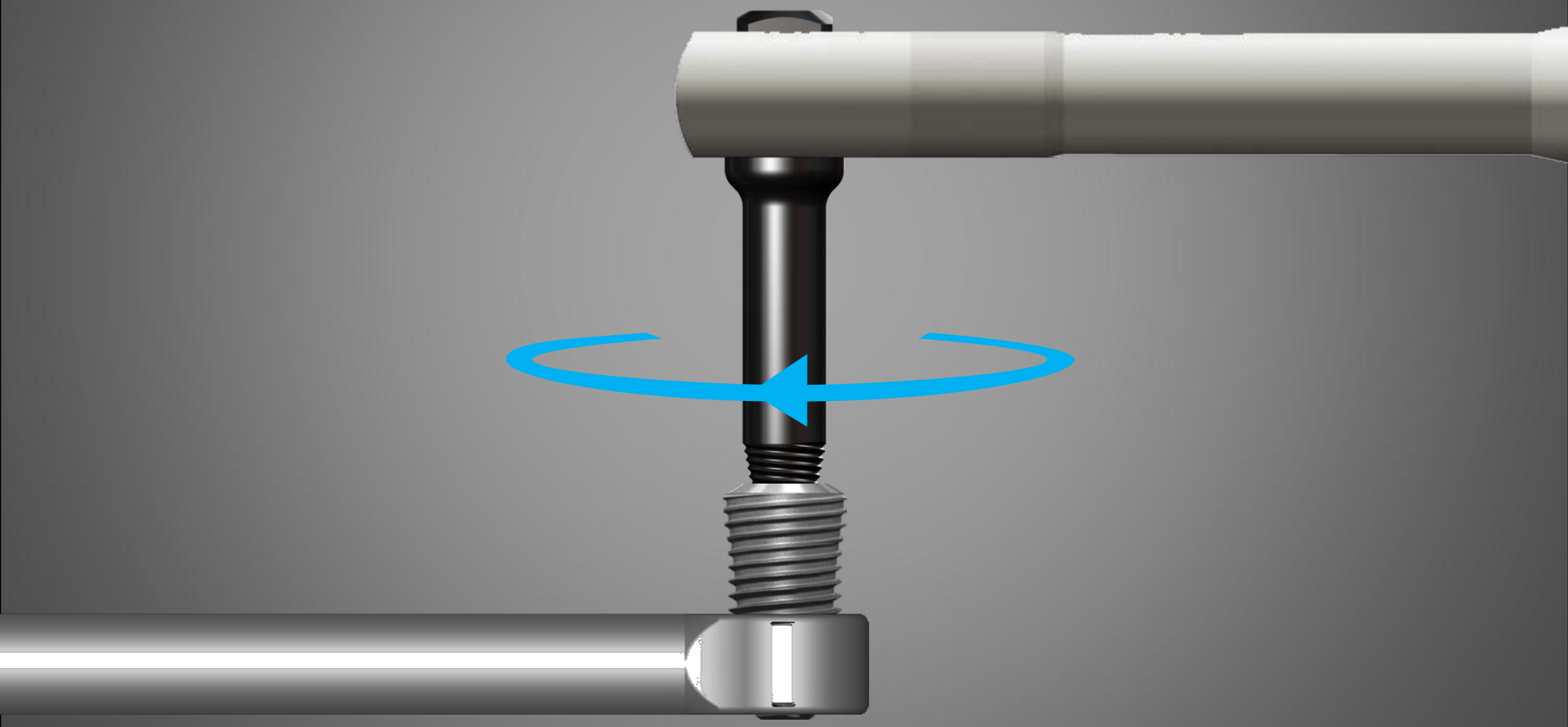

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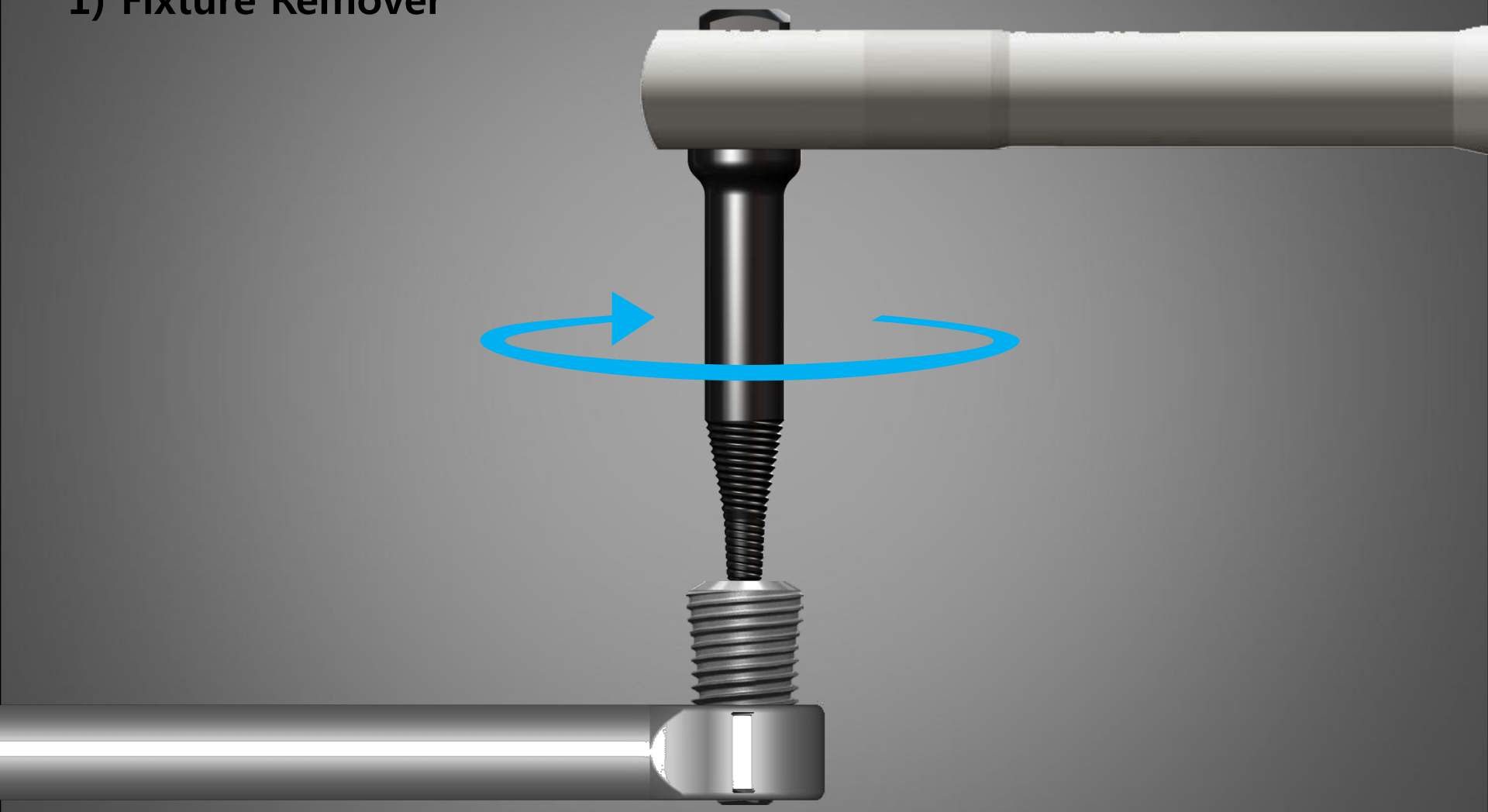


Cover & Abutment Screw Remover

[Application]

For disengagement of cover screw or healing abutment from fixture, if it became sticky and 1.28 hex on the head is damaged

[Advantages]

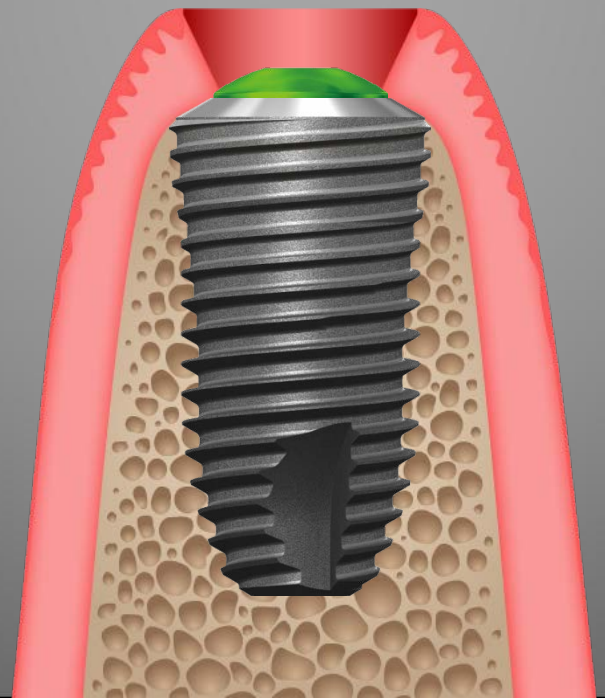
Easy to disengage damaged cover screw or healing abutment in its hex

[Usage]

1. Assemble the tool with ratchet, and put it in the failed 1.28 hex of a cover screw or healing abutment to be disengaged.
2. Rotate ratchet gently in CCW direction so that the tapered tip of the tool can be tightened with the failed 1.28 hex.
3. Continue rotating ratchet in CCW direction with more torque until the cover screw or healing abutment is completely disengaged from fixture.
4. After disengagement, rotate ratchet in CW direction to separate the tool and cover screw / healing abutment.

Cover Screw Remover

2) Cover & Abutment Screw Remover



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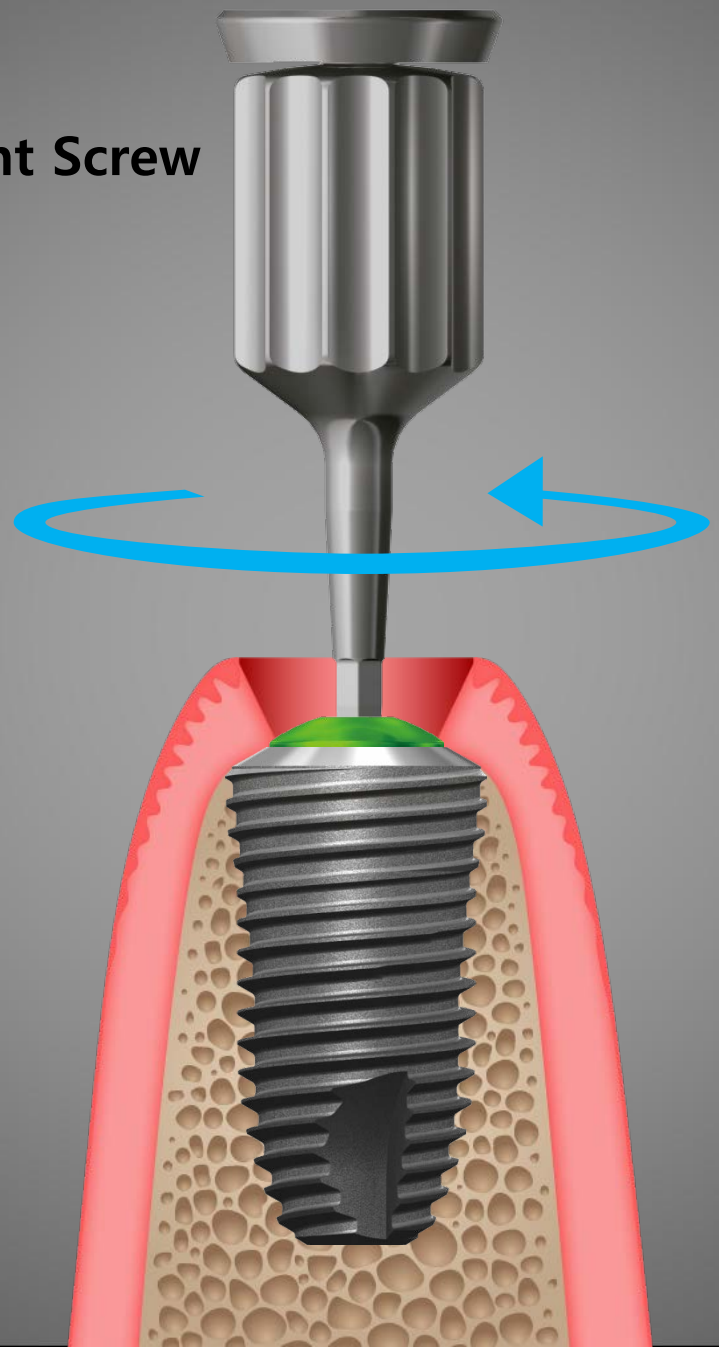

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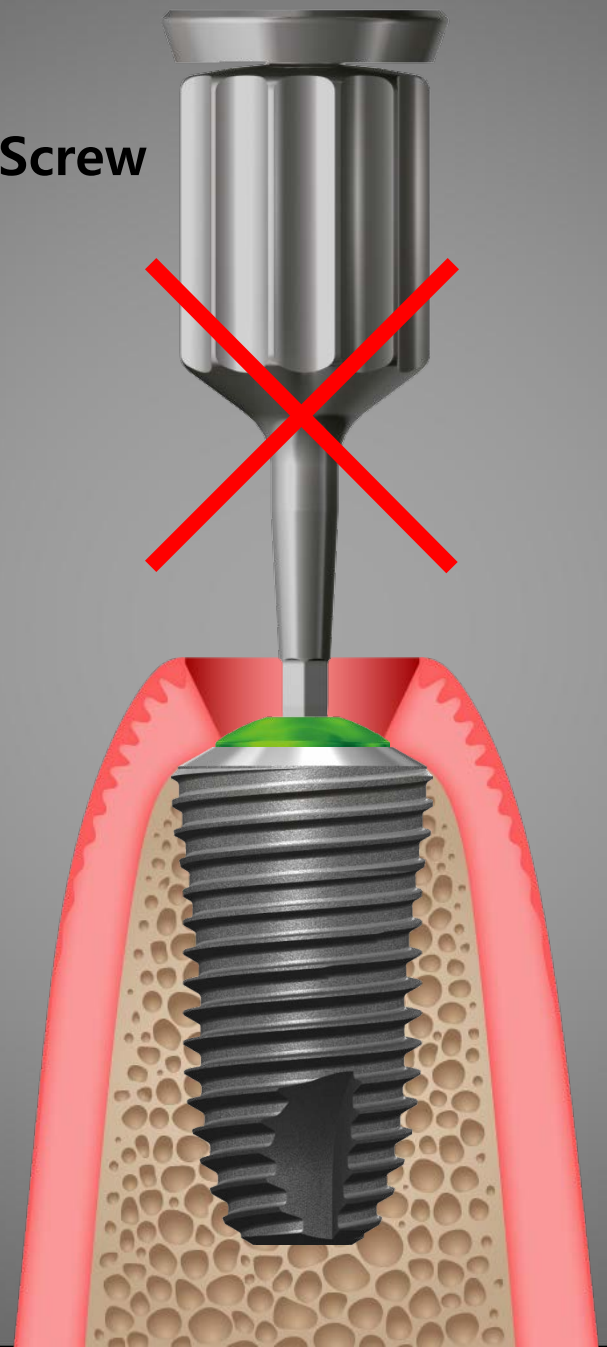

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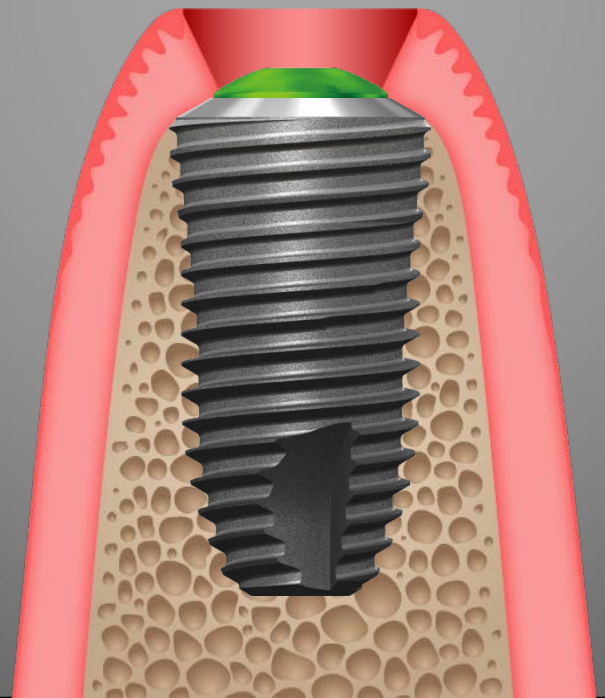

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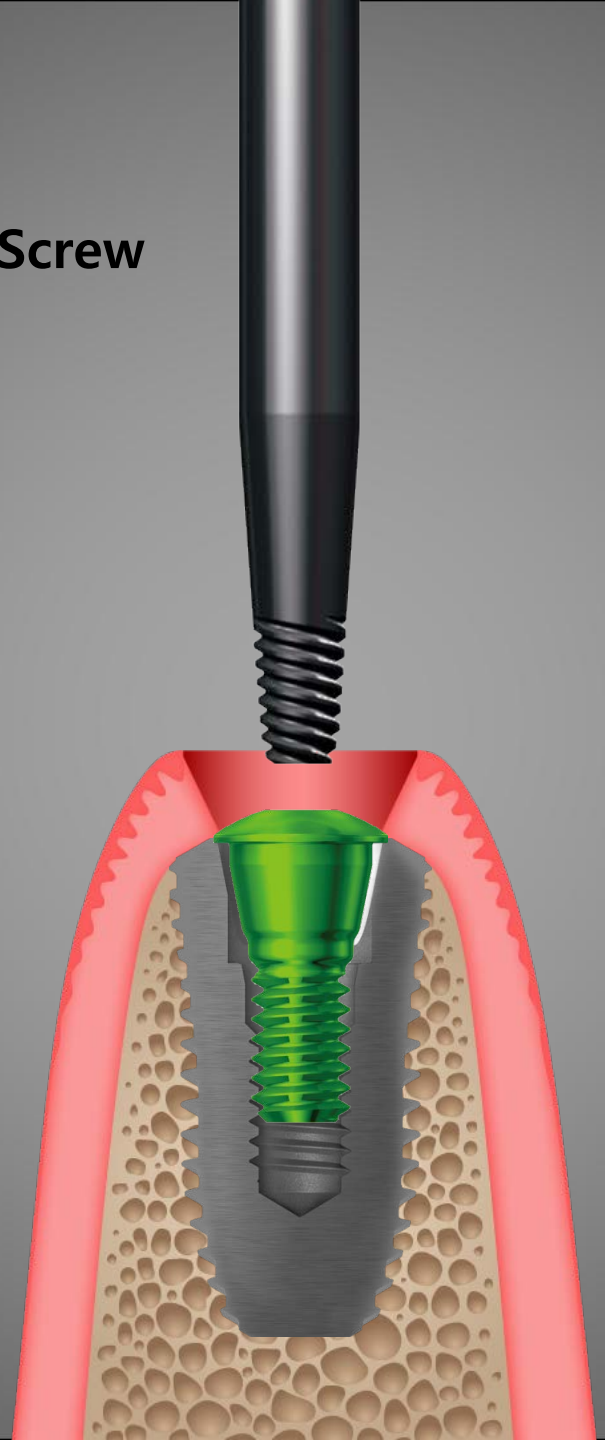

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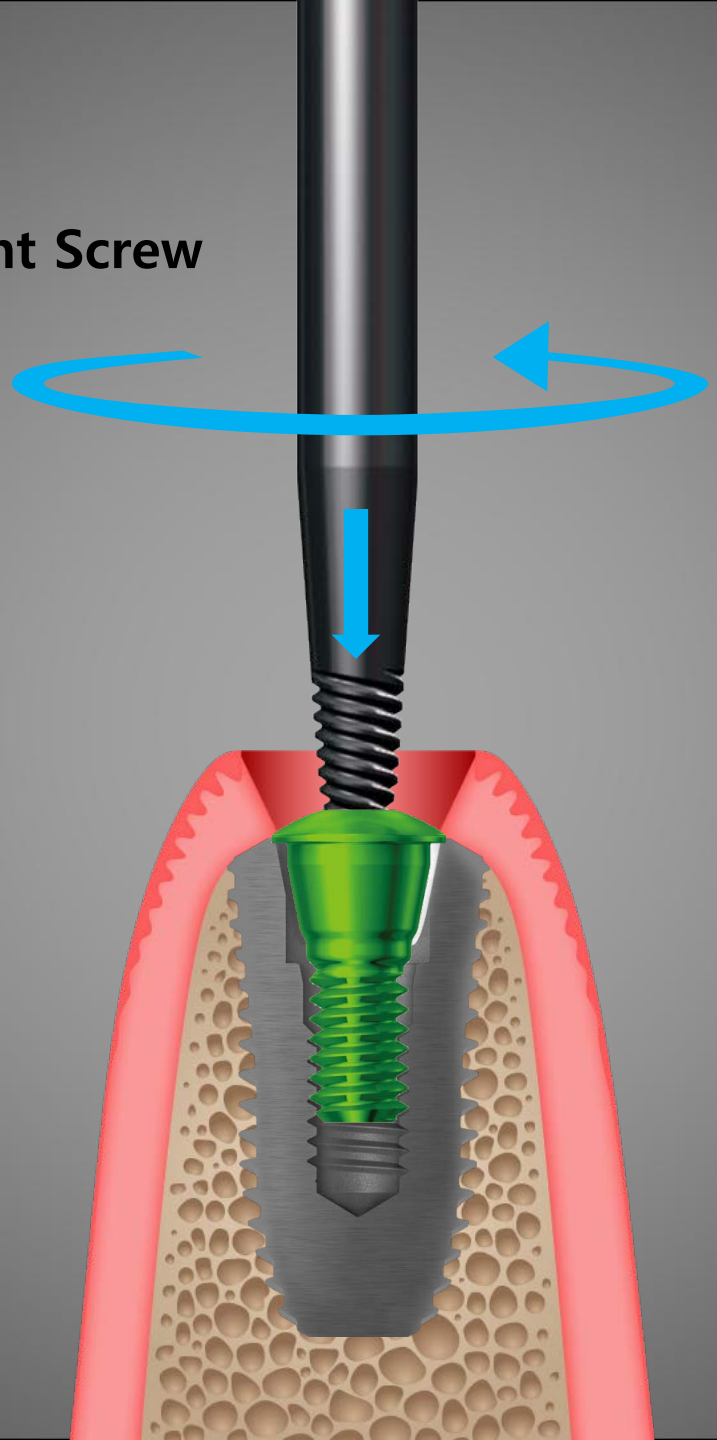

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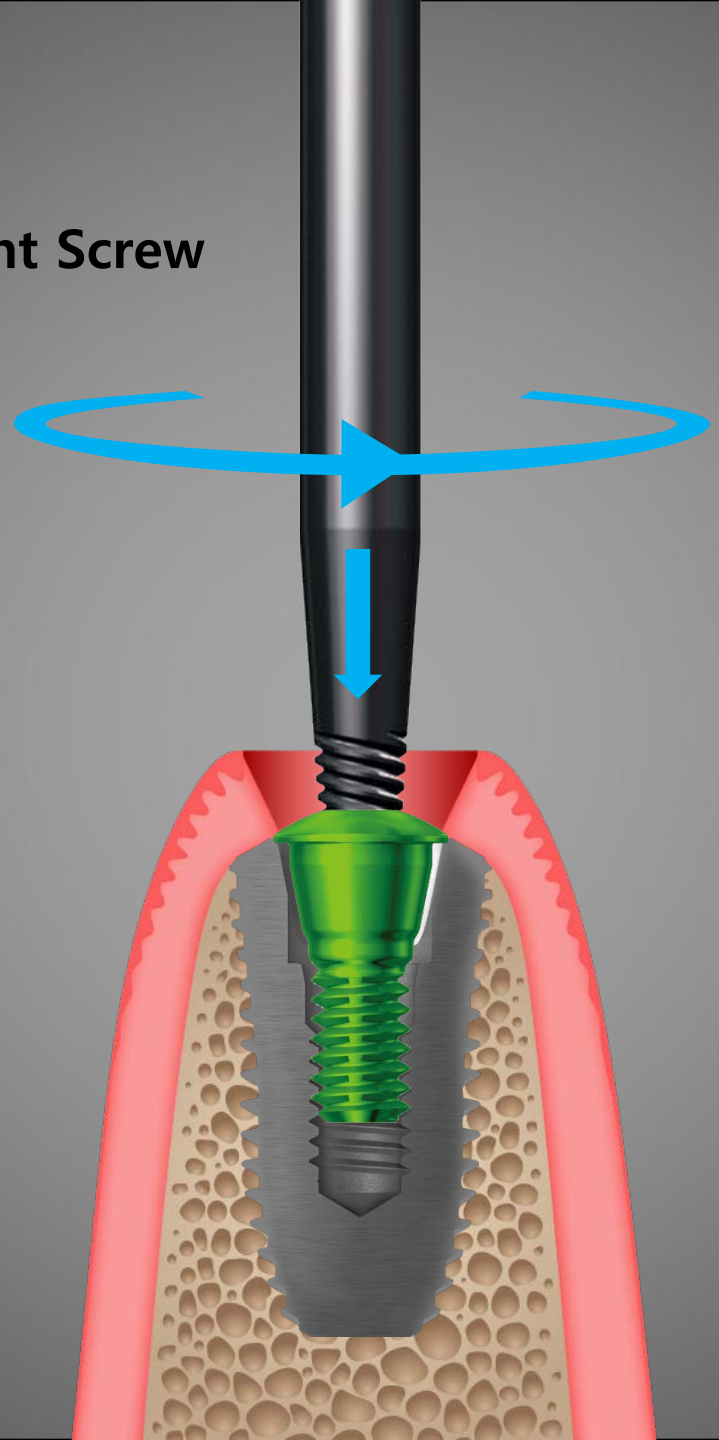

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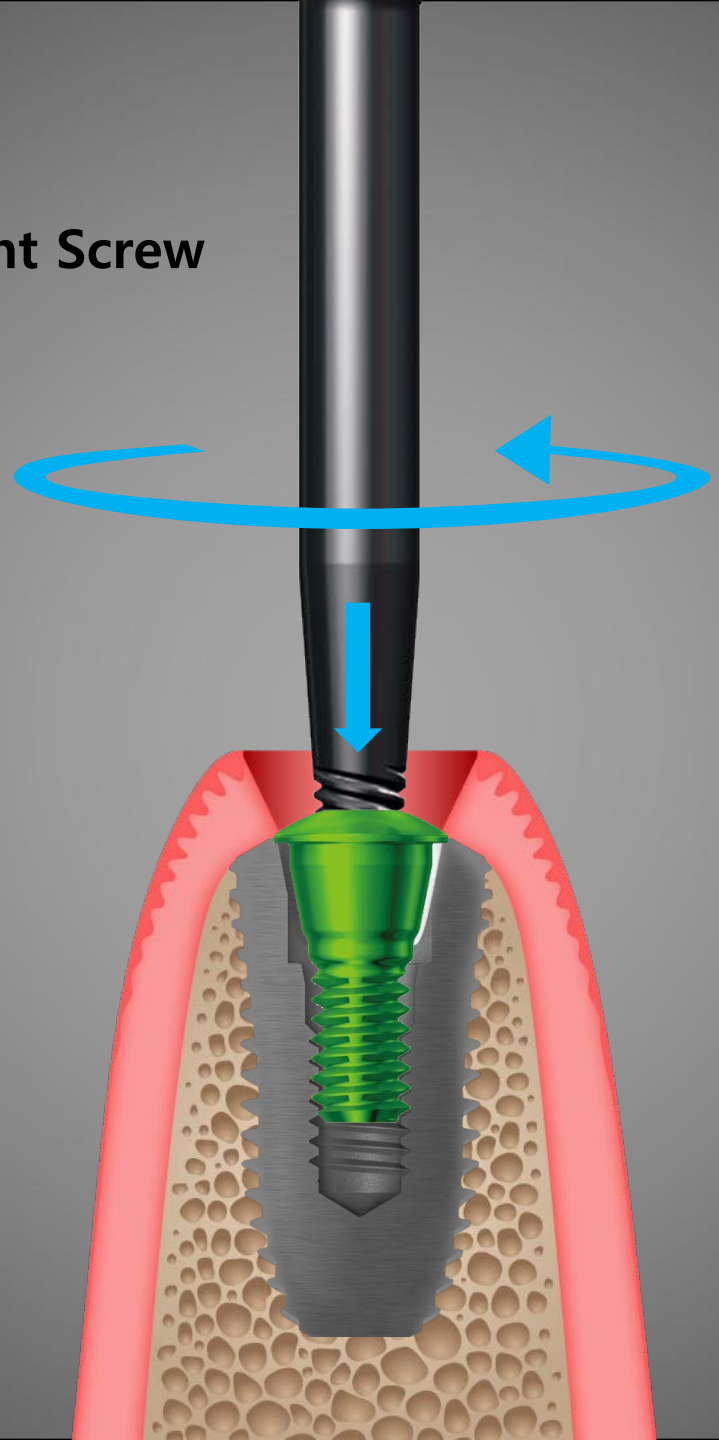

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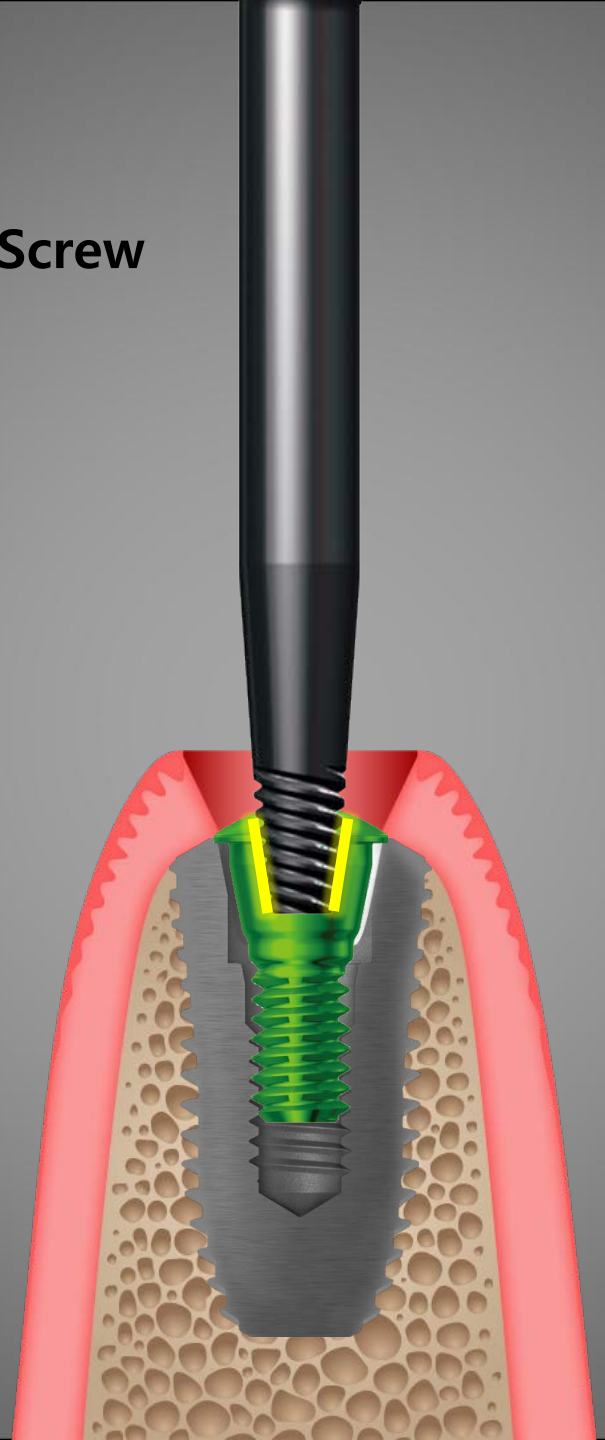

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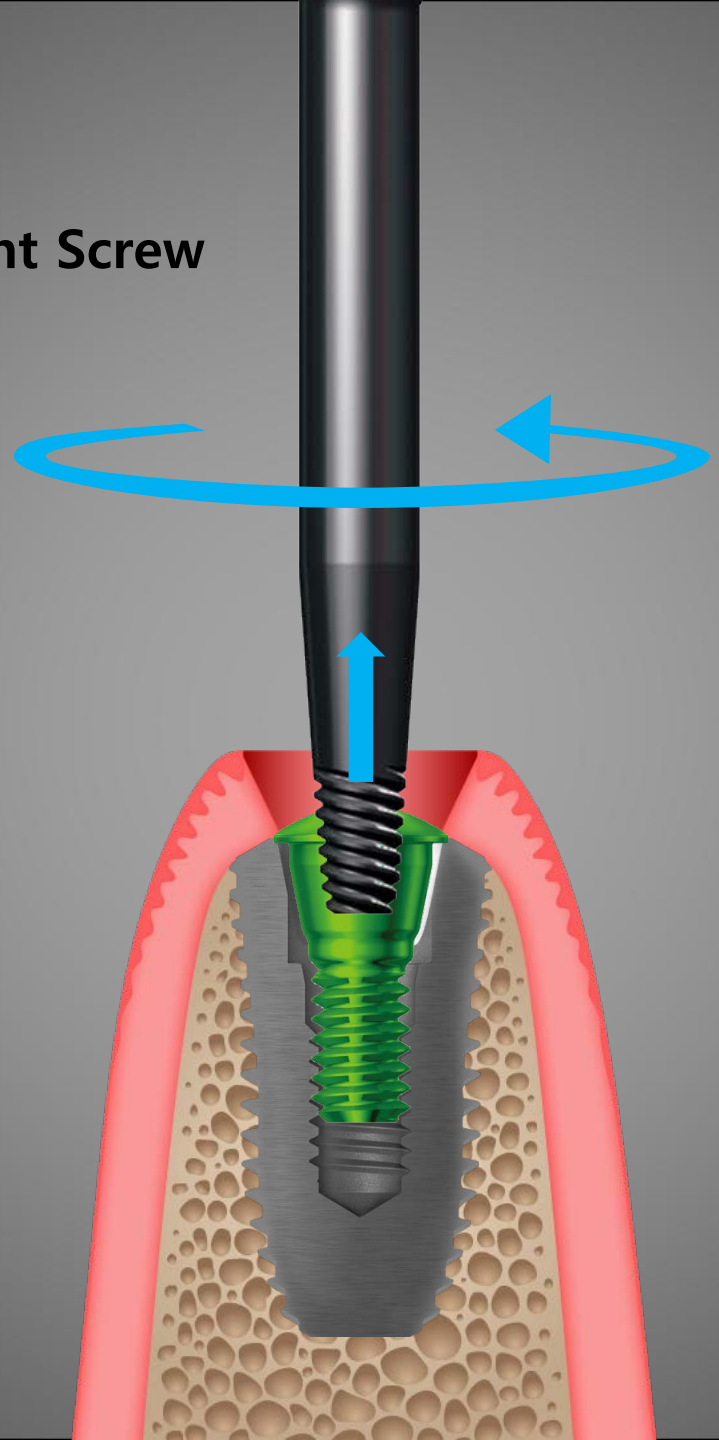

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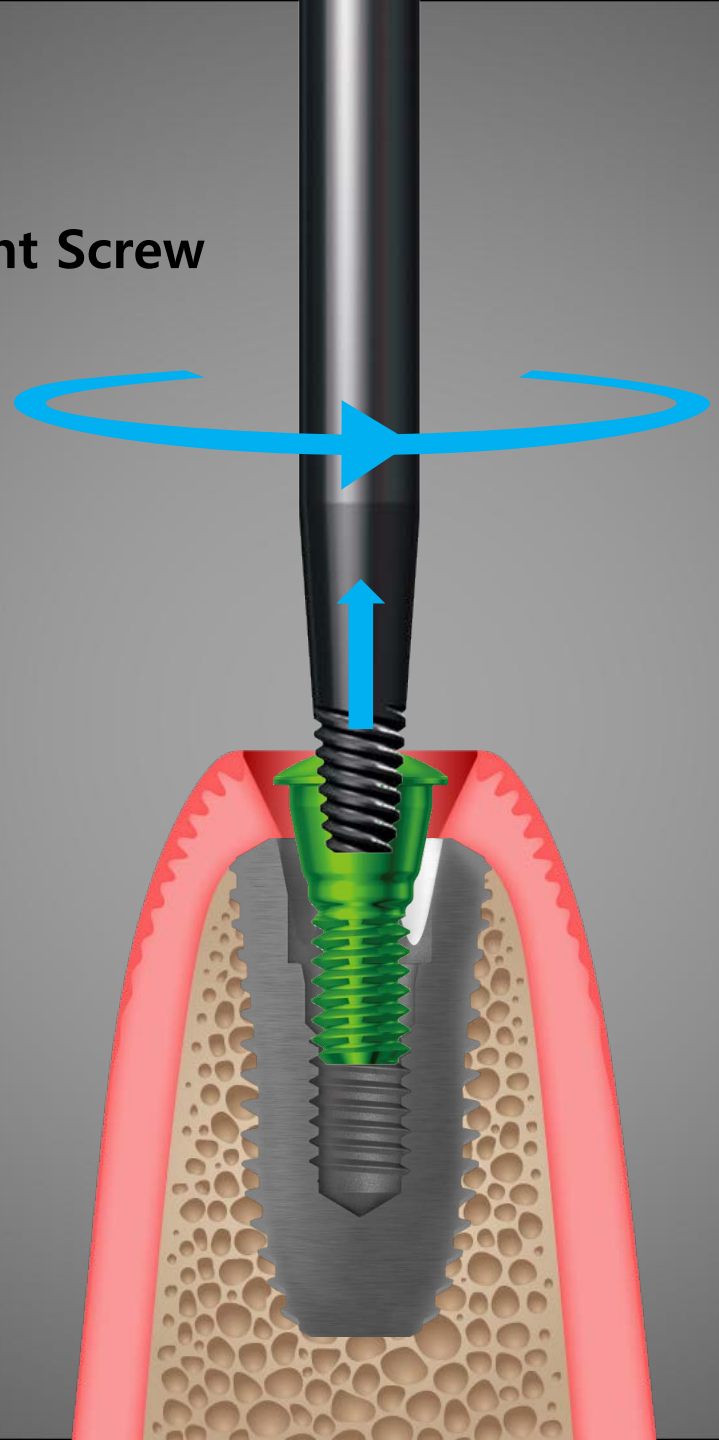

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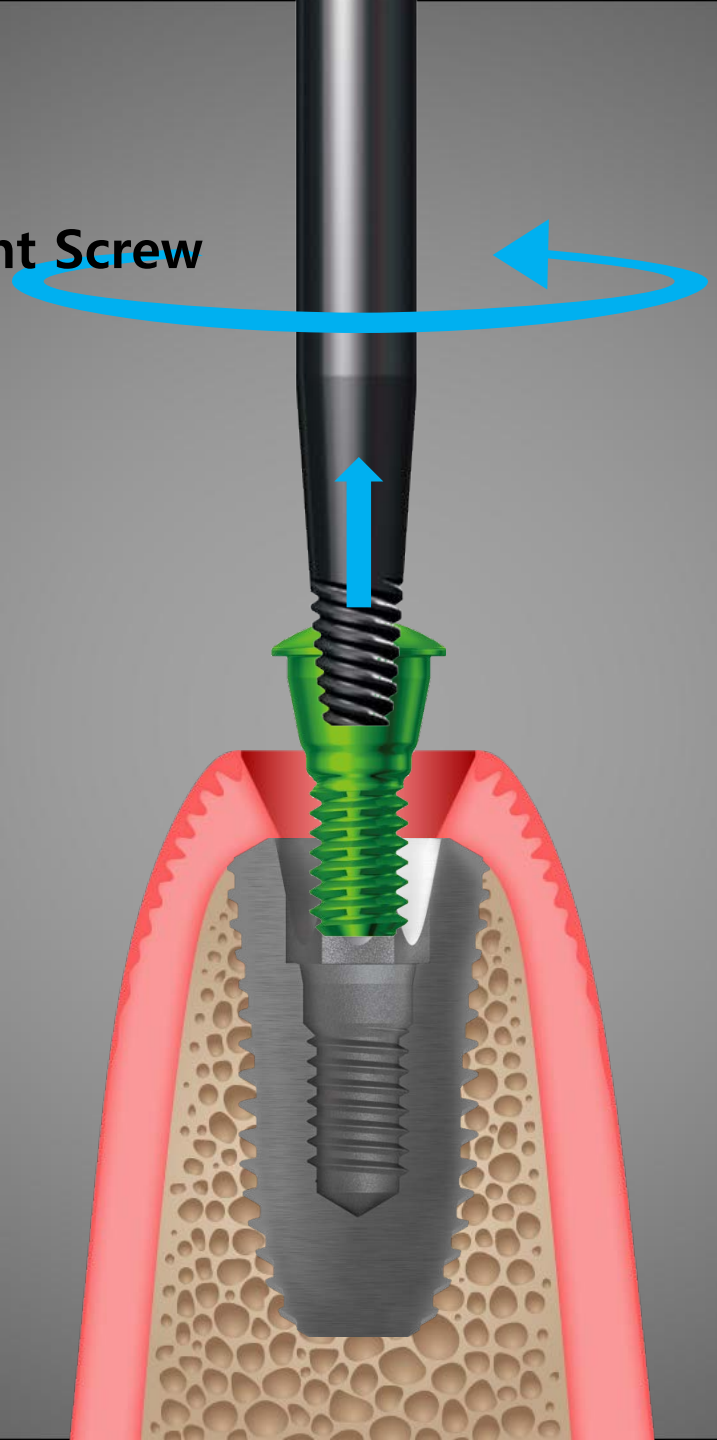

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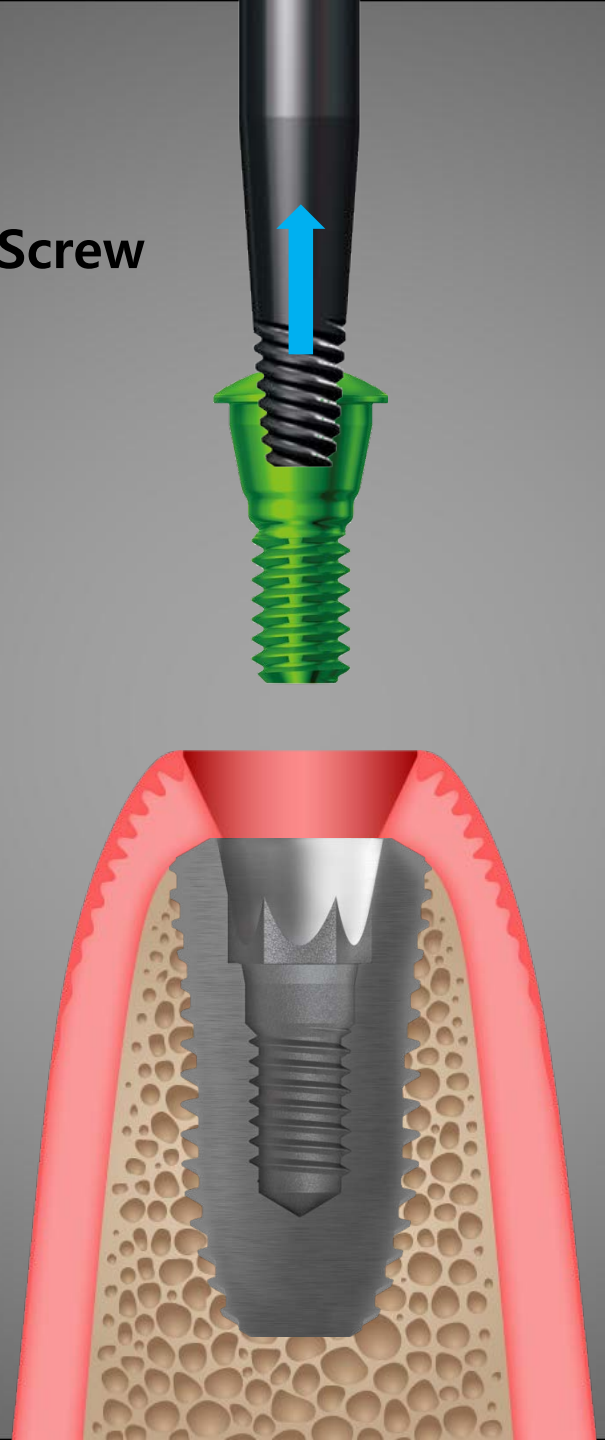

Abutment Screw Remover

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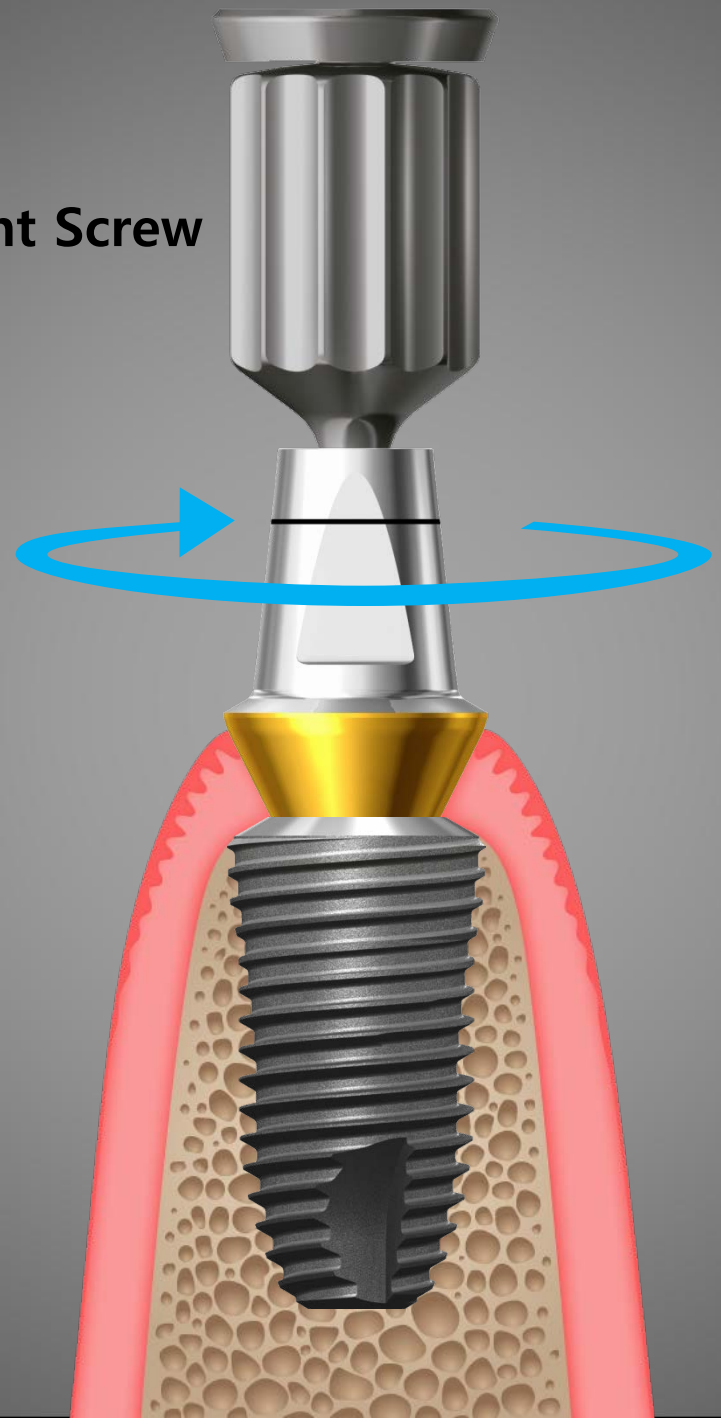
2) Cover & Abutment Screw Remover



Dentium
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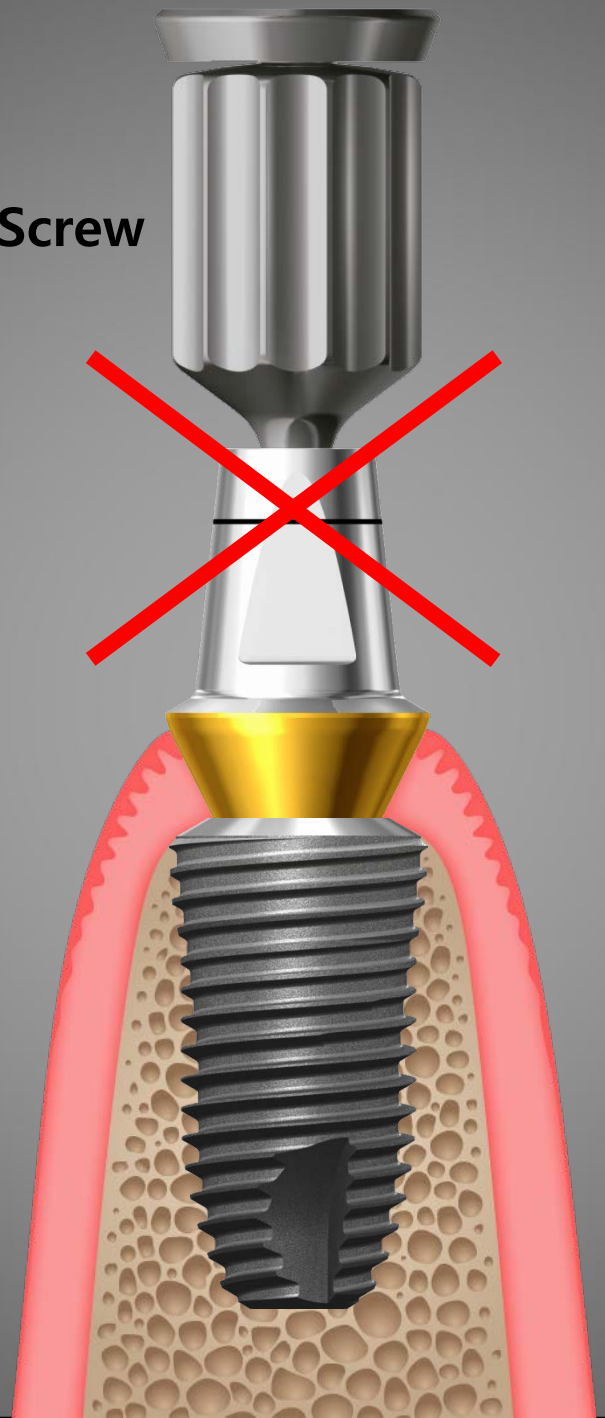
2) Cover & Abutment Screw Remover



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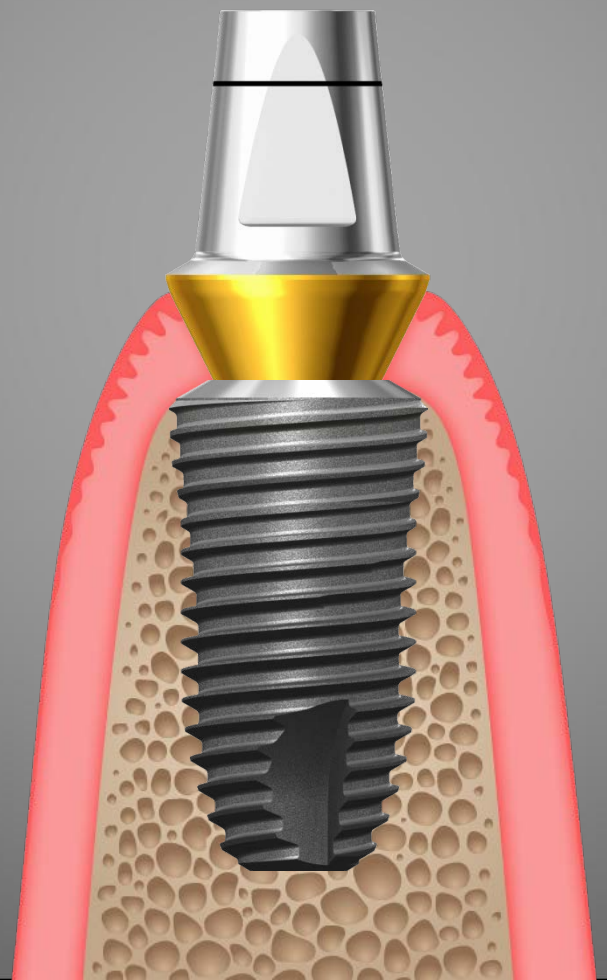

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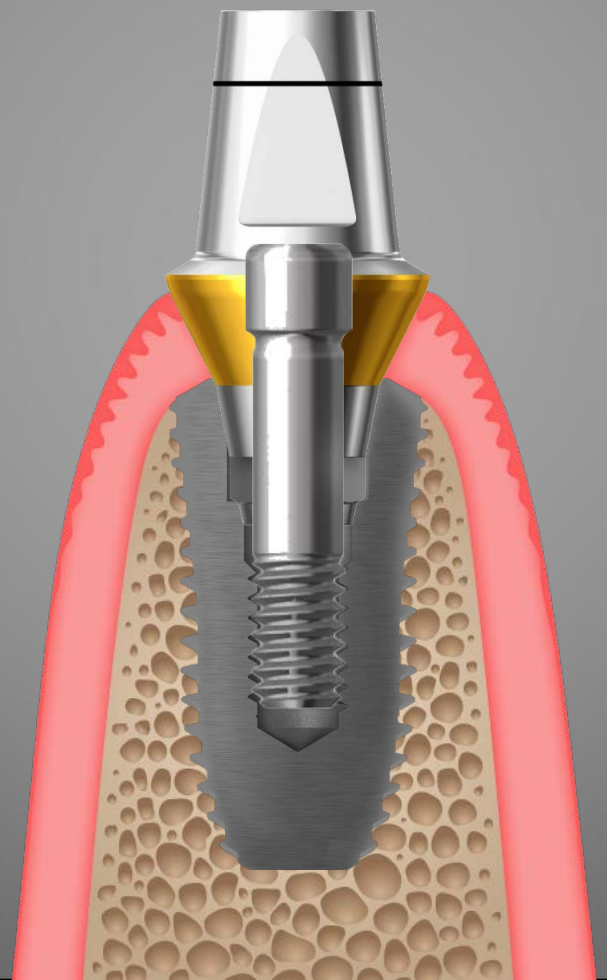

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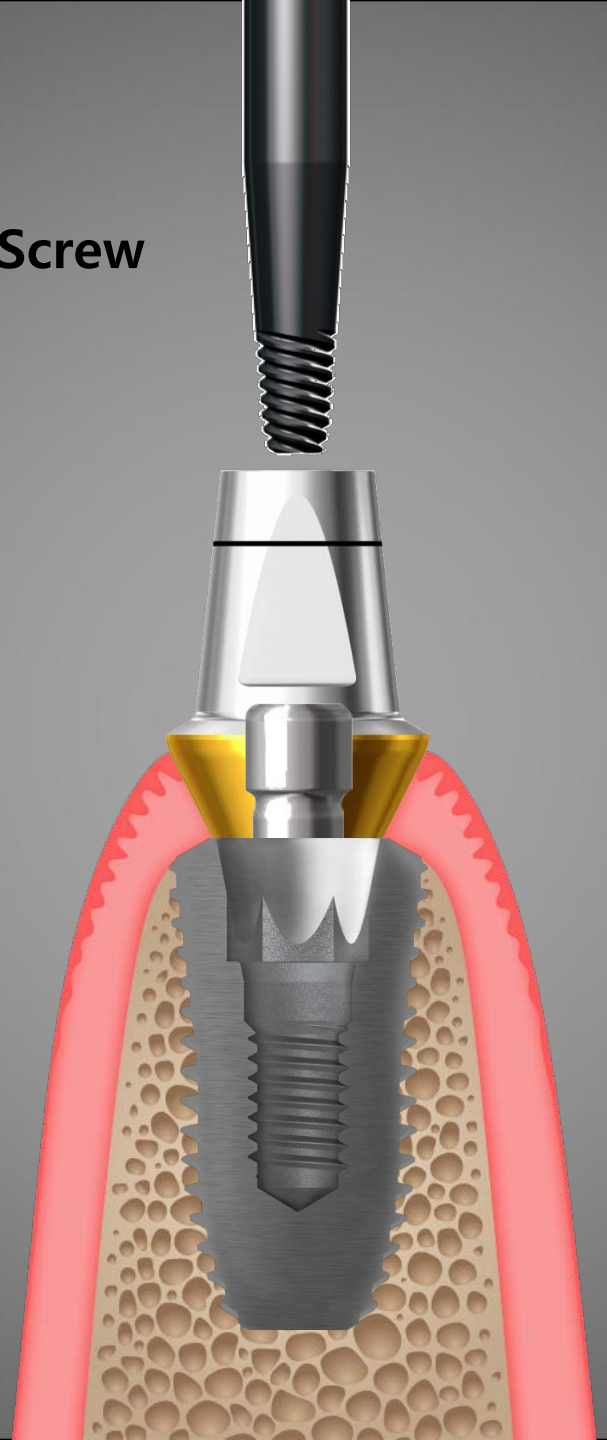

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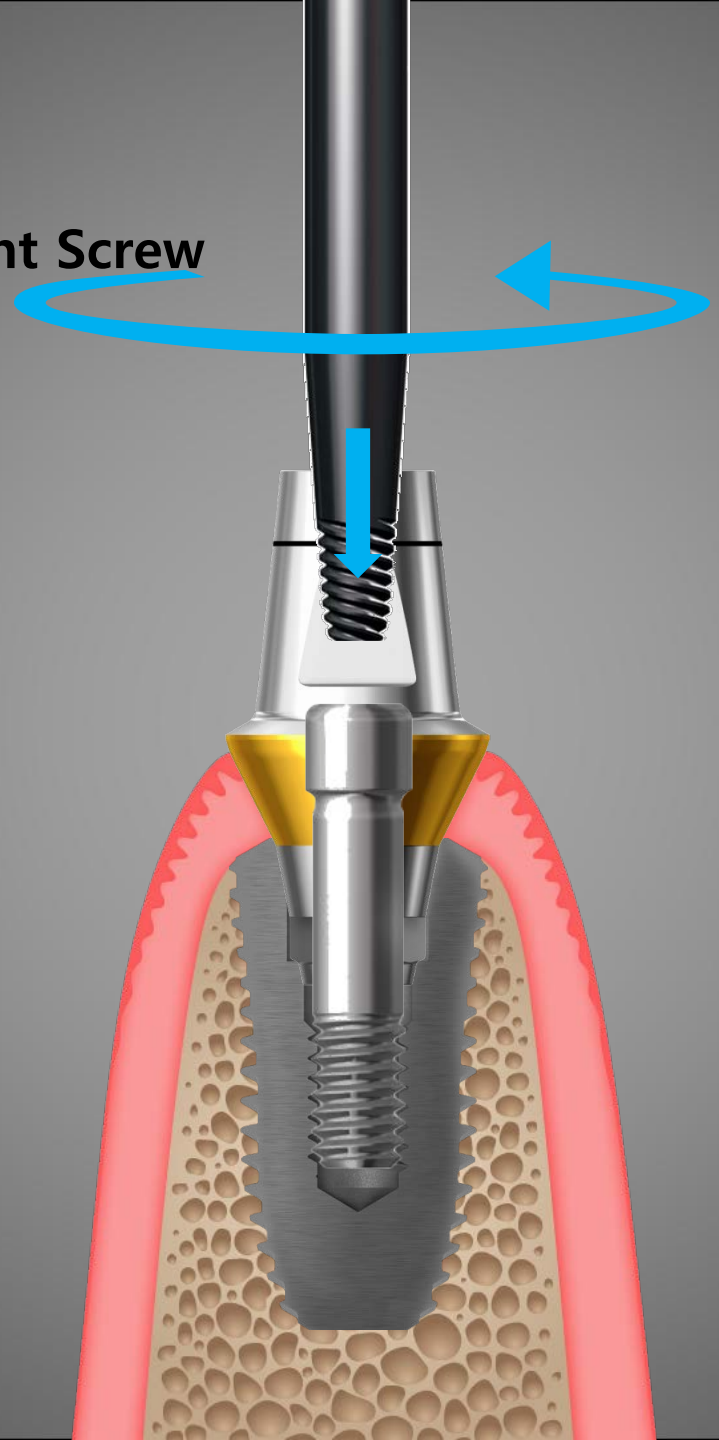

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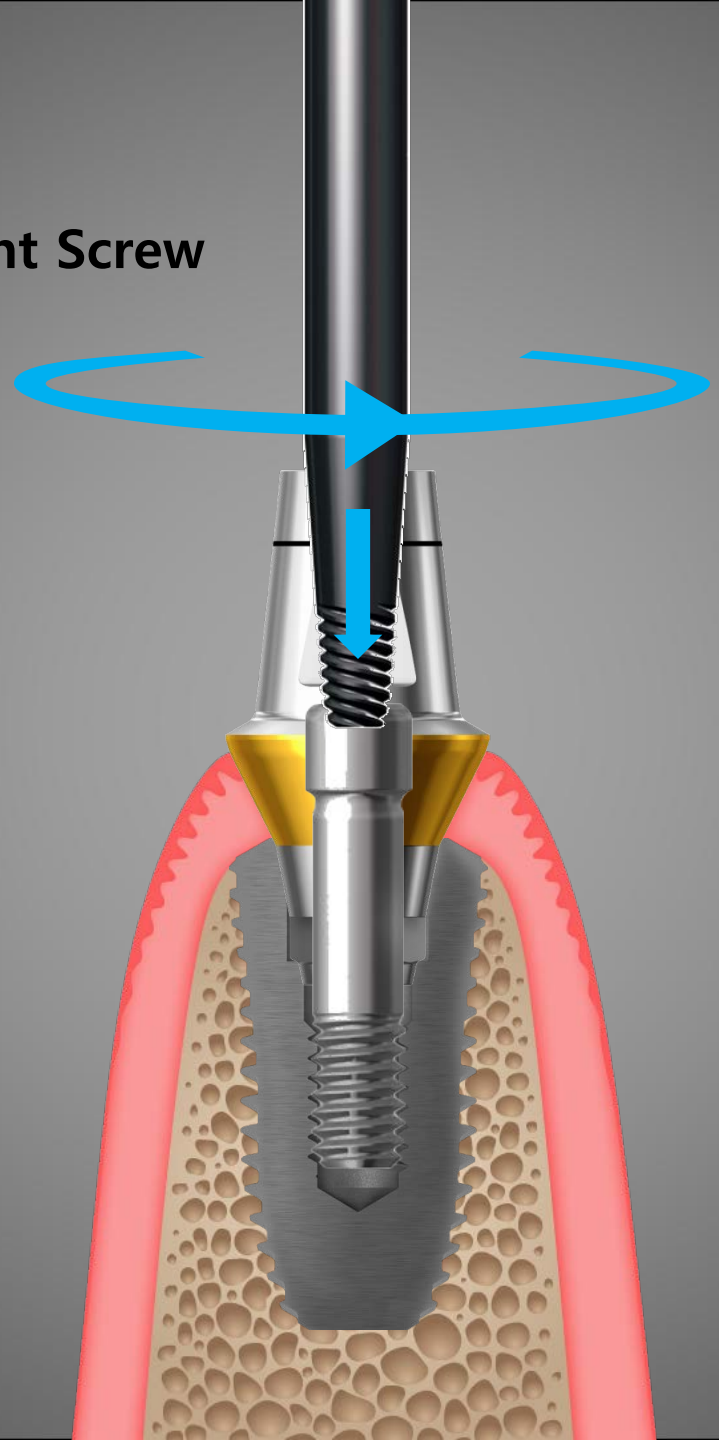

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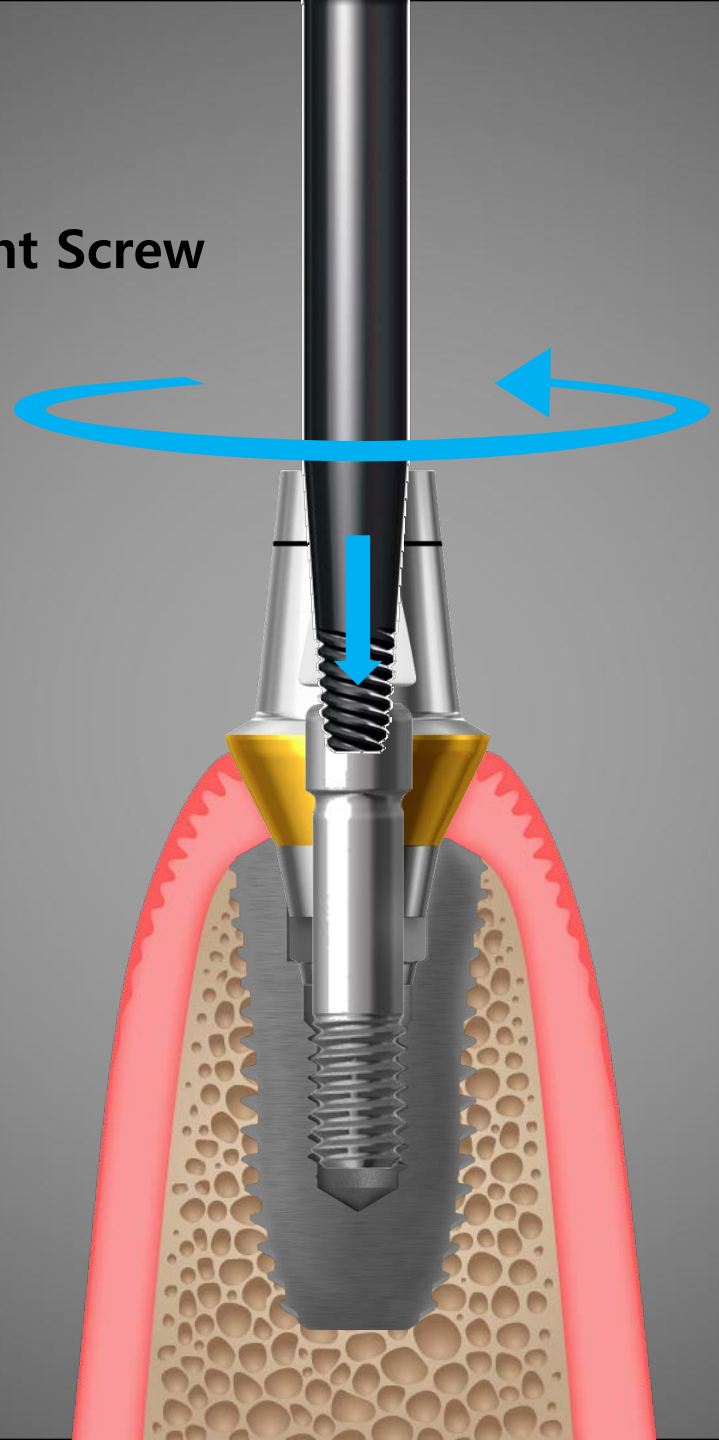

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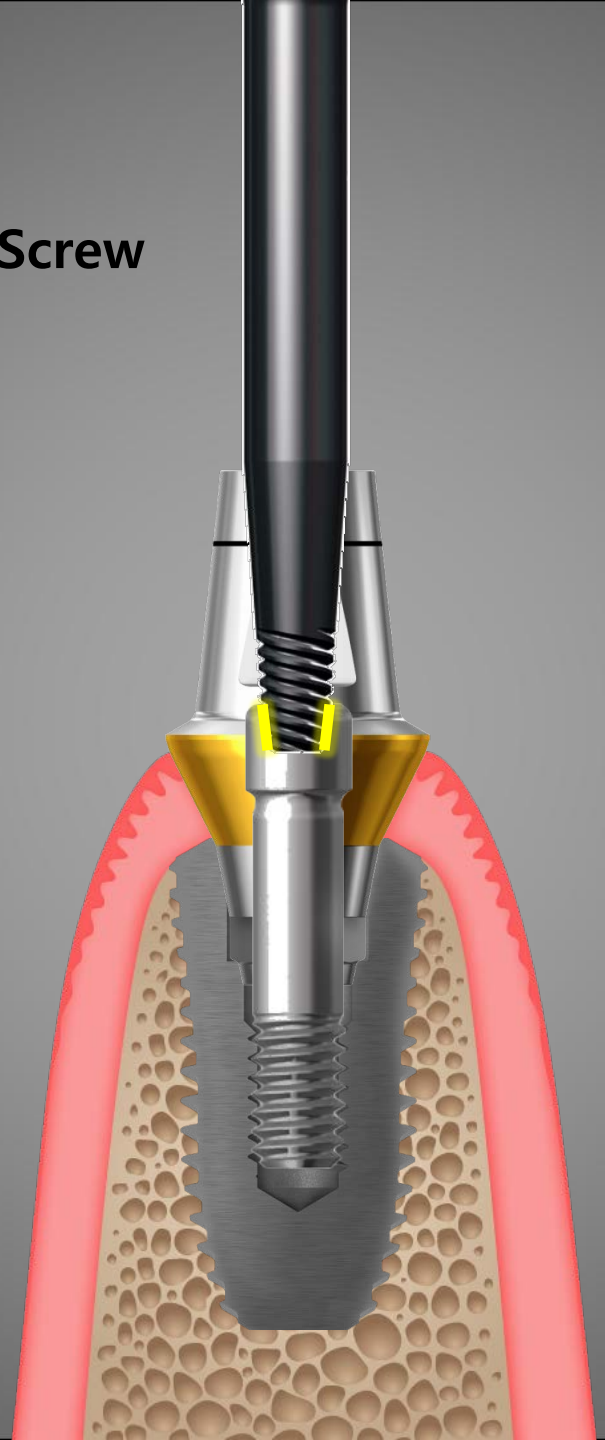

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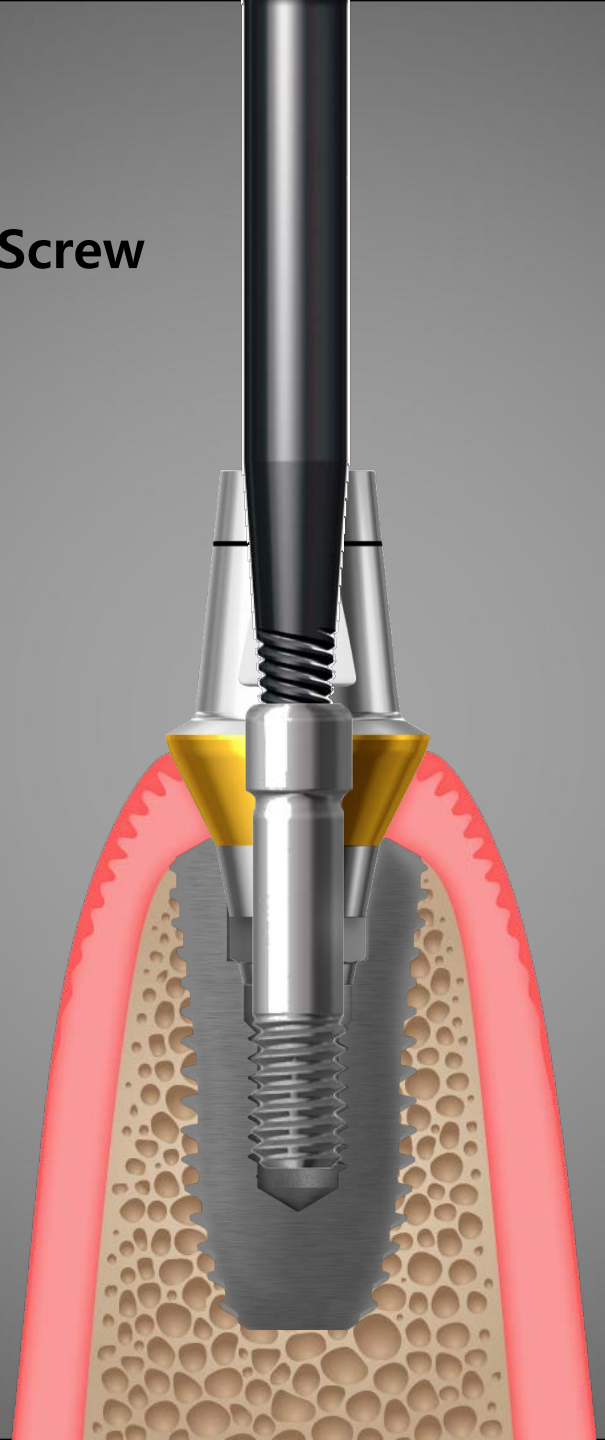

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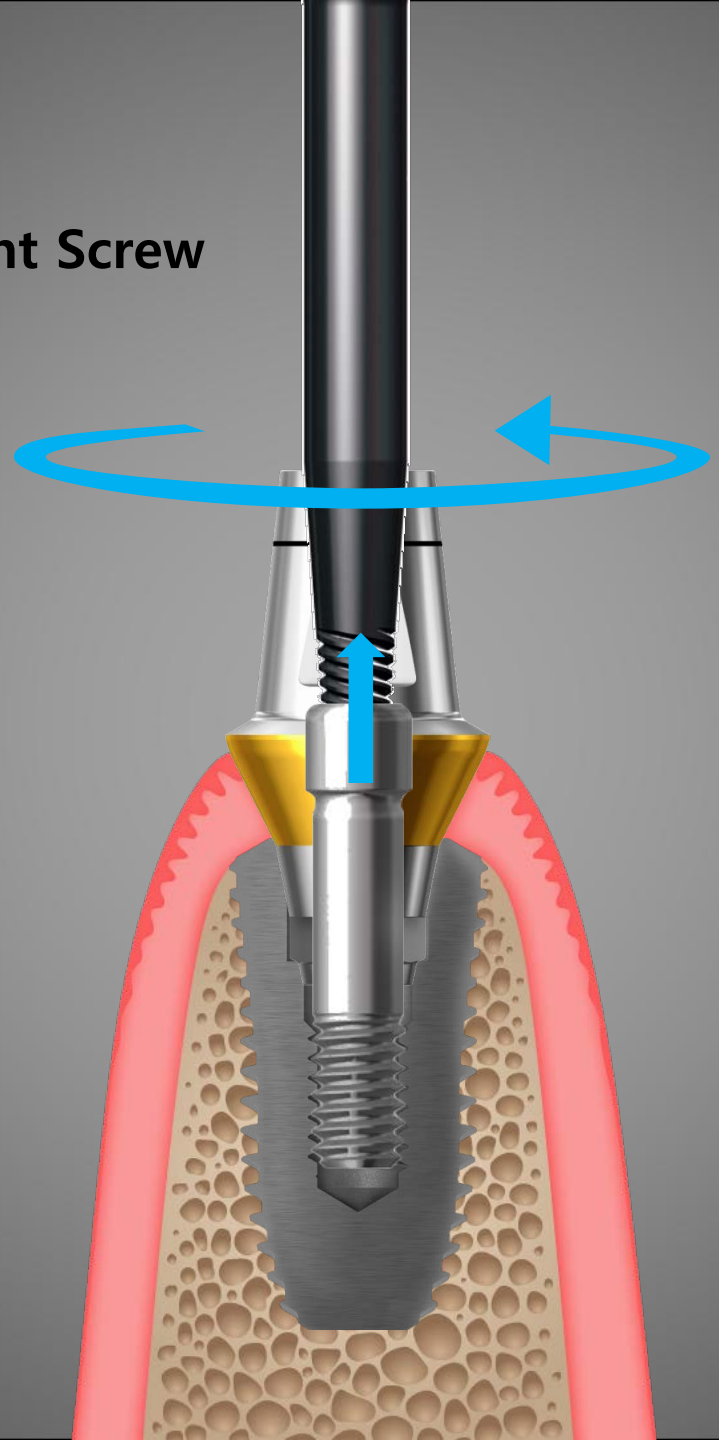

Dentium
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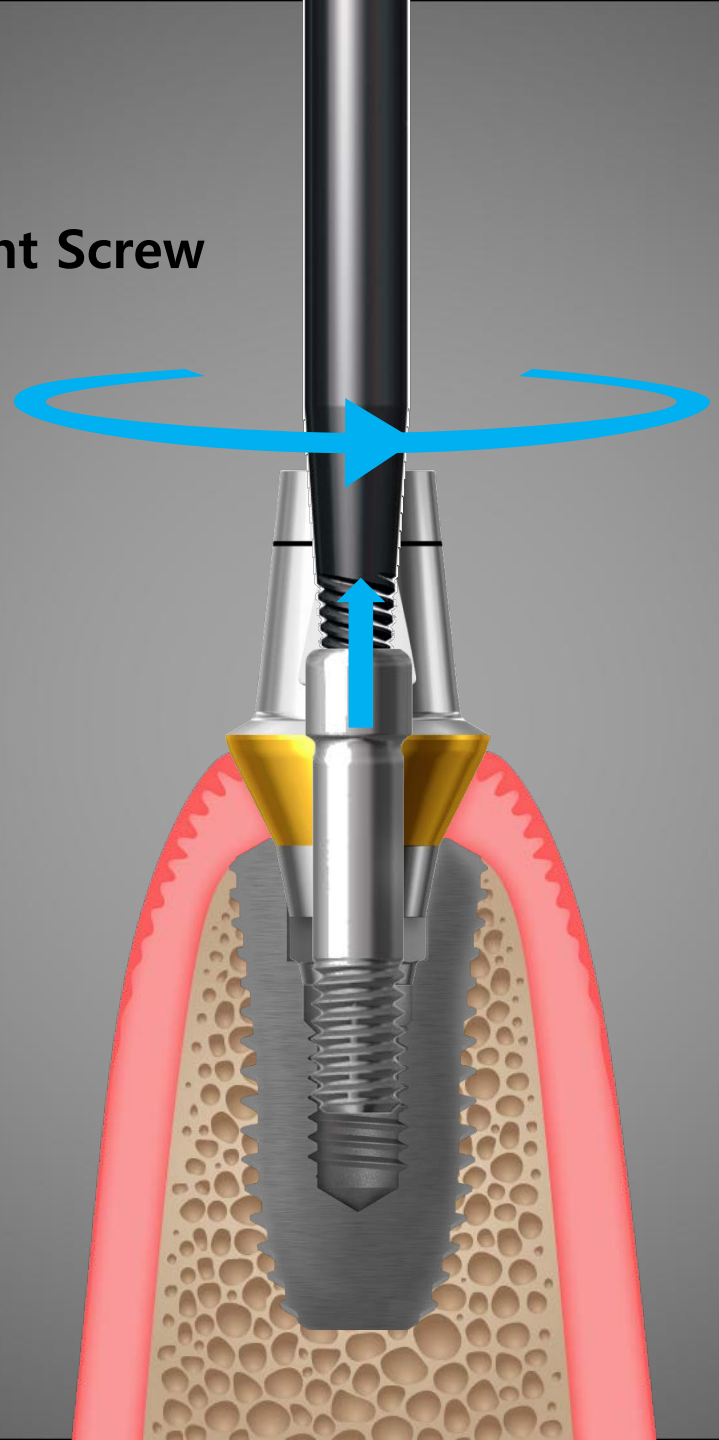

Dentium
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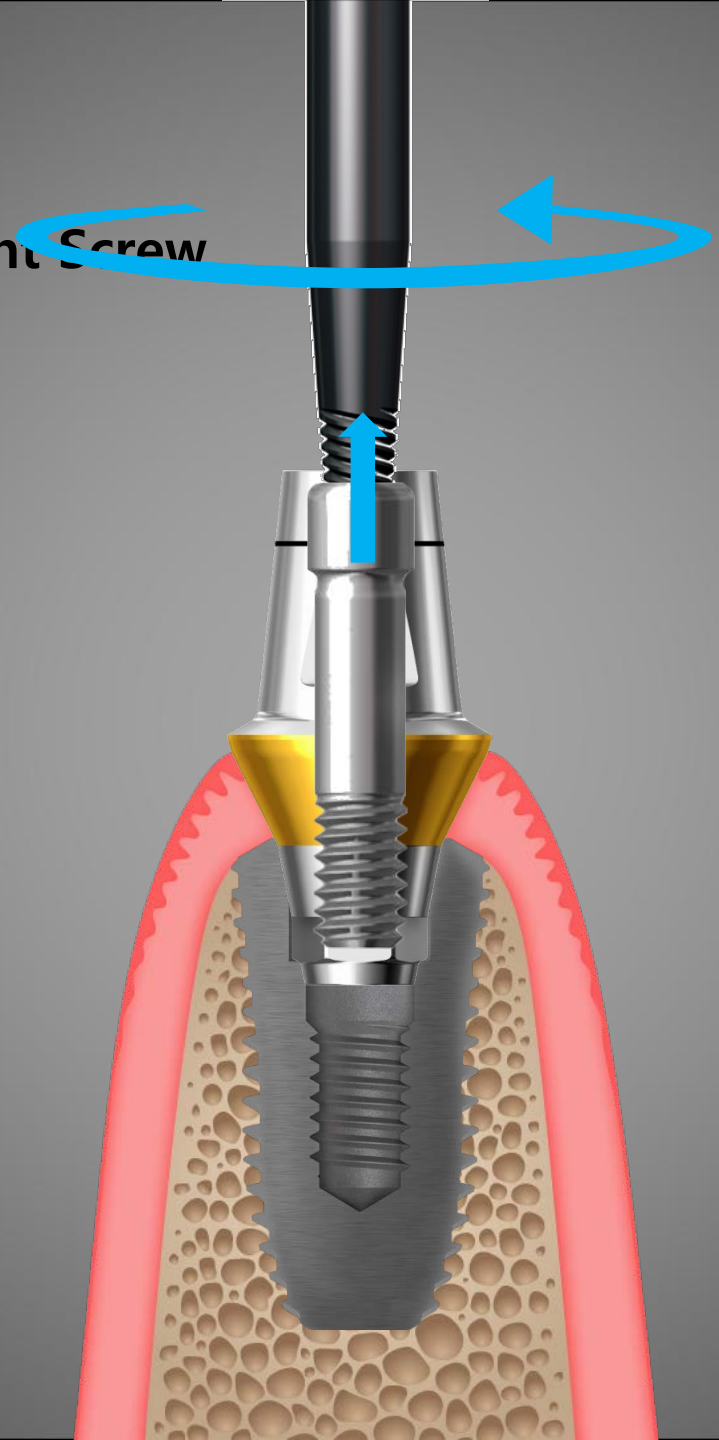

Dentium
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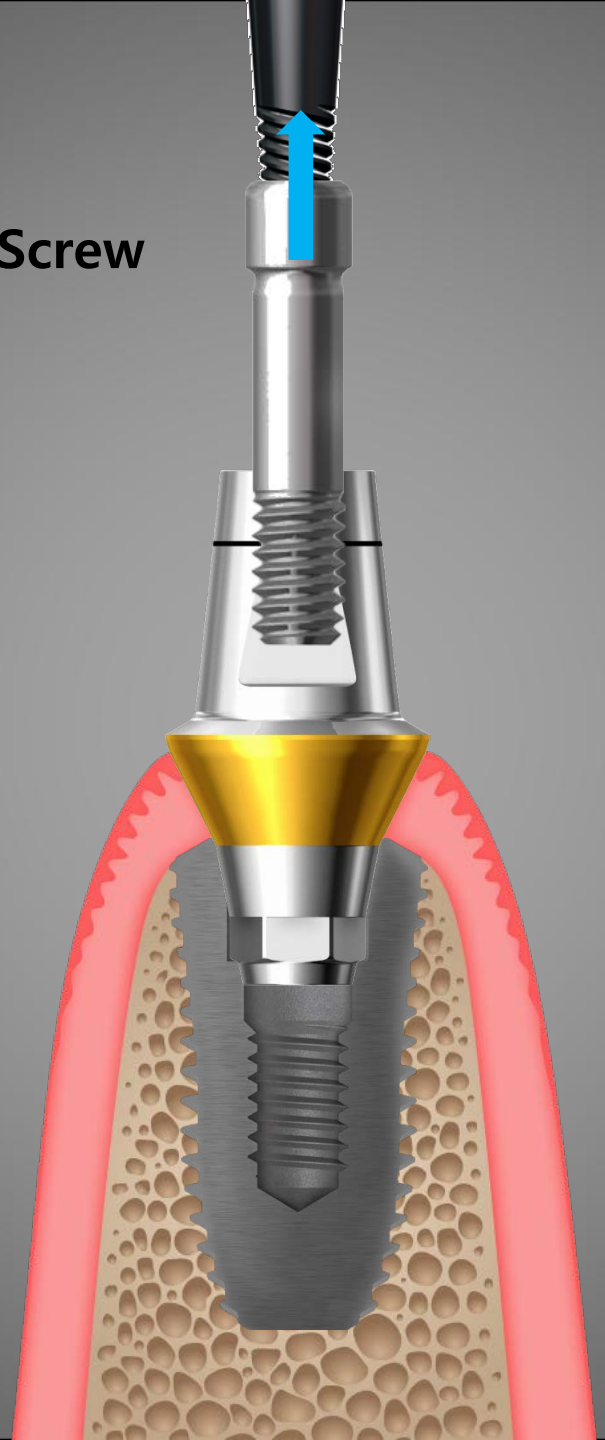

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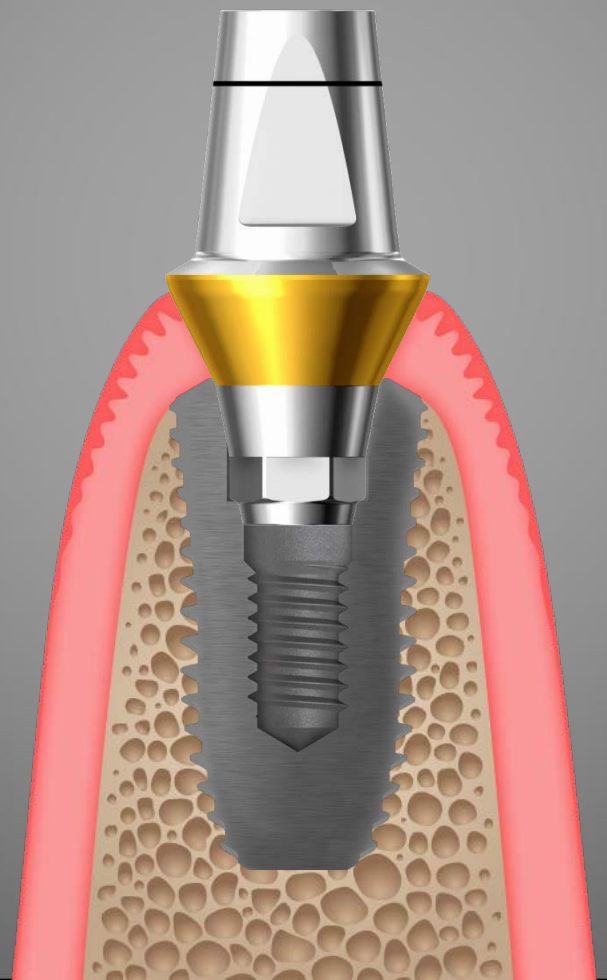

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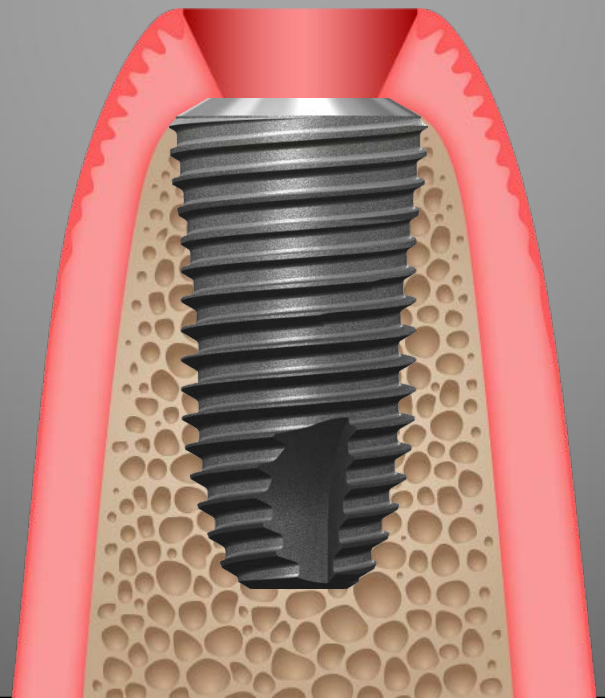


Screw Remover

[Application]

For removal of remaining screw when the abutment screw is broken inside fixture

[Advantages]

Easy to remove the broken screw, as well as protect internal thread of fixture from being damaged

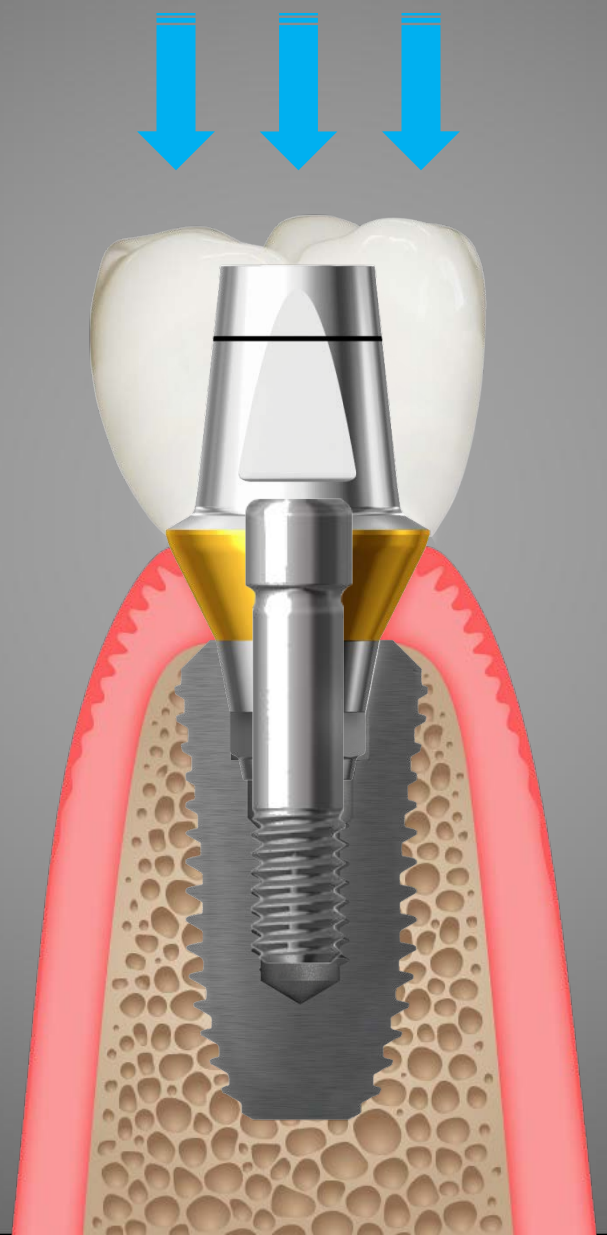
[Usage]

1. Set the implant engine in Torque mode, 30~50rpm, CCW (counterclockwise)
2. Assemble the tool with the handpiece.
3. Run the engine keeping tip of the tool appropriately contacted with the broken screw until it comes out.

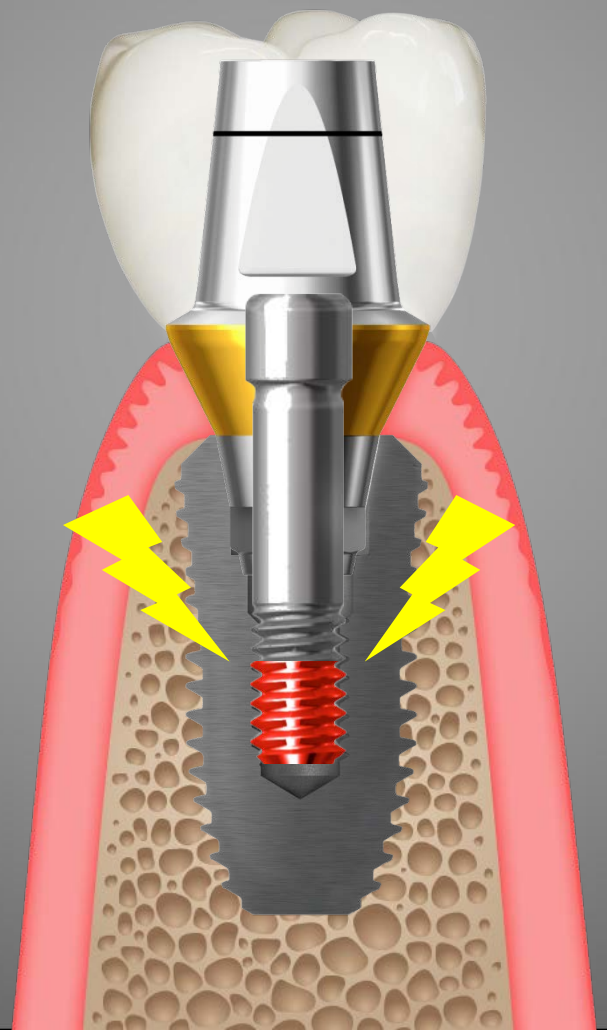
[Caution]

❖ Do not apply overload to the tool.

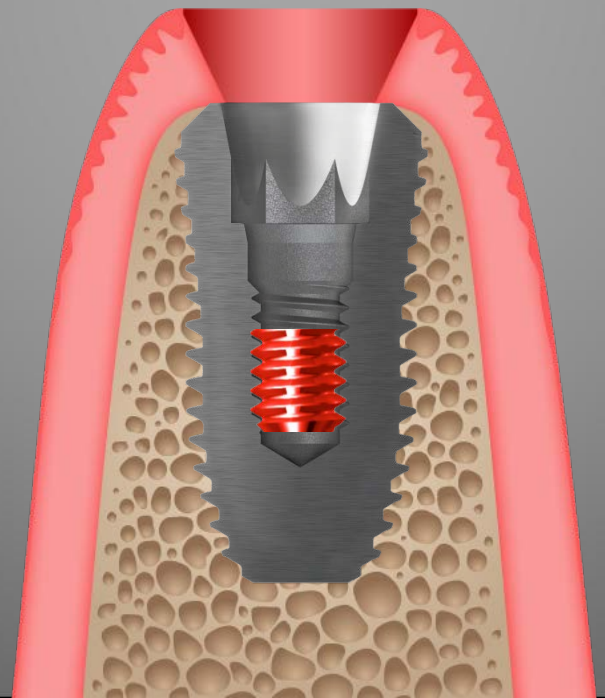
3) Screw Remover



3) Screw Remover



3) Screw Remover



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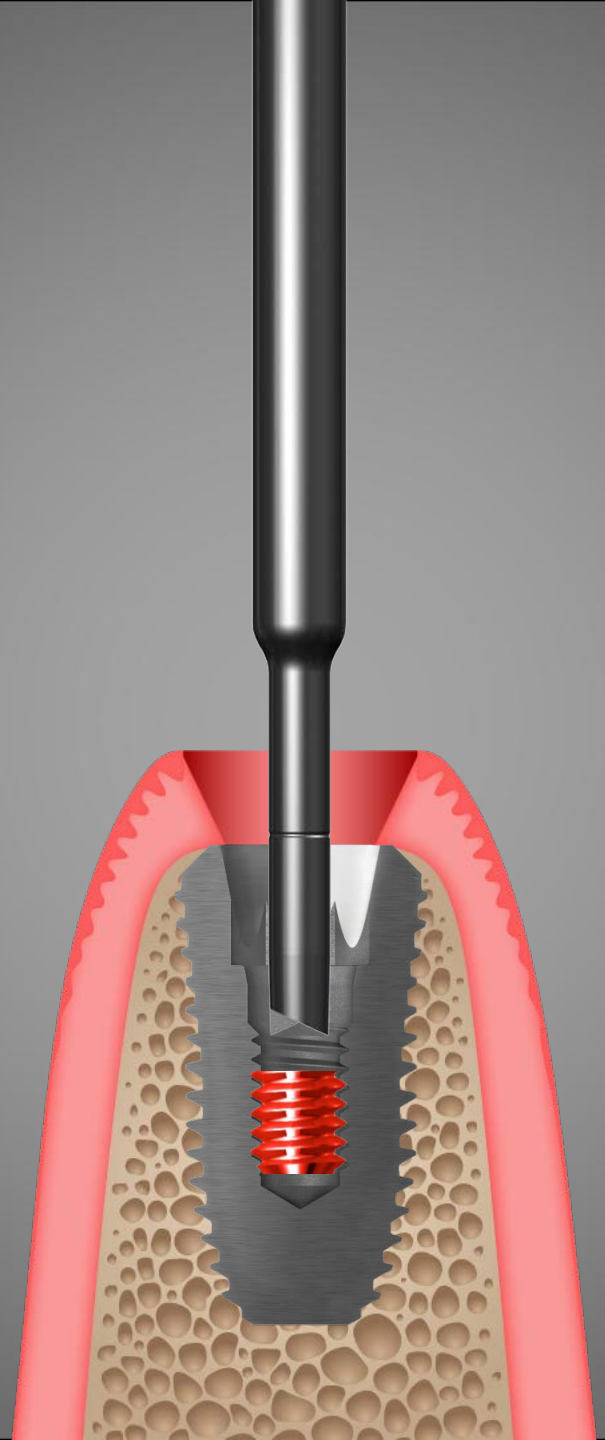
3) Screw Remover



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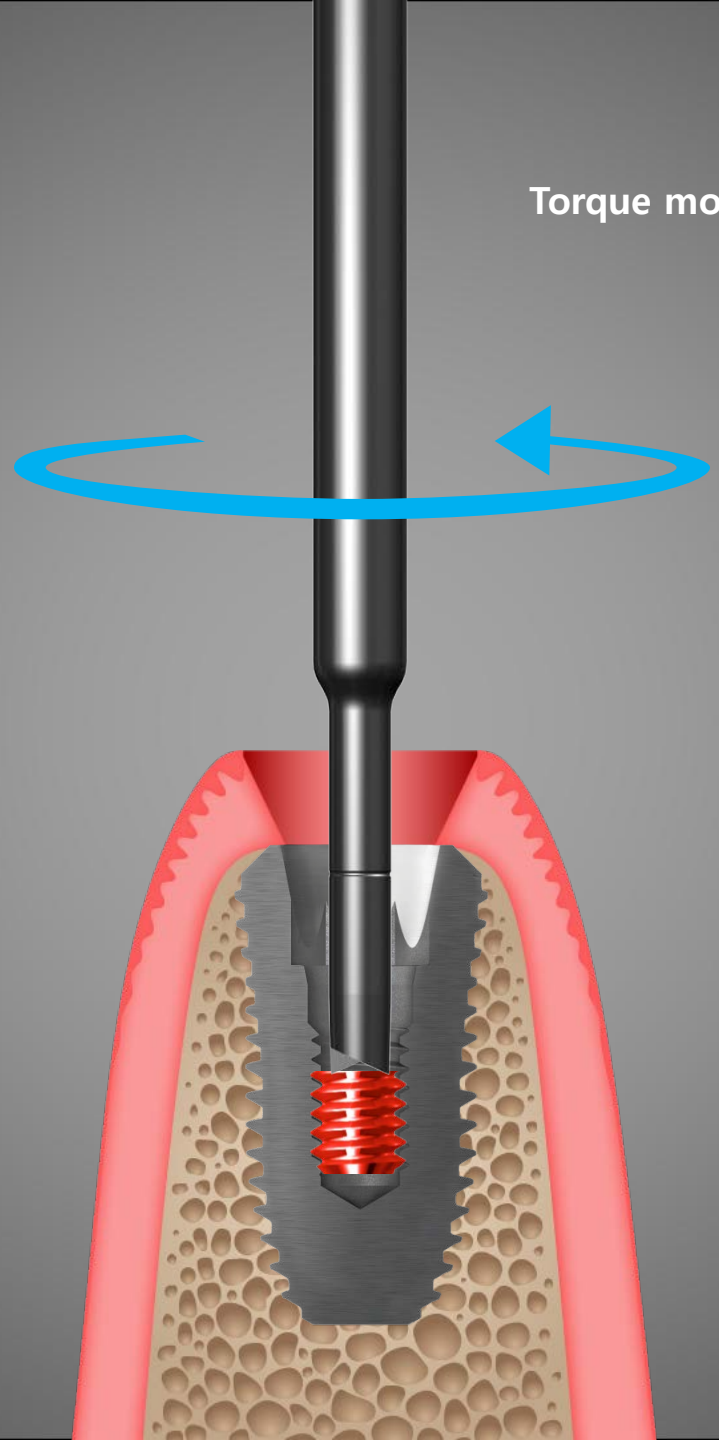
3) Screw Remover

Torque mode / 30~50rpm / Reverse



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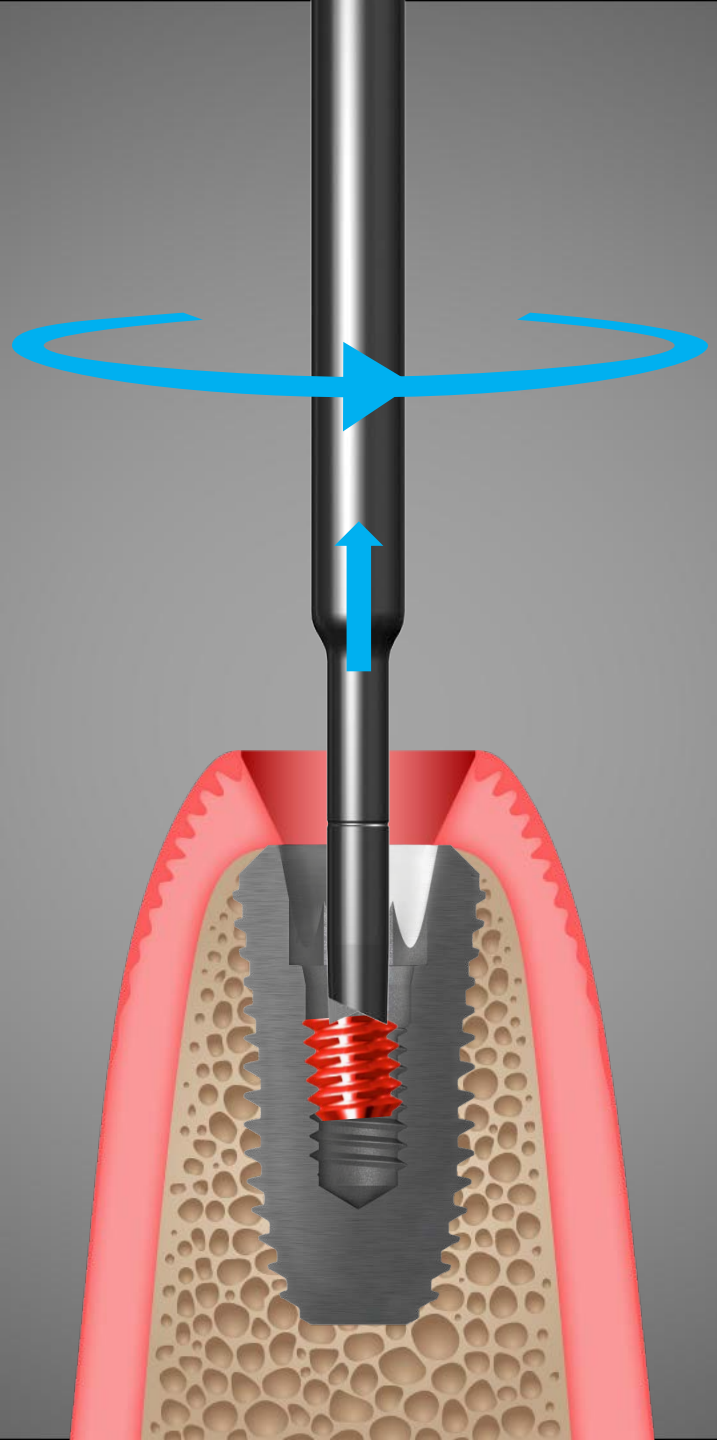
3) Screw Remover



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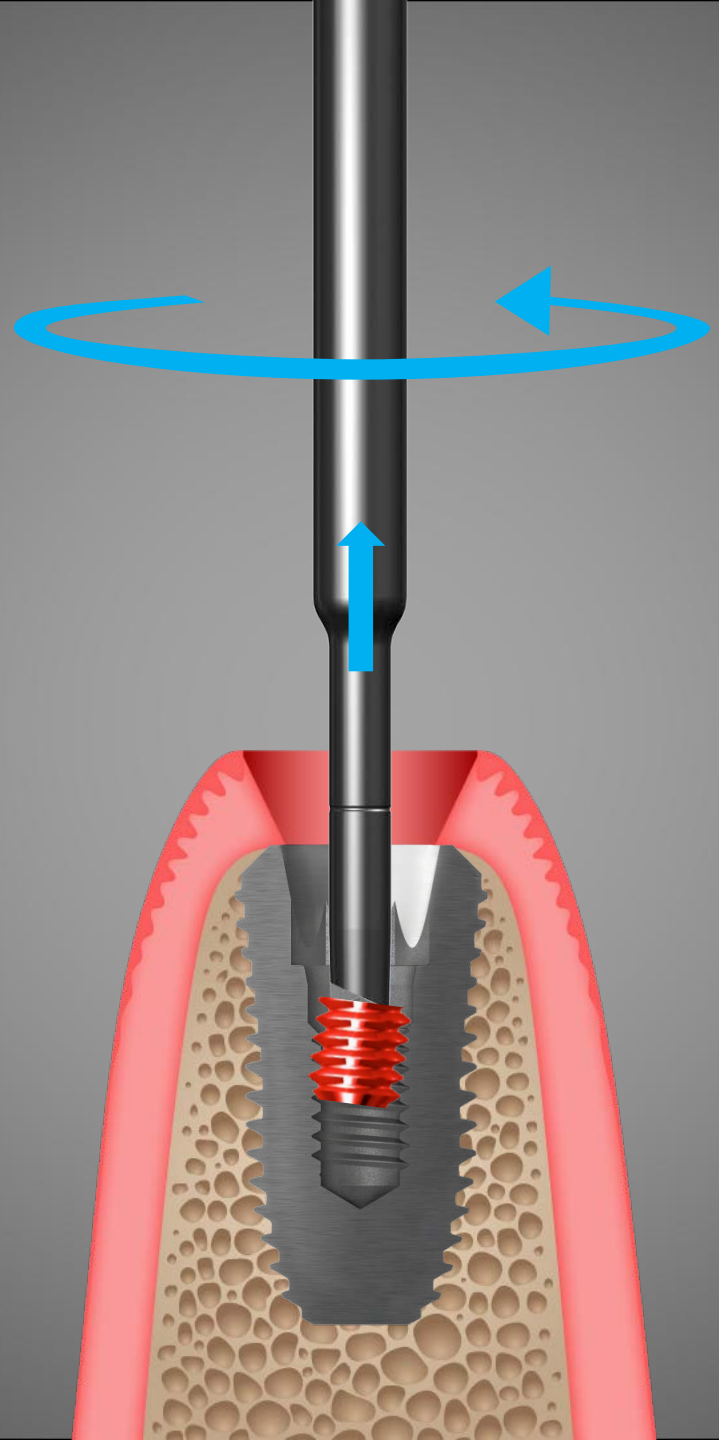

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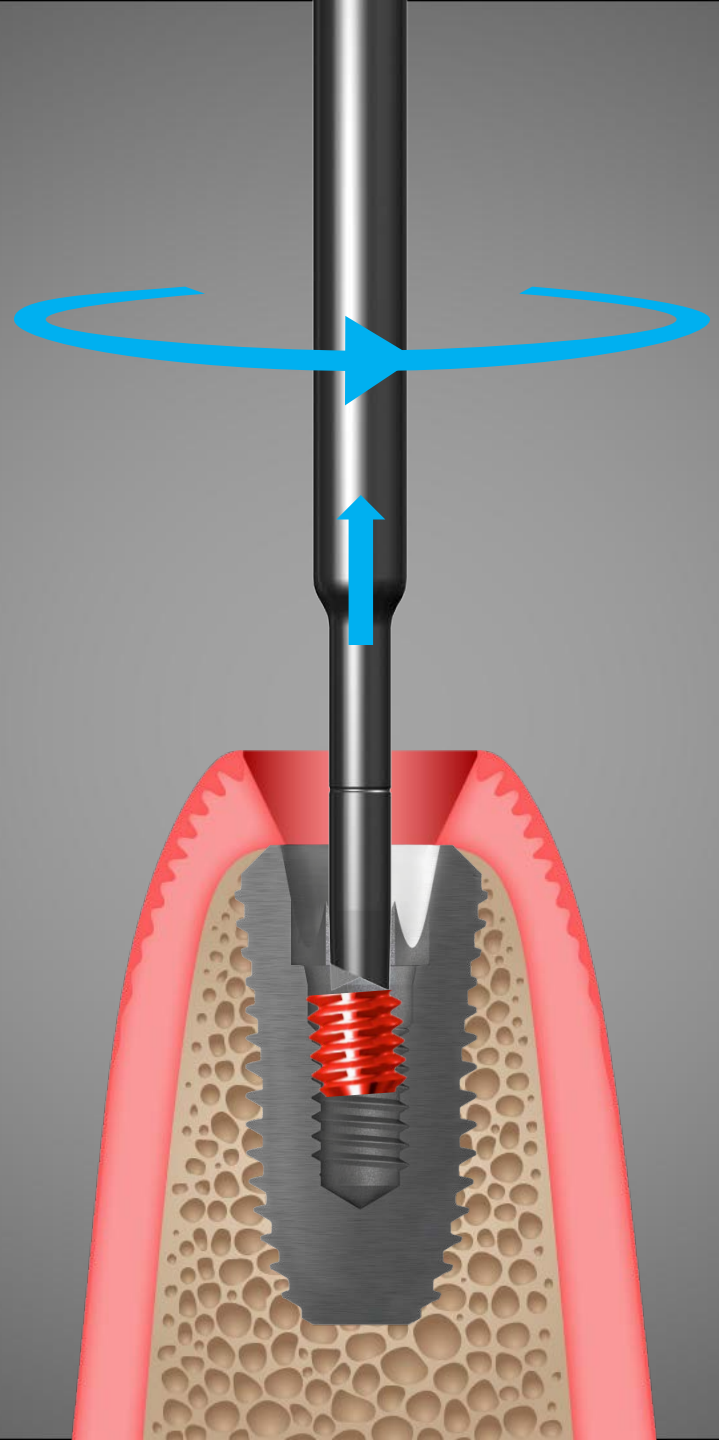

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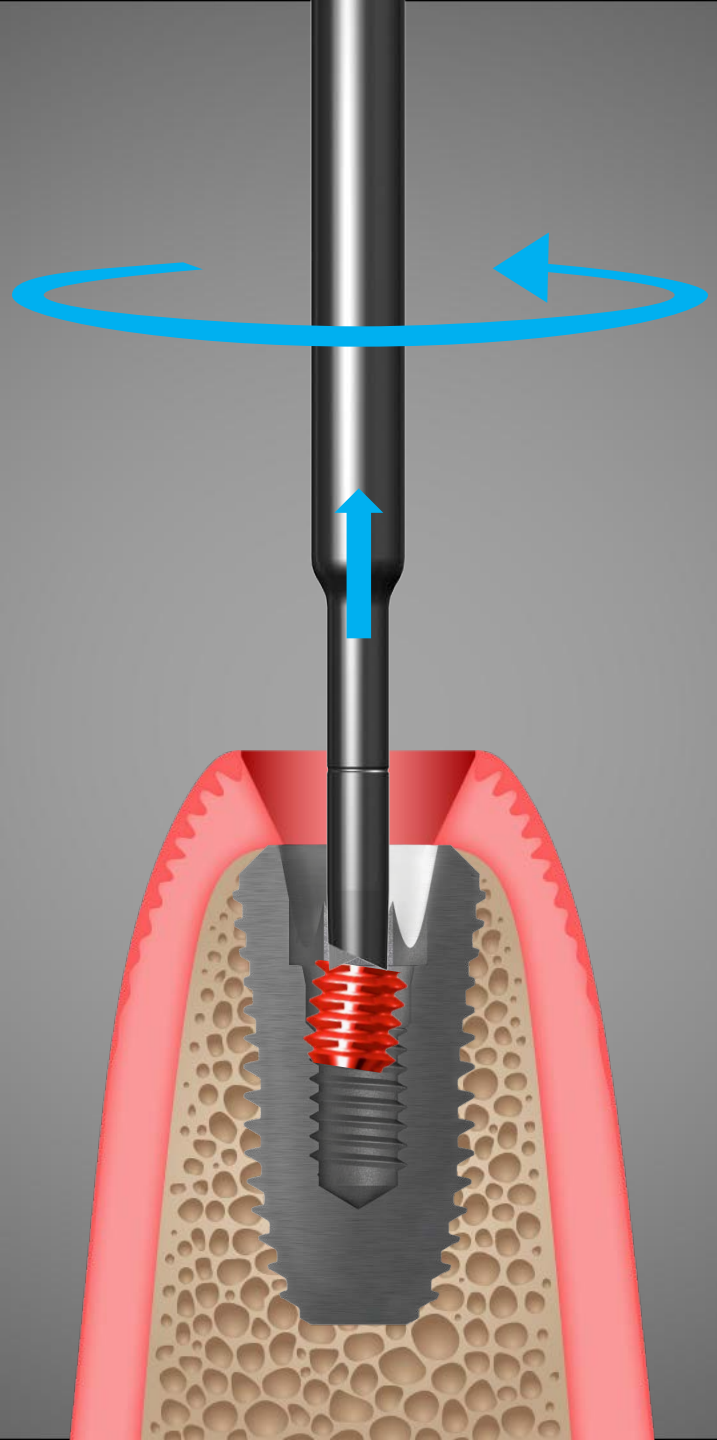

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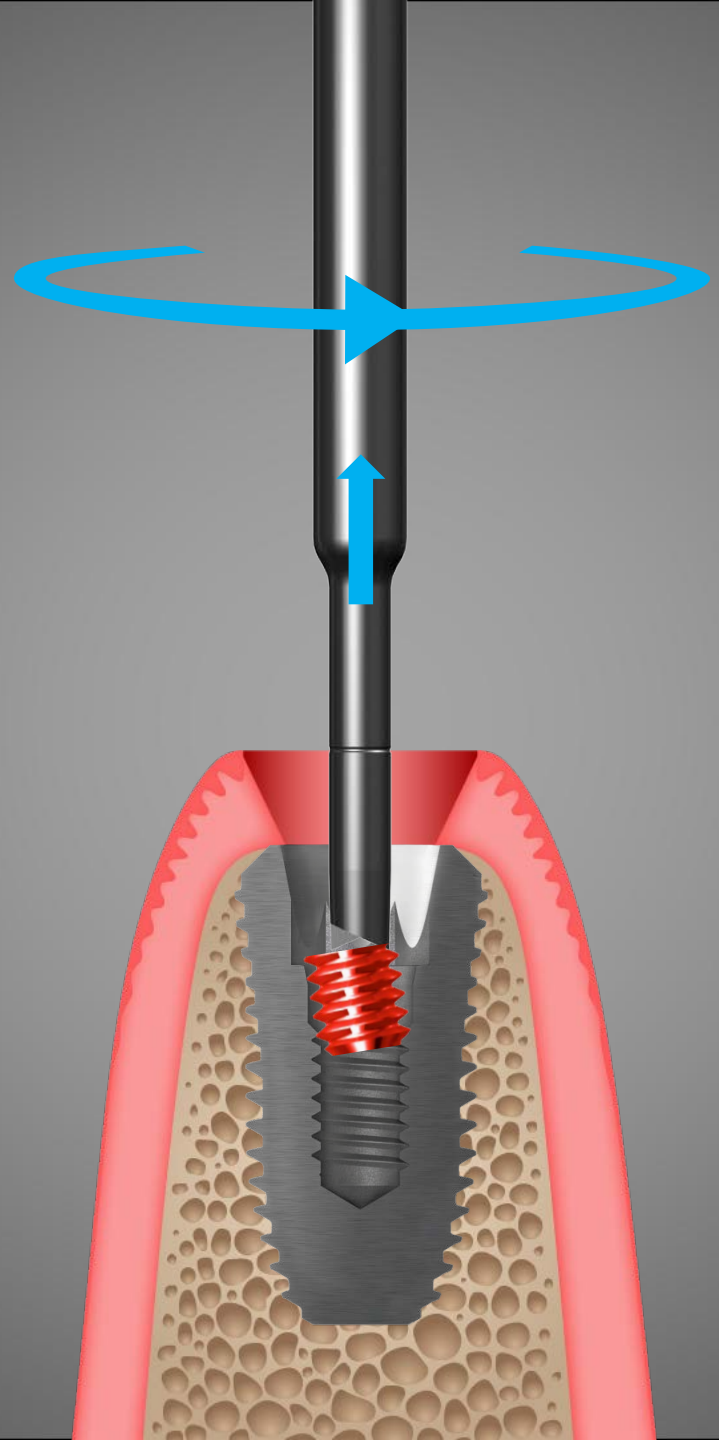

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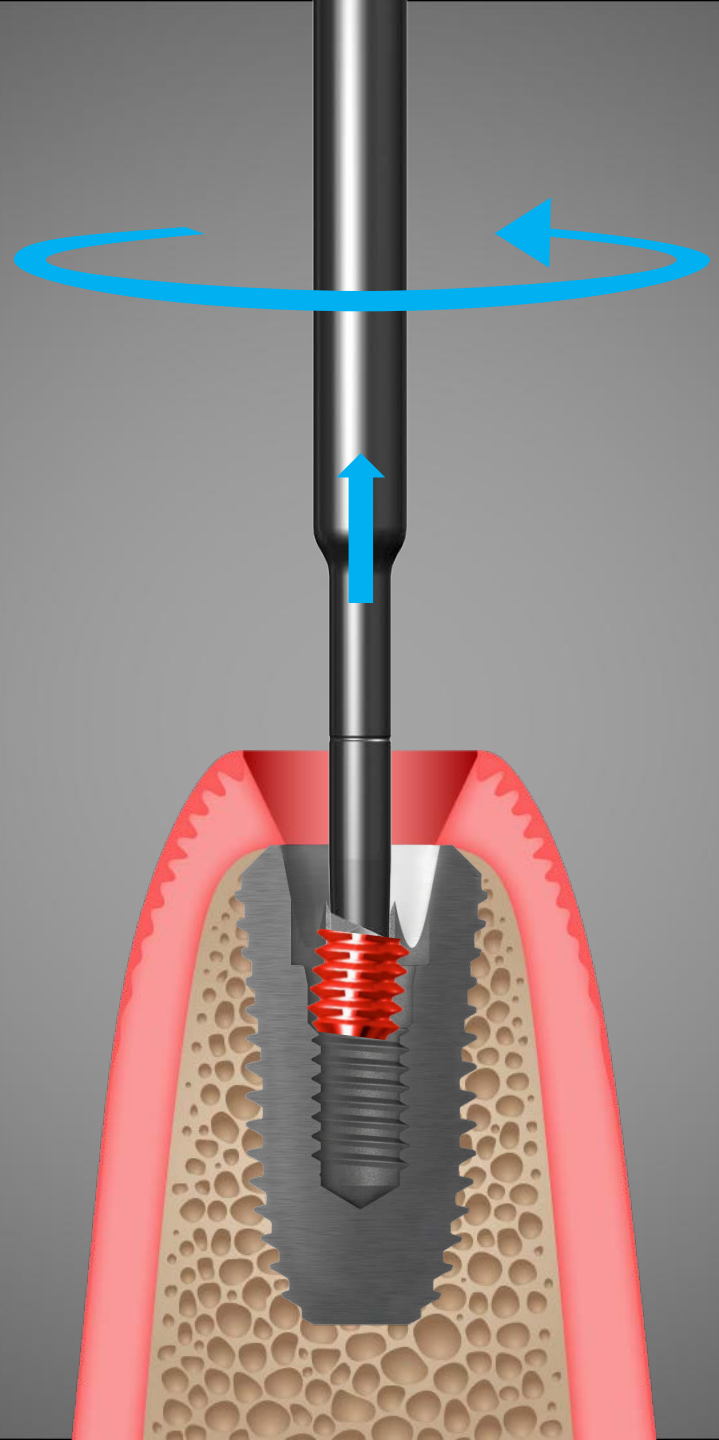

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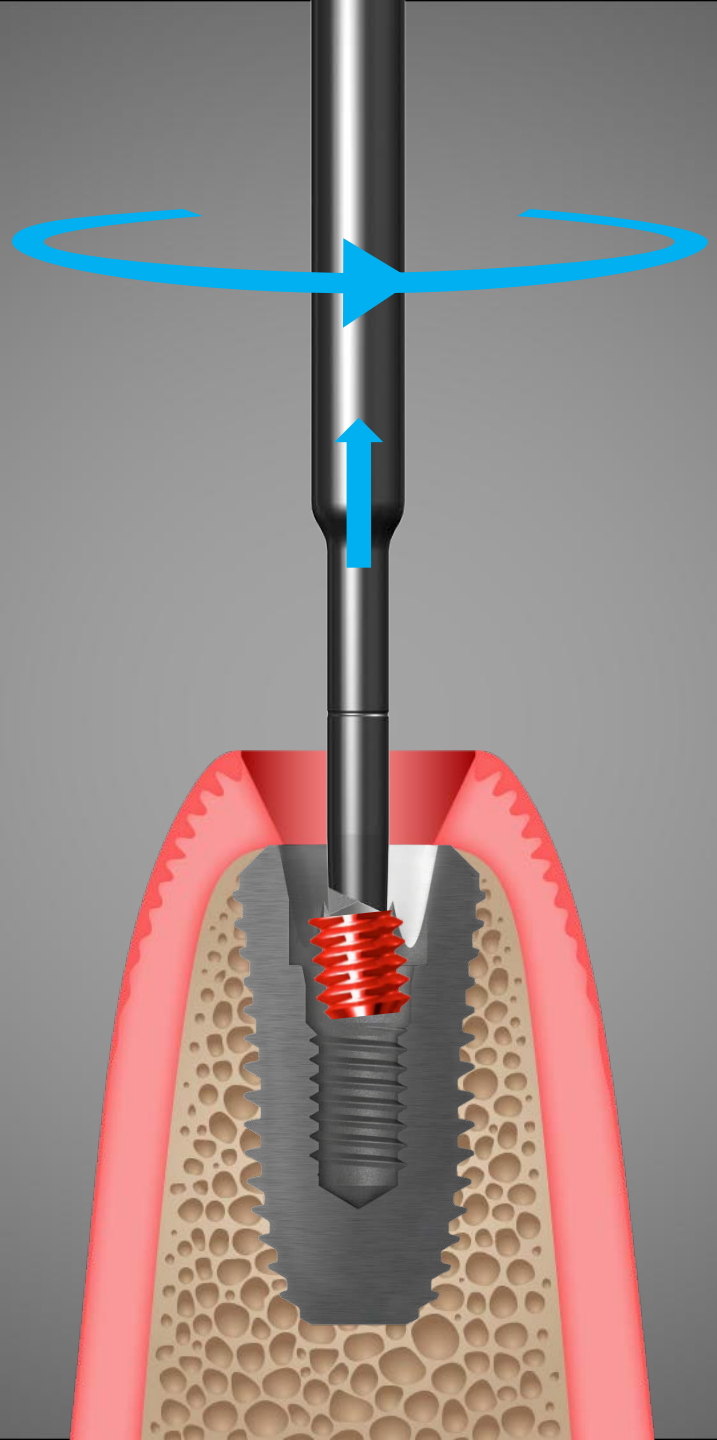

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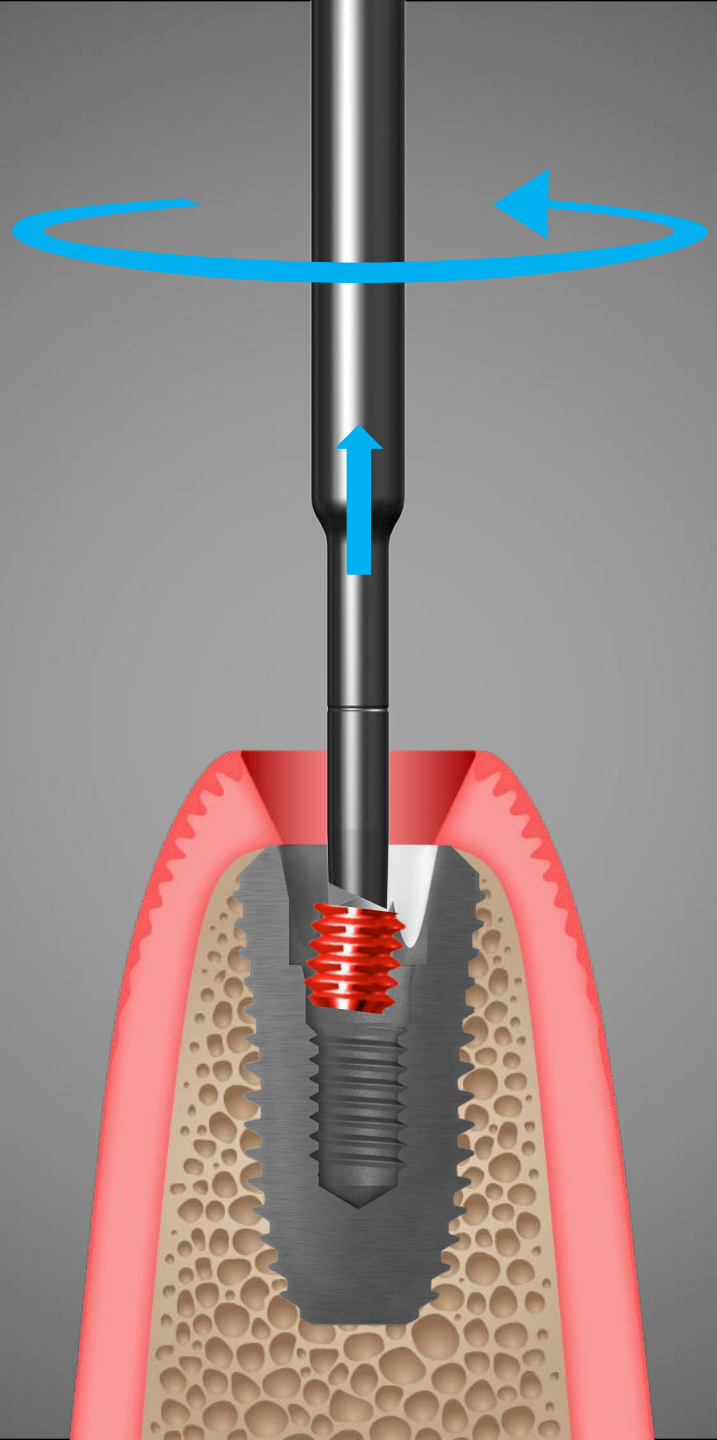

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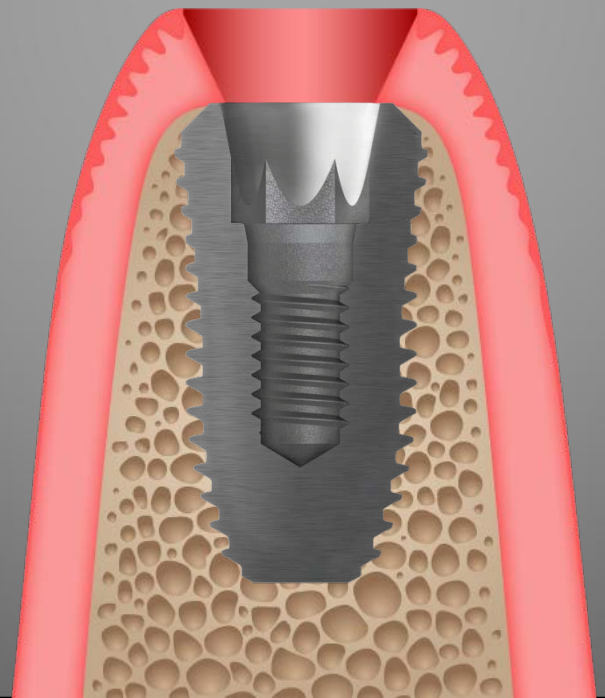

Abutment Hex Remover

[Application]

For removal of remaining hex when the hex portion of an abutment is broken

[Advantages]

Easy to remove the broken hex, as well as protect internal thread of fixture from being damaged

[Usage]

1. Insert the tool into the remaining hex hole of the fixture inside.
2. Assemble ratchet with the tool, and rotate it CW (clockwise) direction to lock the tool tip and the remaining hex.
3. Disengage the ratchet, and remove the remaining hex by rolling the tool carefully. If required, the hole located in the upper side of the tool can be used for applying the crown ejector (not included).

[Caution]

❖ Do not apply overload to the tool.

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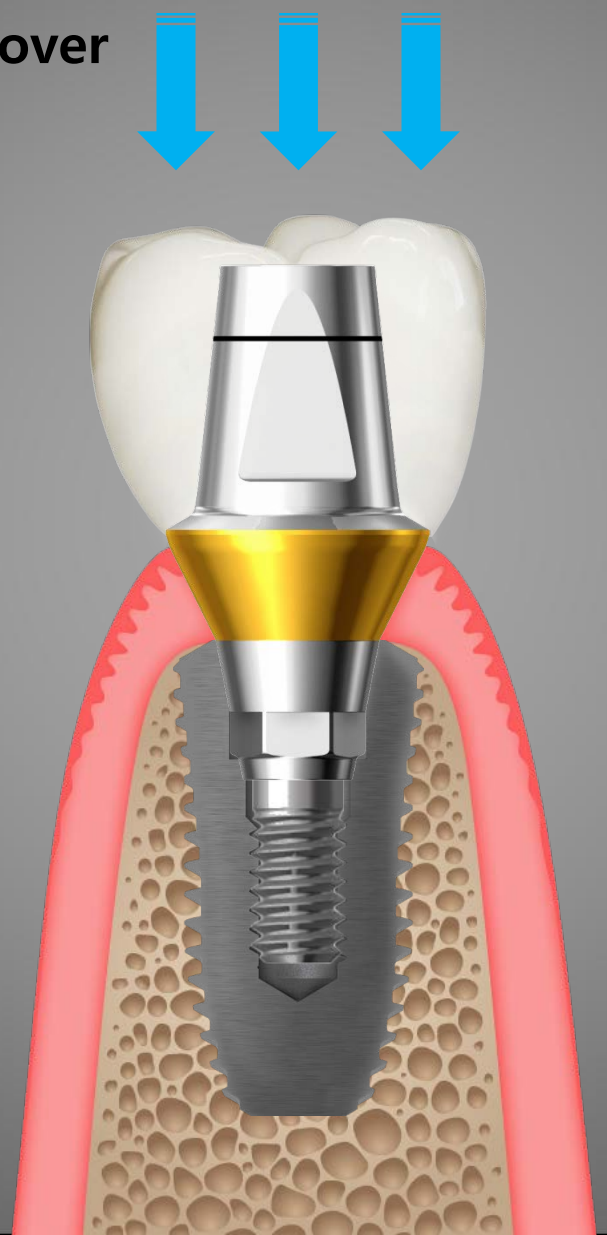
4) Abutment Hex Remover



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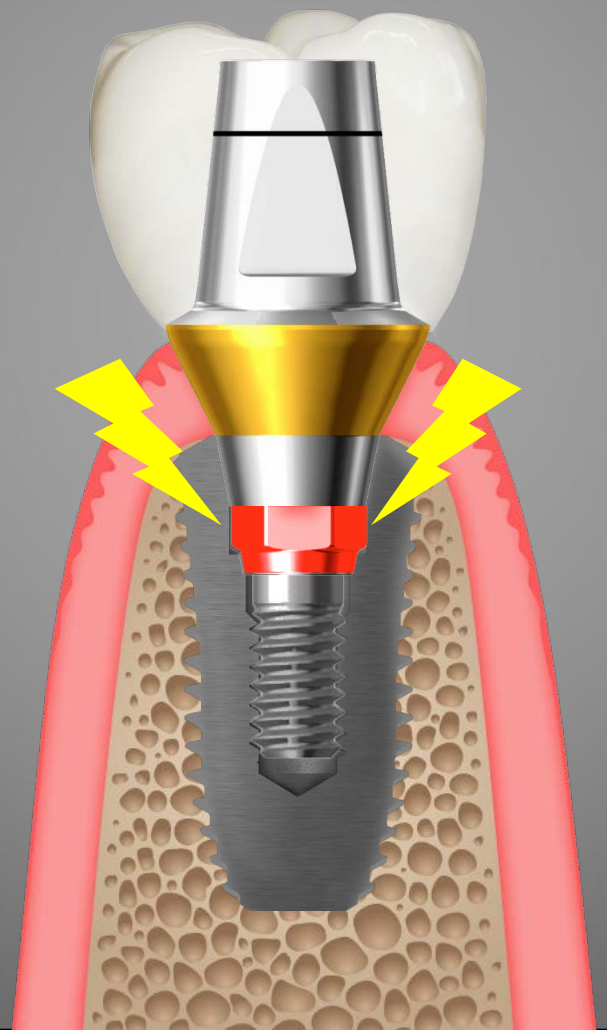

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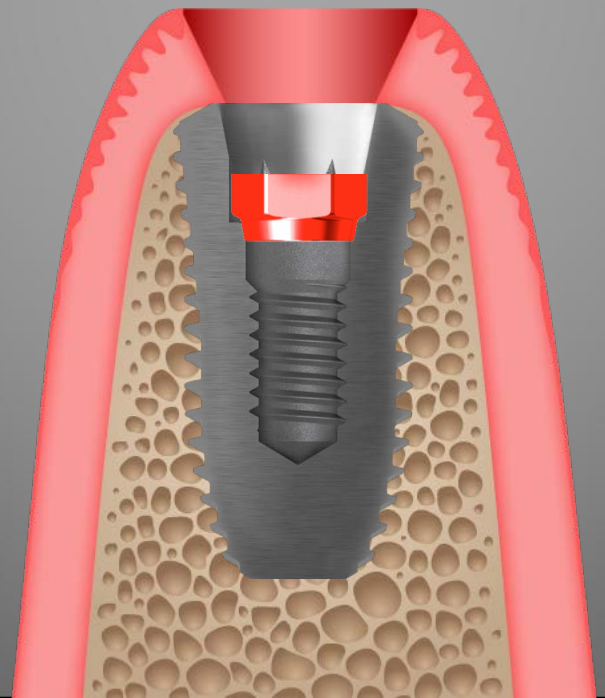

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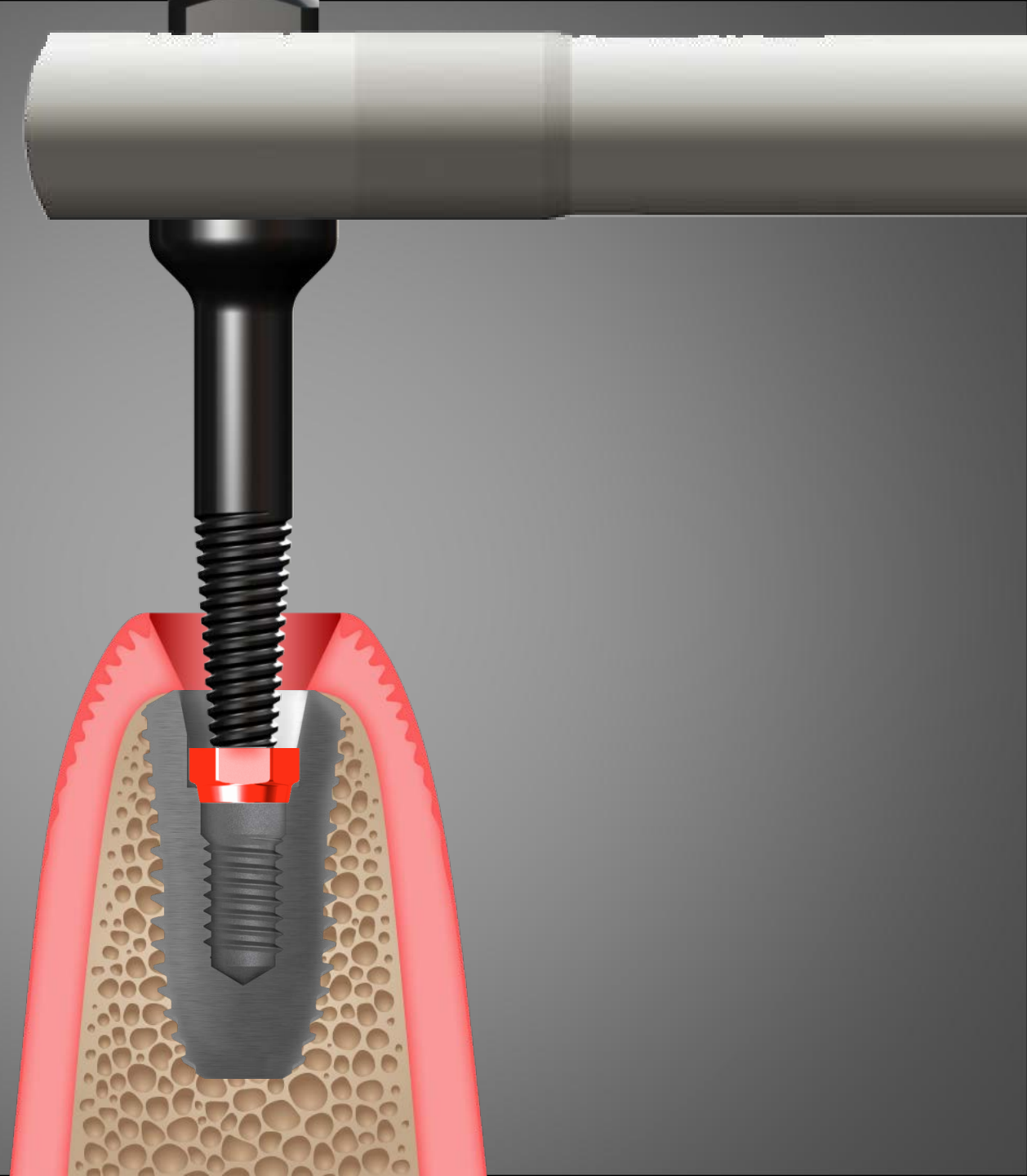

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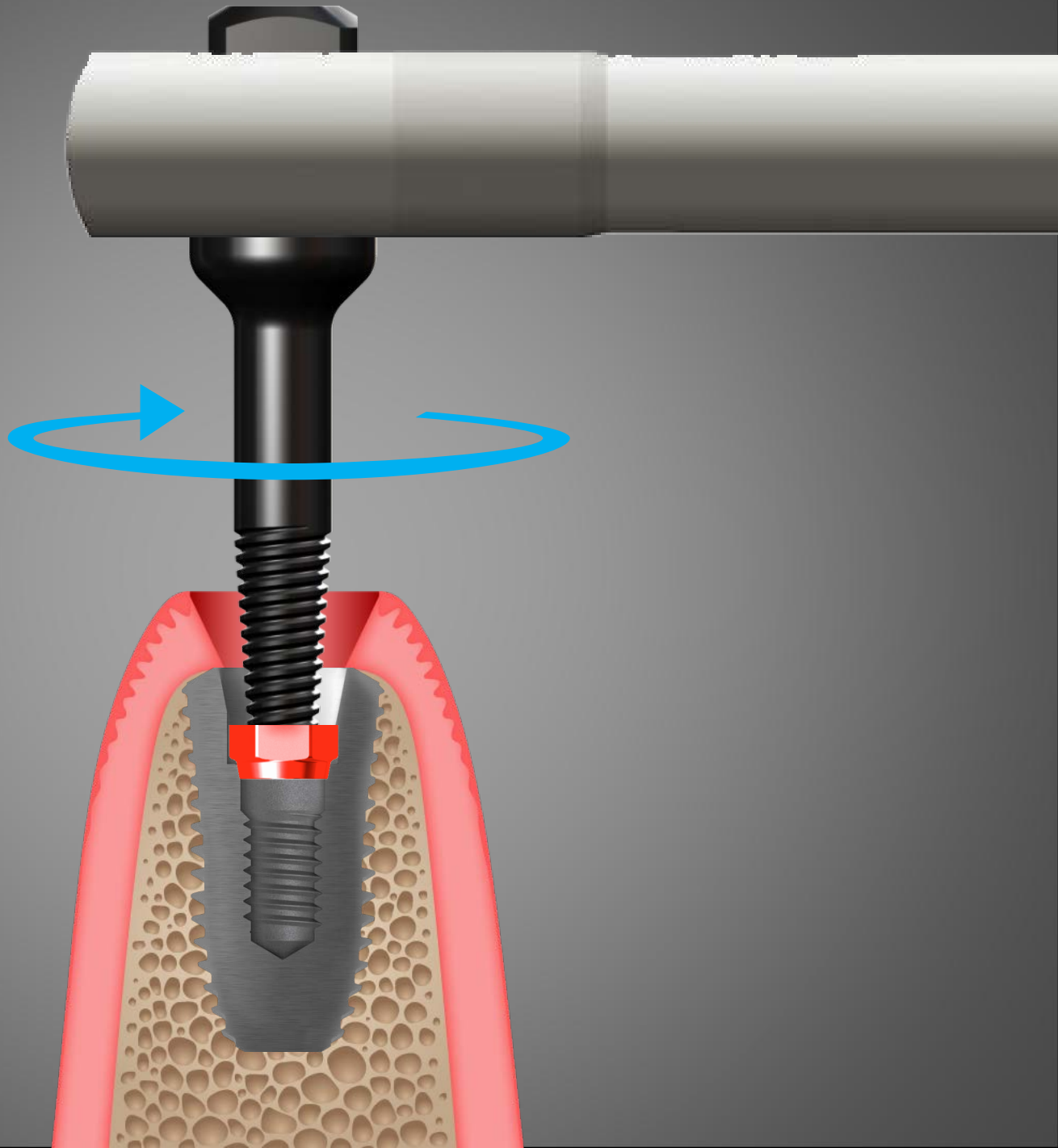

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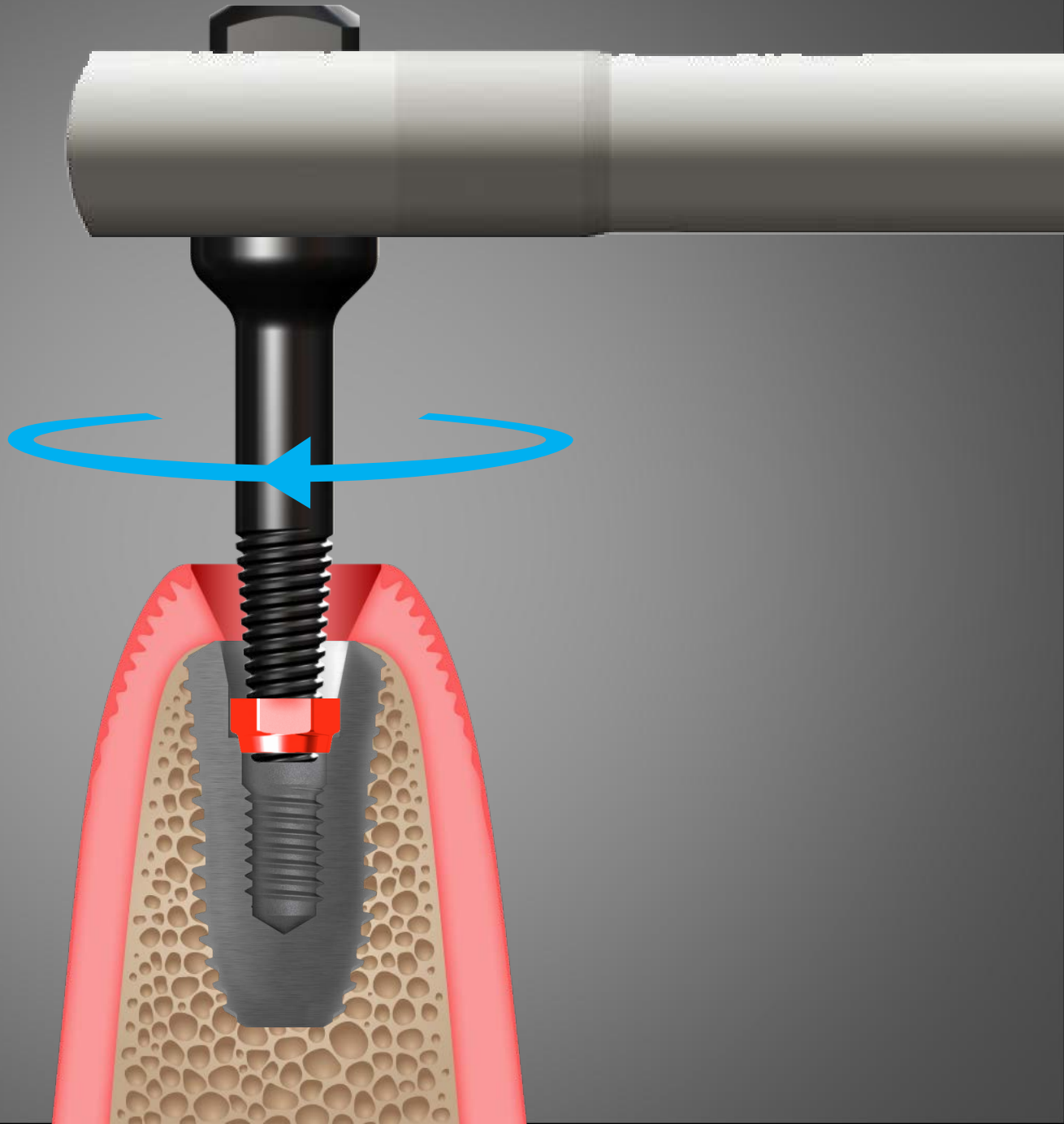

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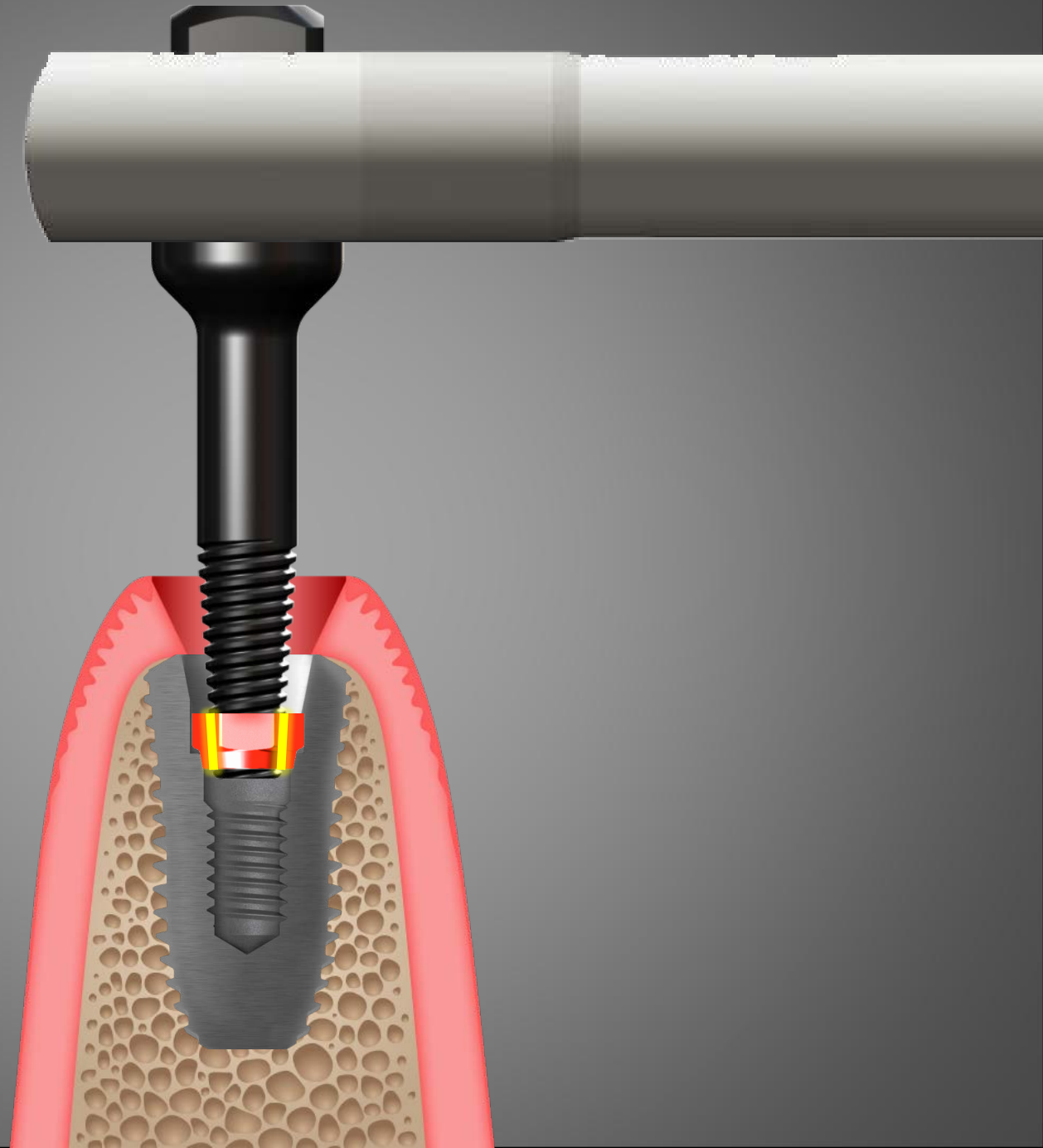

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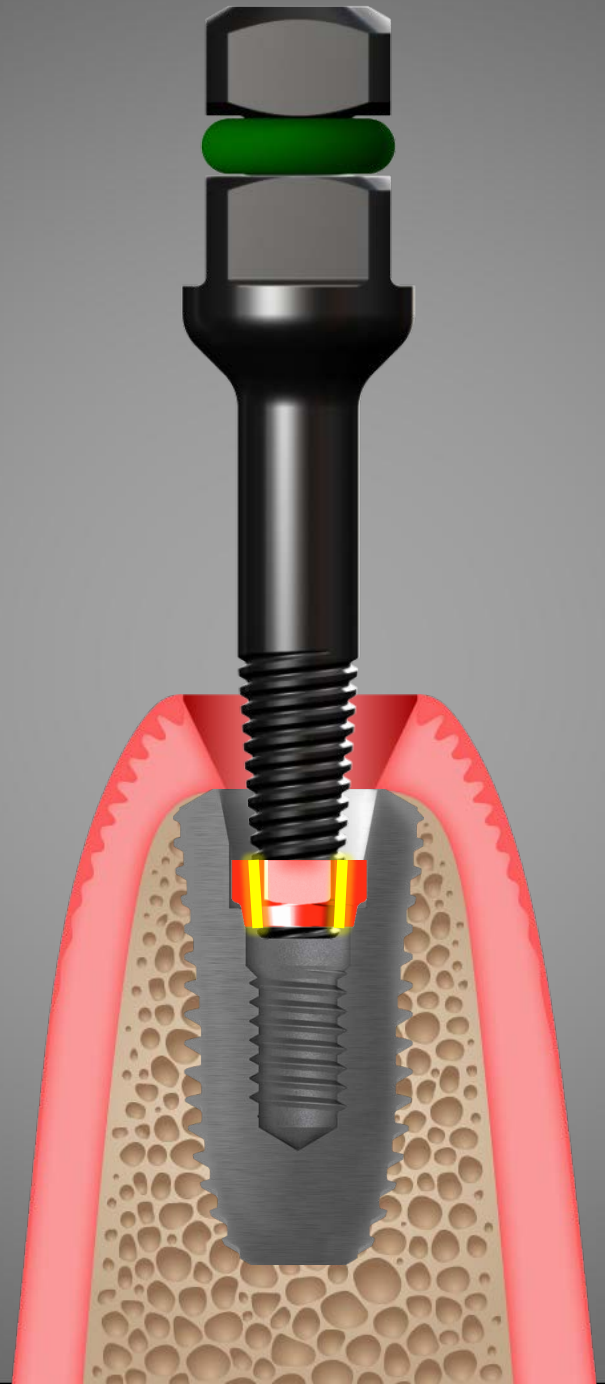

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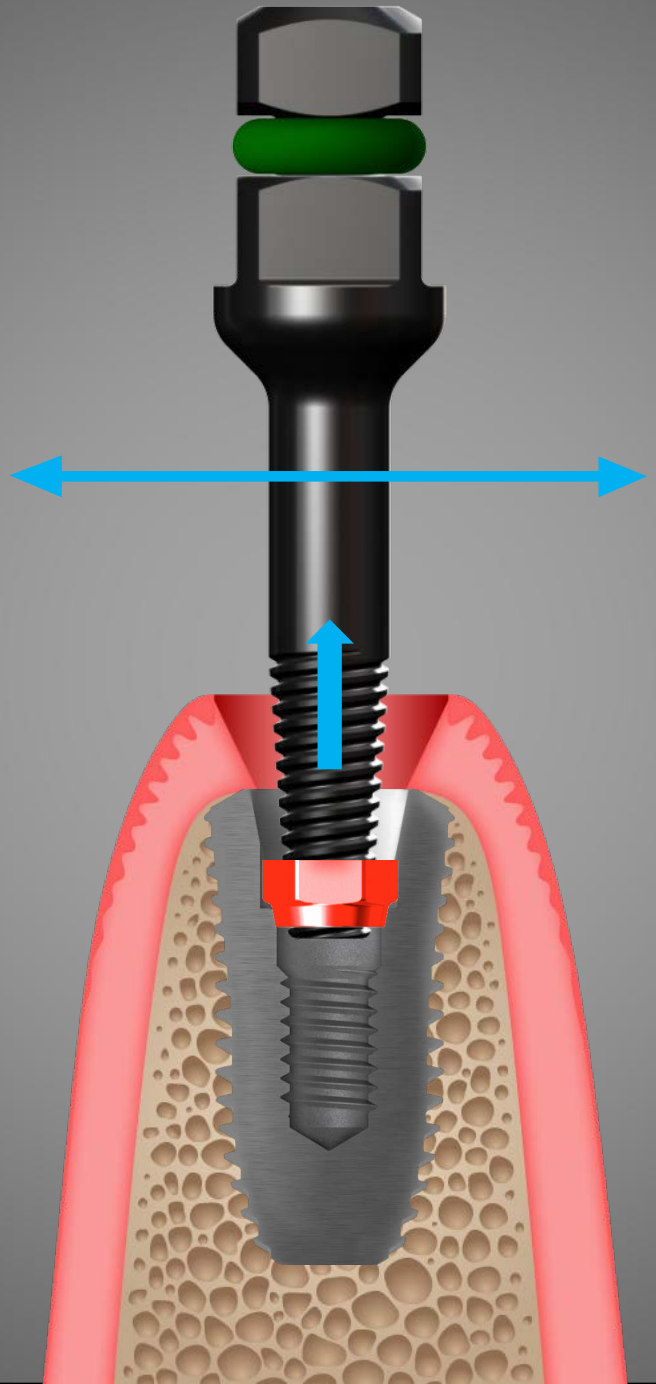

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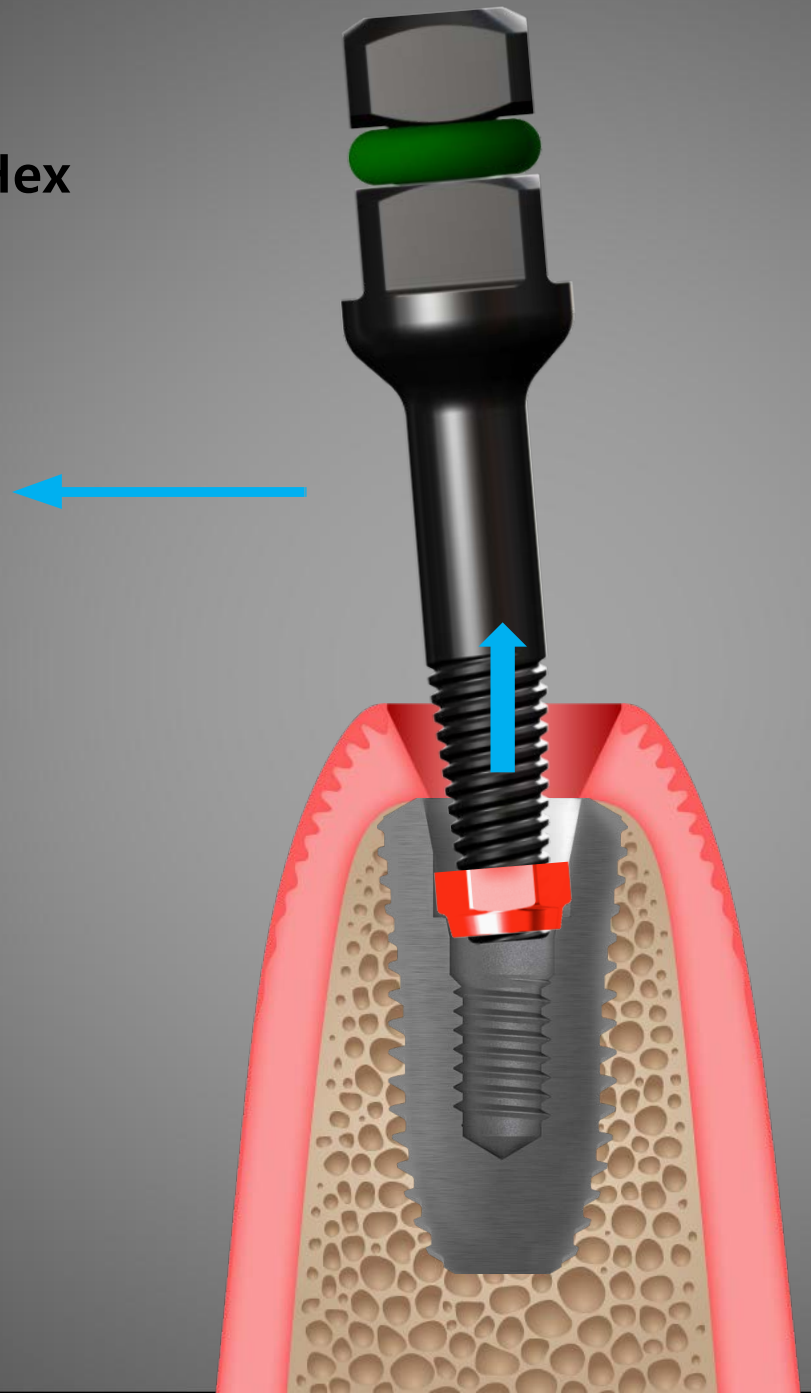

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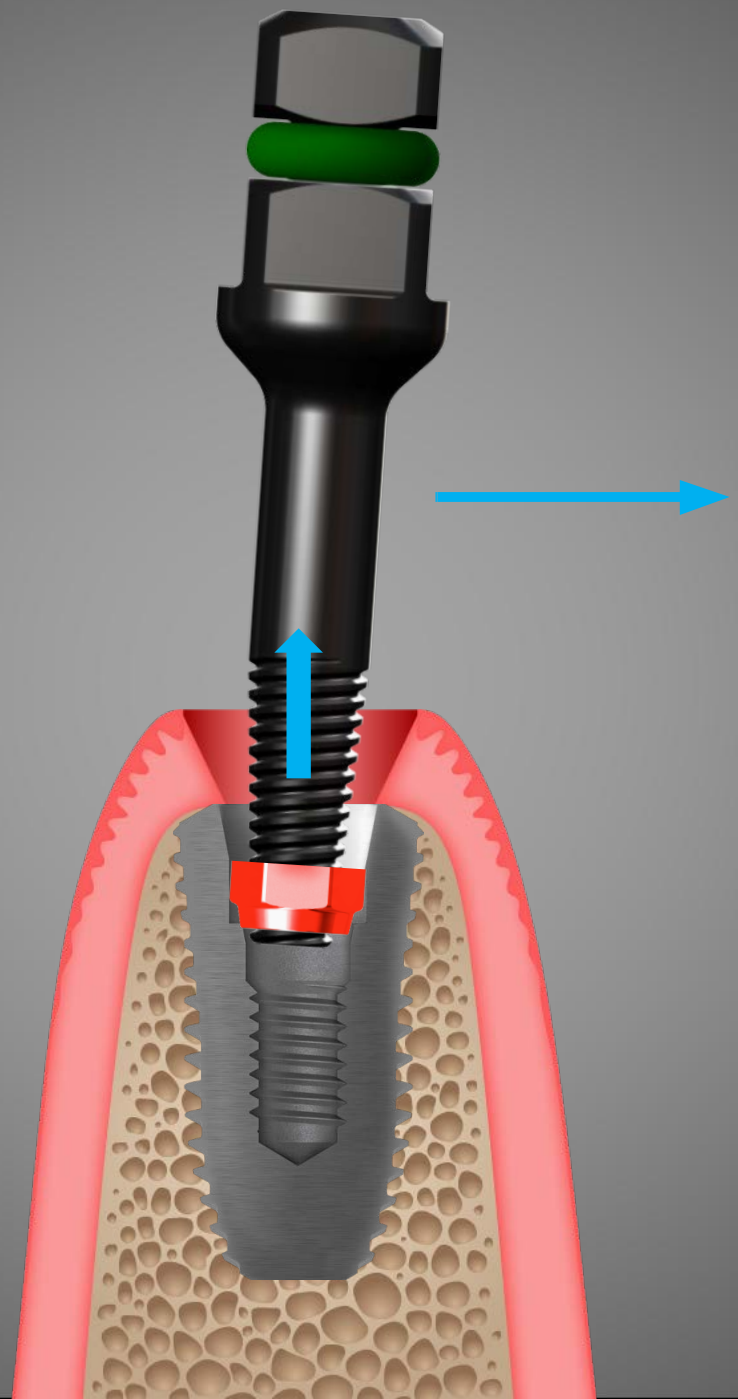

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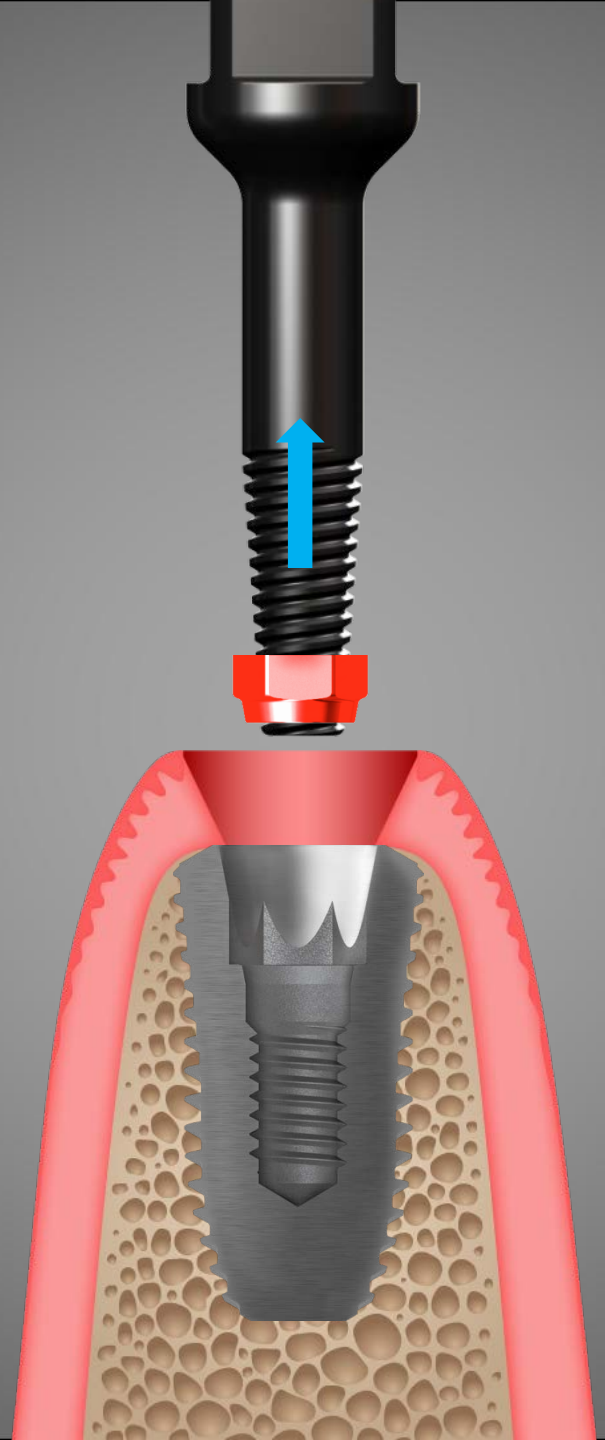

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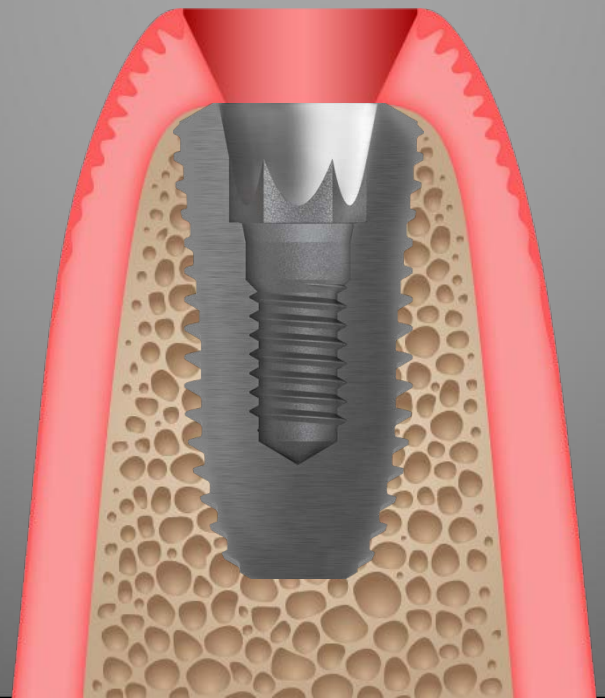
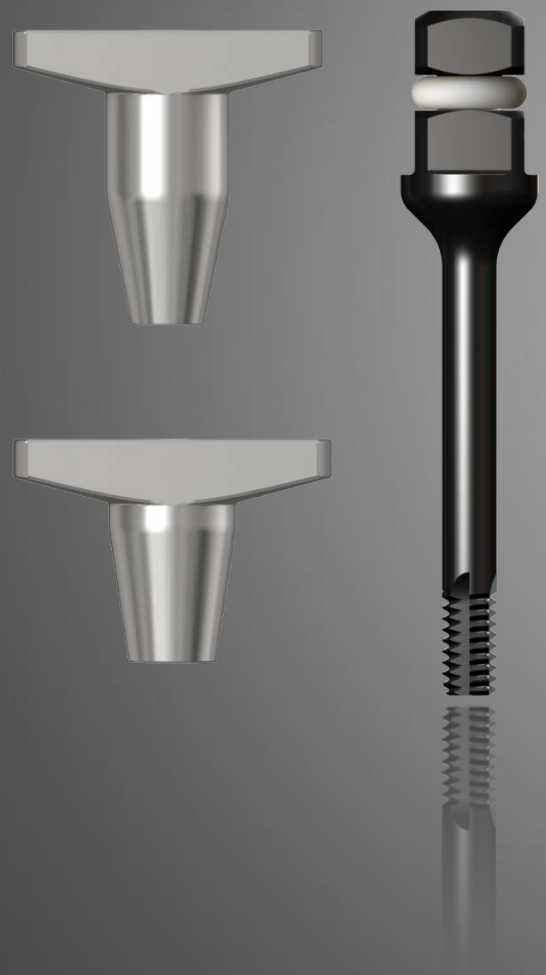


Screw Tap Repair



[Application]

For revival of internal thread of fixture when it is damaged

[Advantages]

Easy to recreate internal thread in straight angle thanks to the Guide with different angle(8 °, 11°) according to the fixtures

[Usage]

1. Put the Guide with proper degree on fixture.
2. Assemble the tap tool with ratchet.
3. Start tapping using the tap tool with appropriate torque.
4. If overloaded, stop tapping and remove particles using suction.
5. Repeat the process of above 3 and 4 until completed.

[Caution]

- ❖ Do not apply excessive torque to the tap tool.
- ❖ It is highly recommended to use ratchet after the tool bites the thread.

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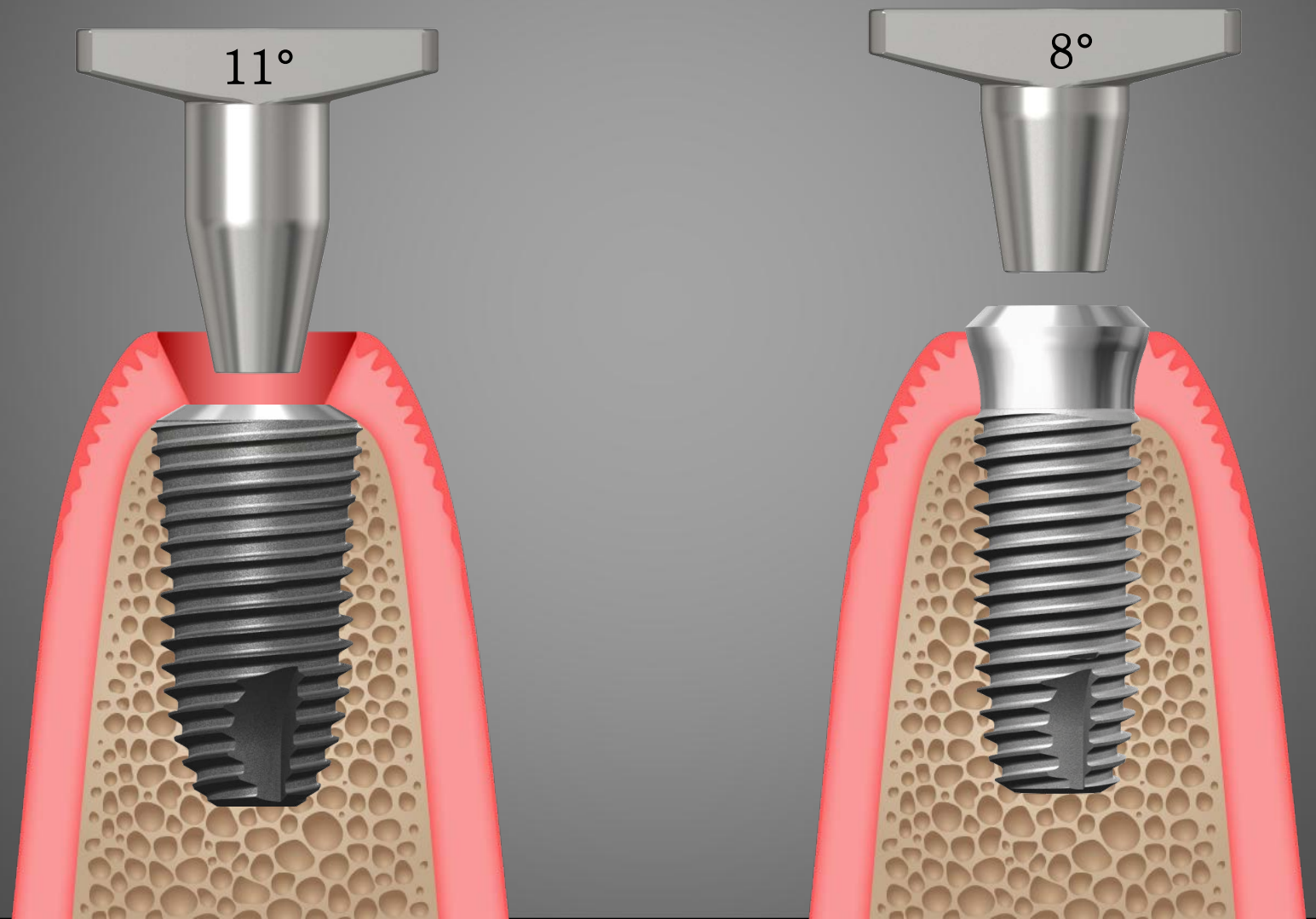
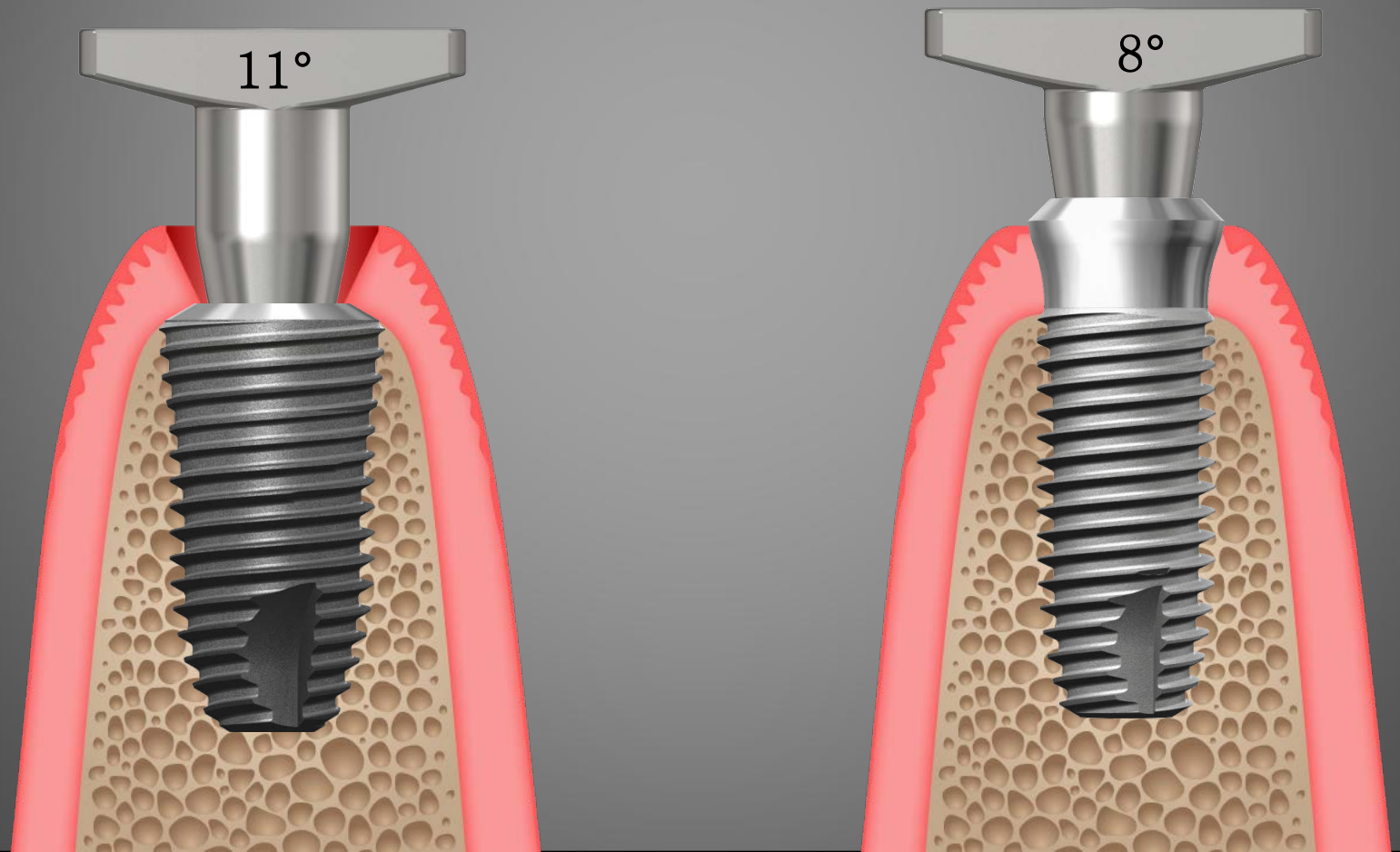
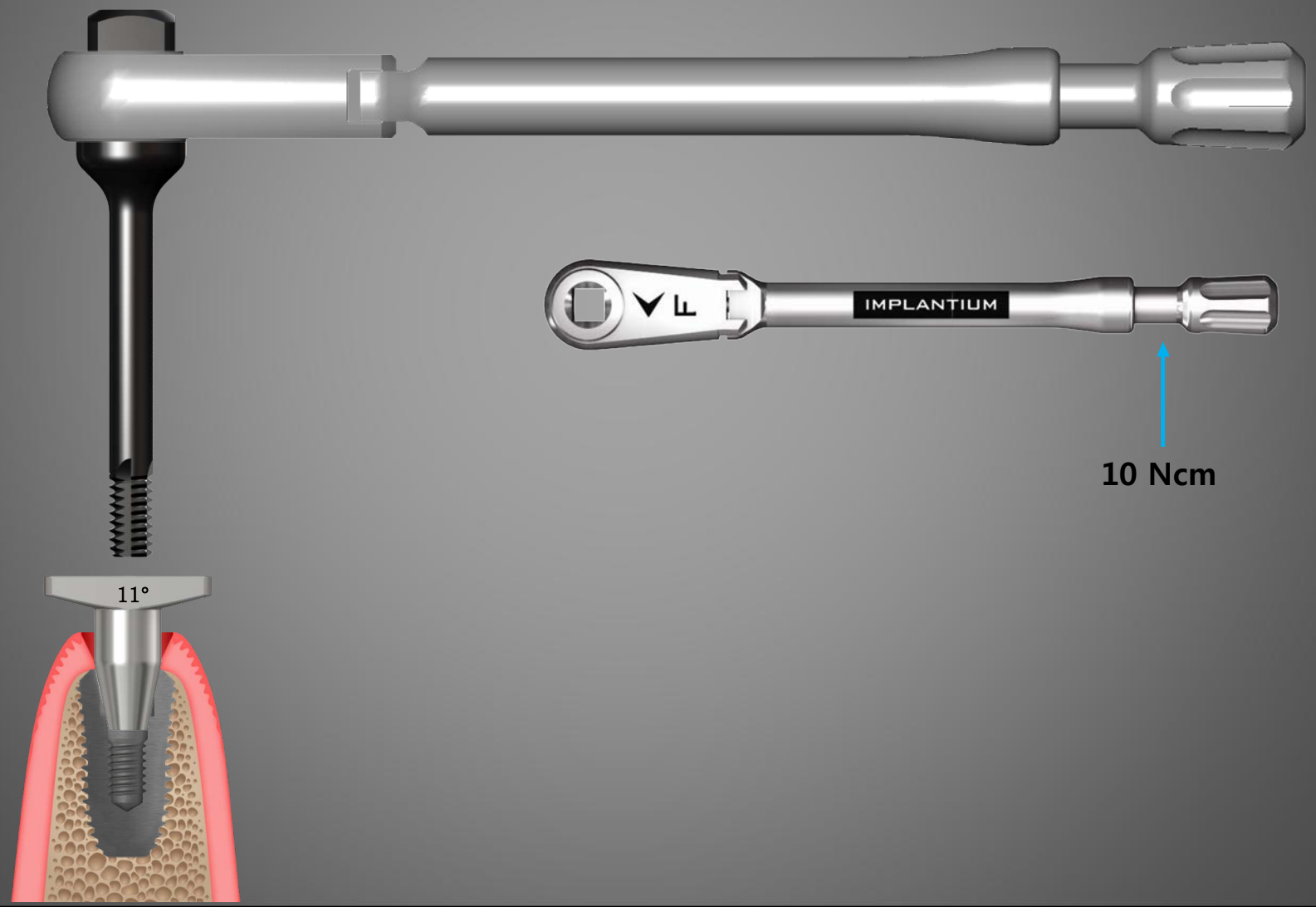
5) Screw Tap Repair



5) Screw Tap Repair



5) Screw Tap Repair



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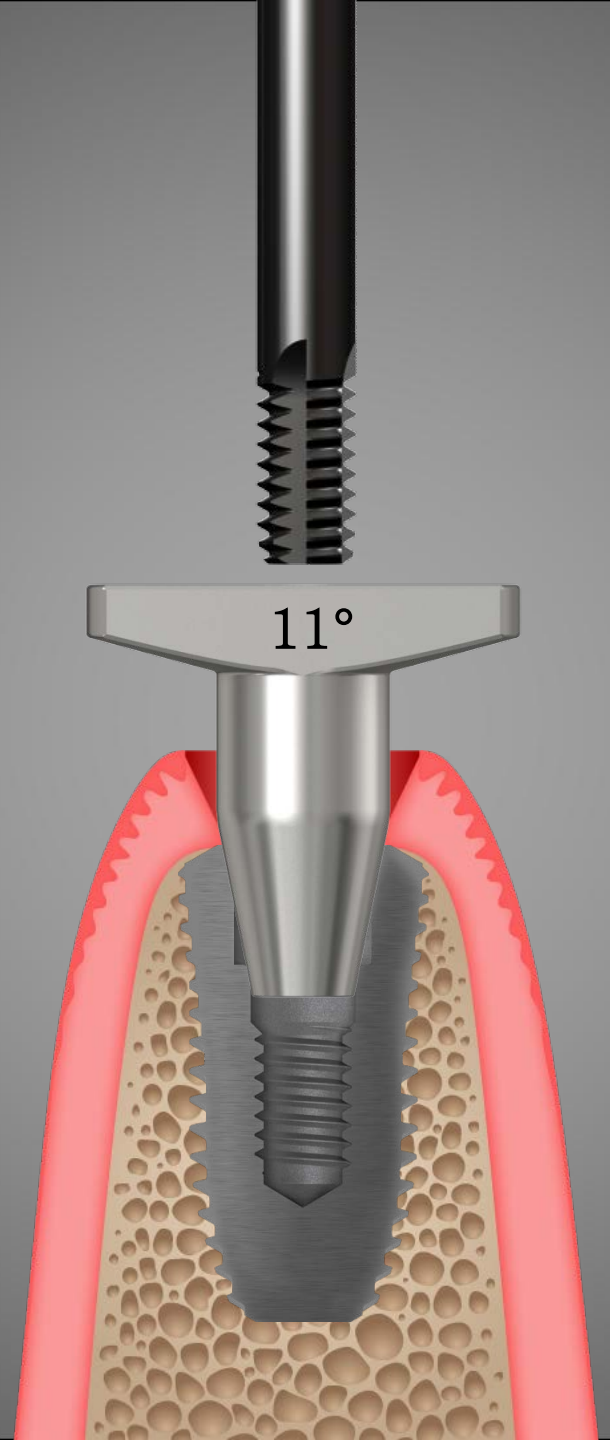
5) Screw Tap Repair



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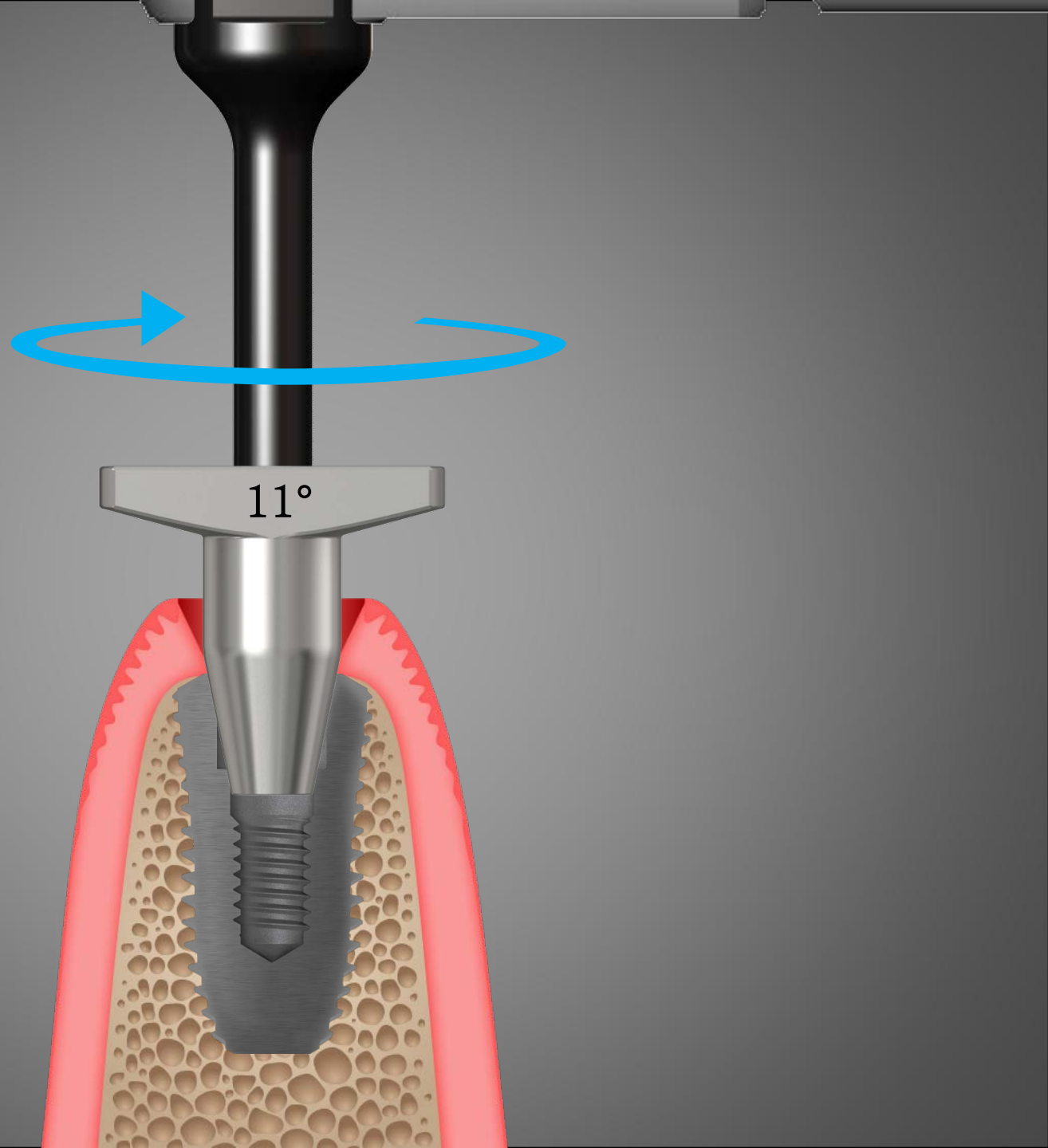
5) Screw Tap Repair



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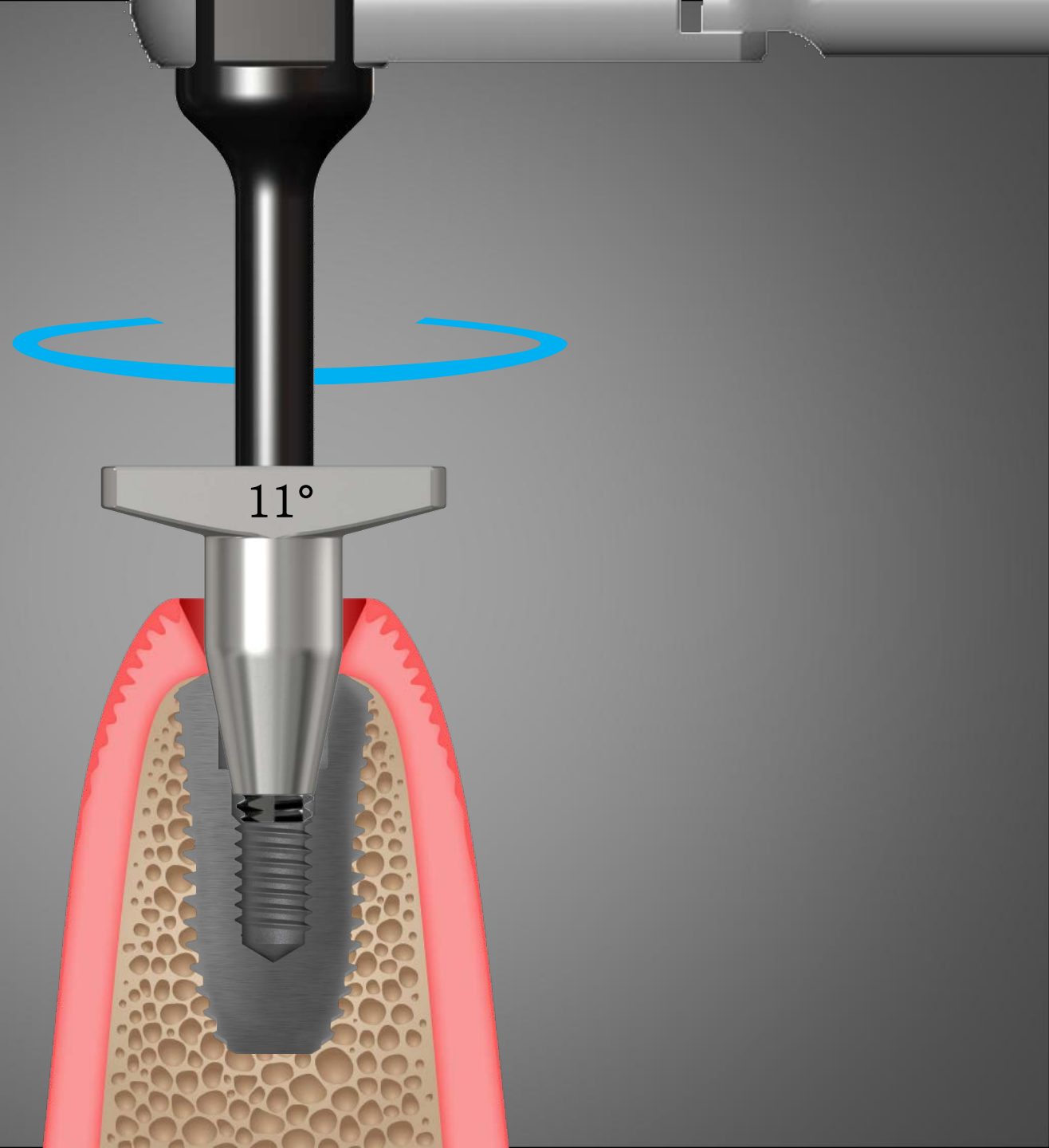
5) Screw Tap Repair



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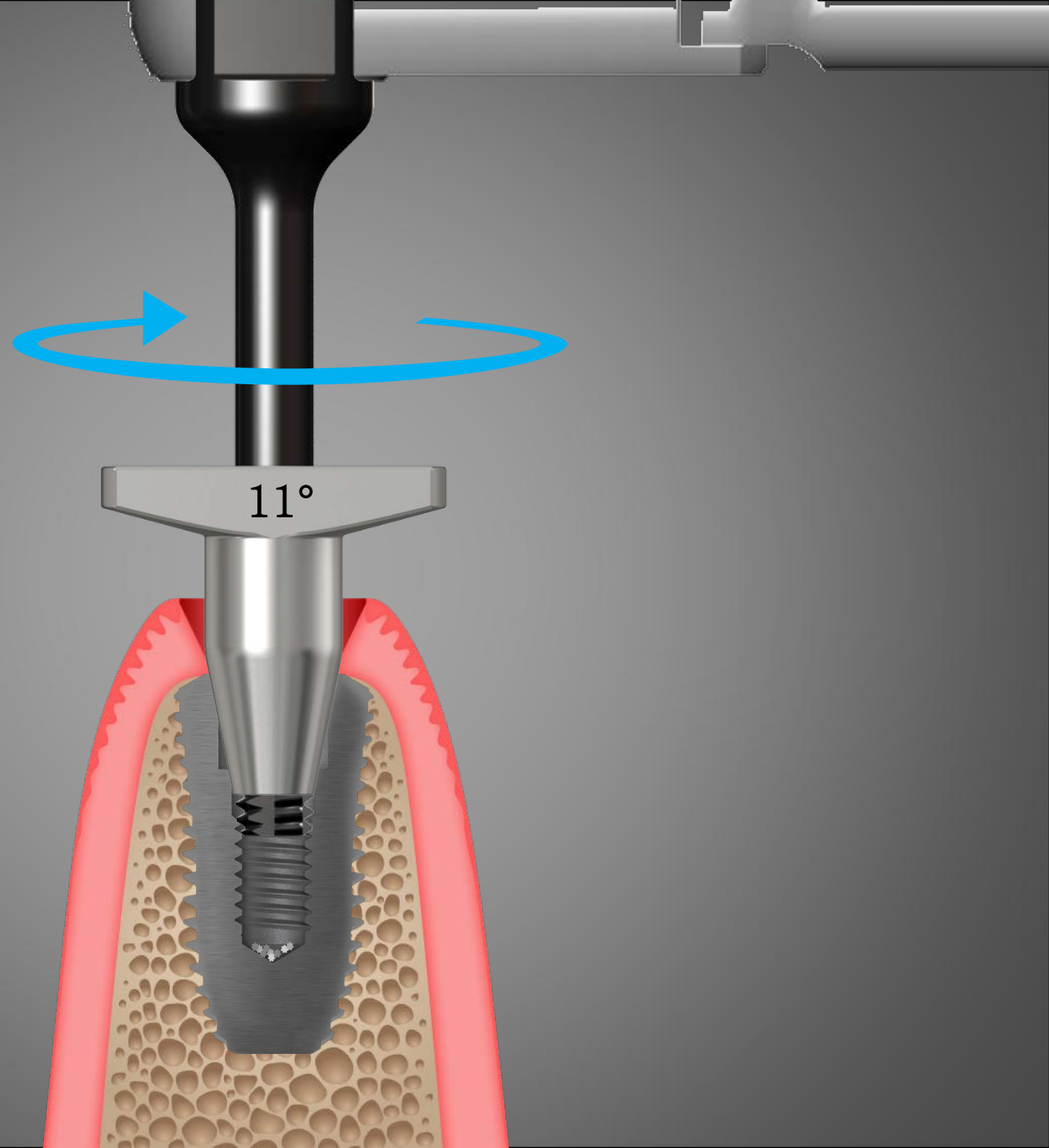

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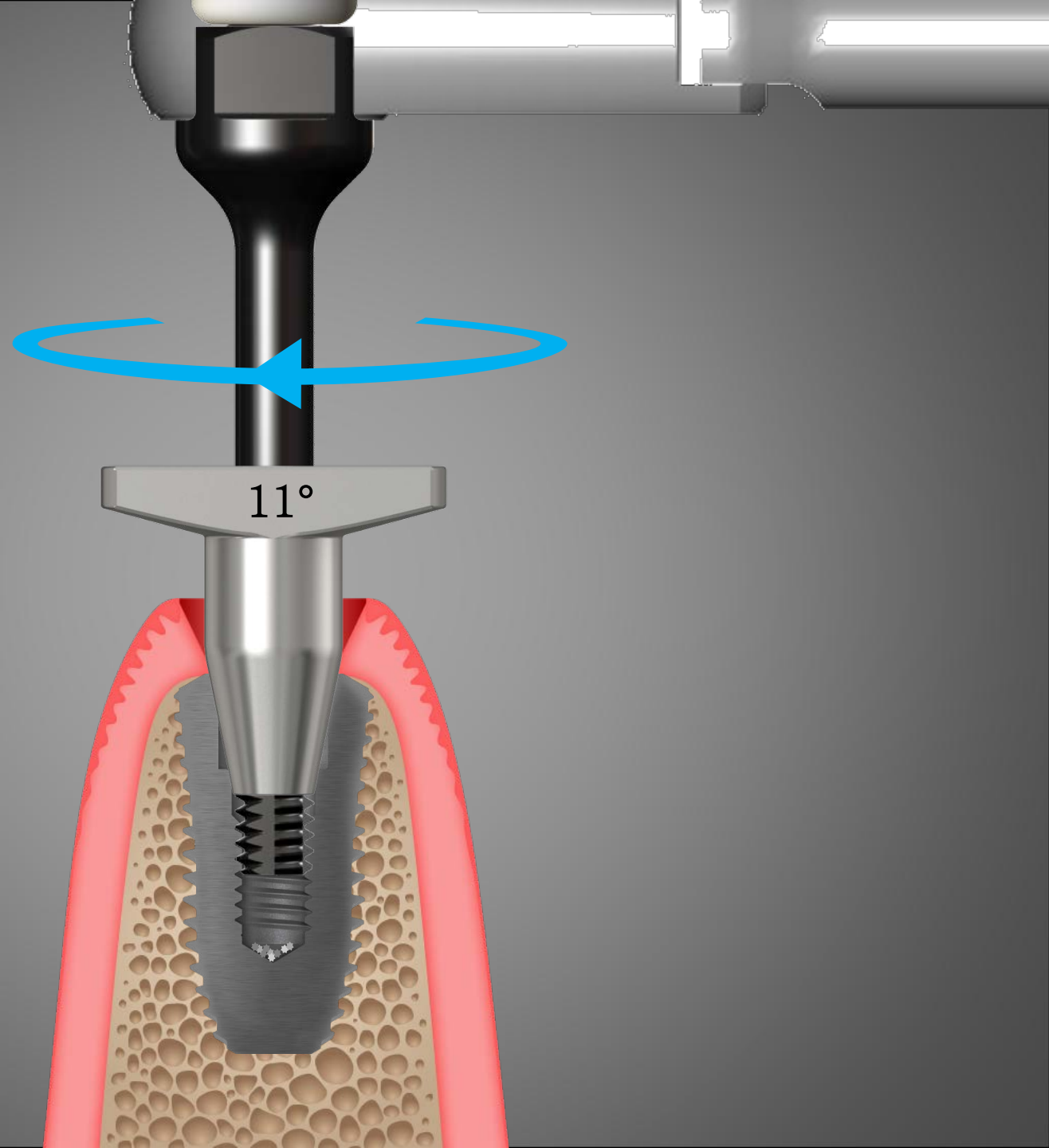

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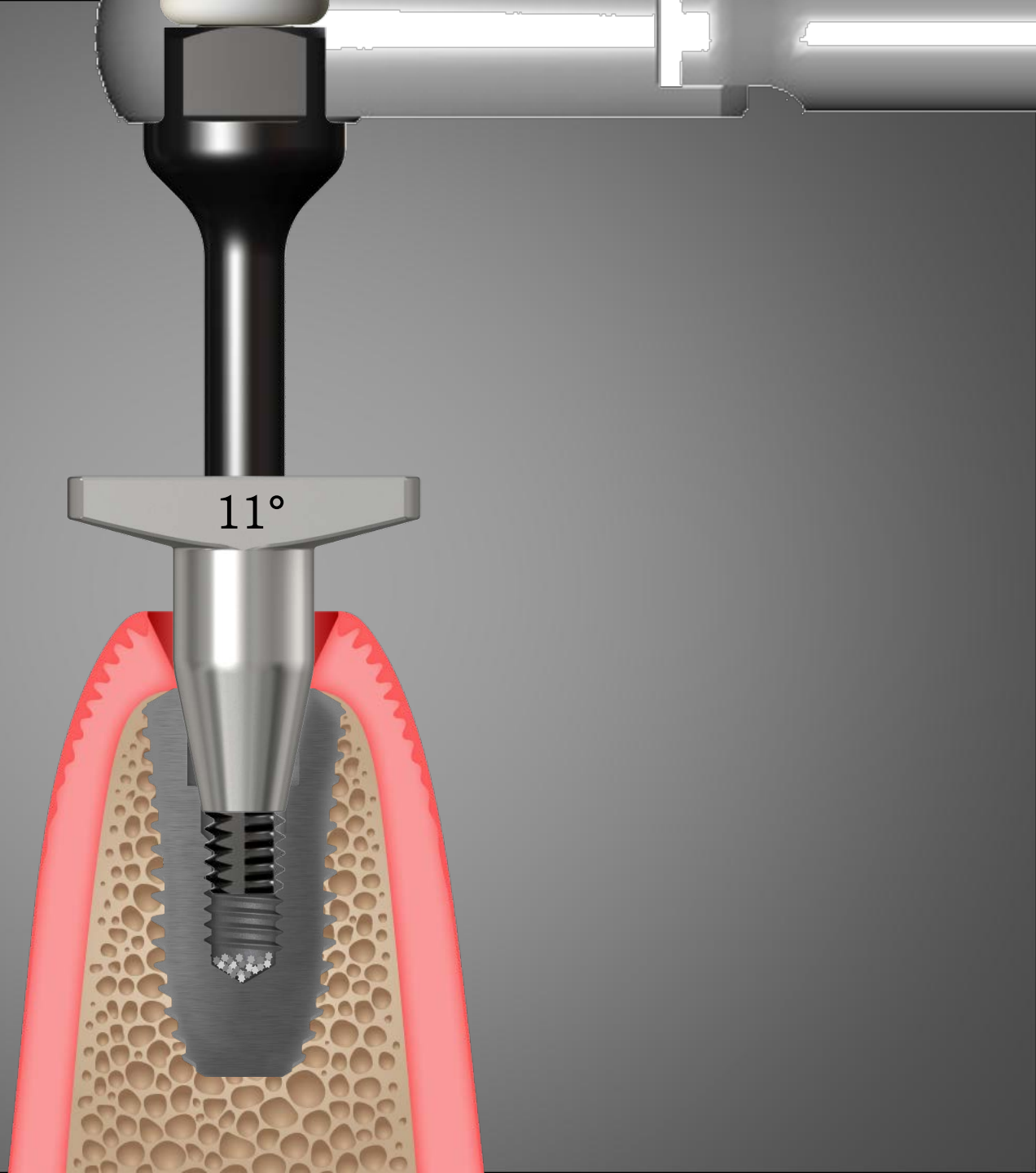

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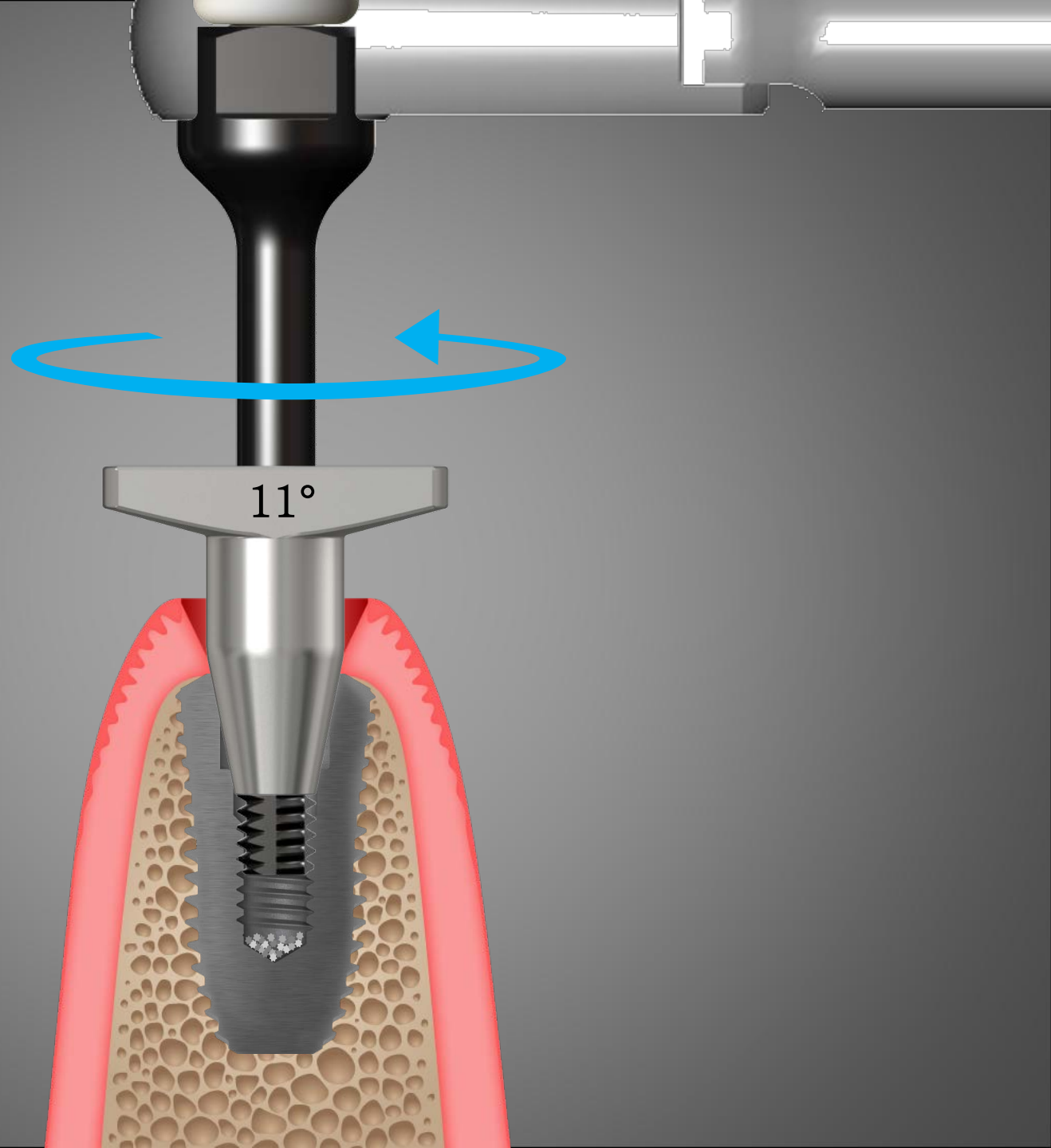

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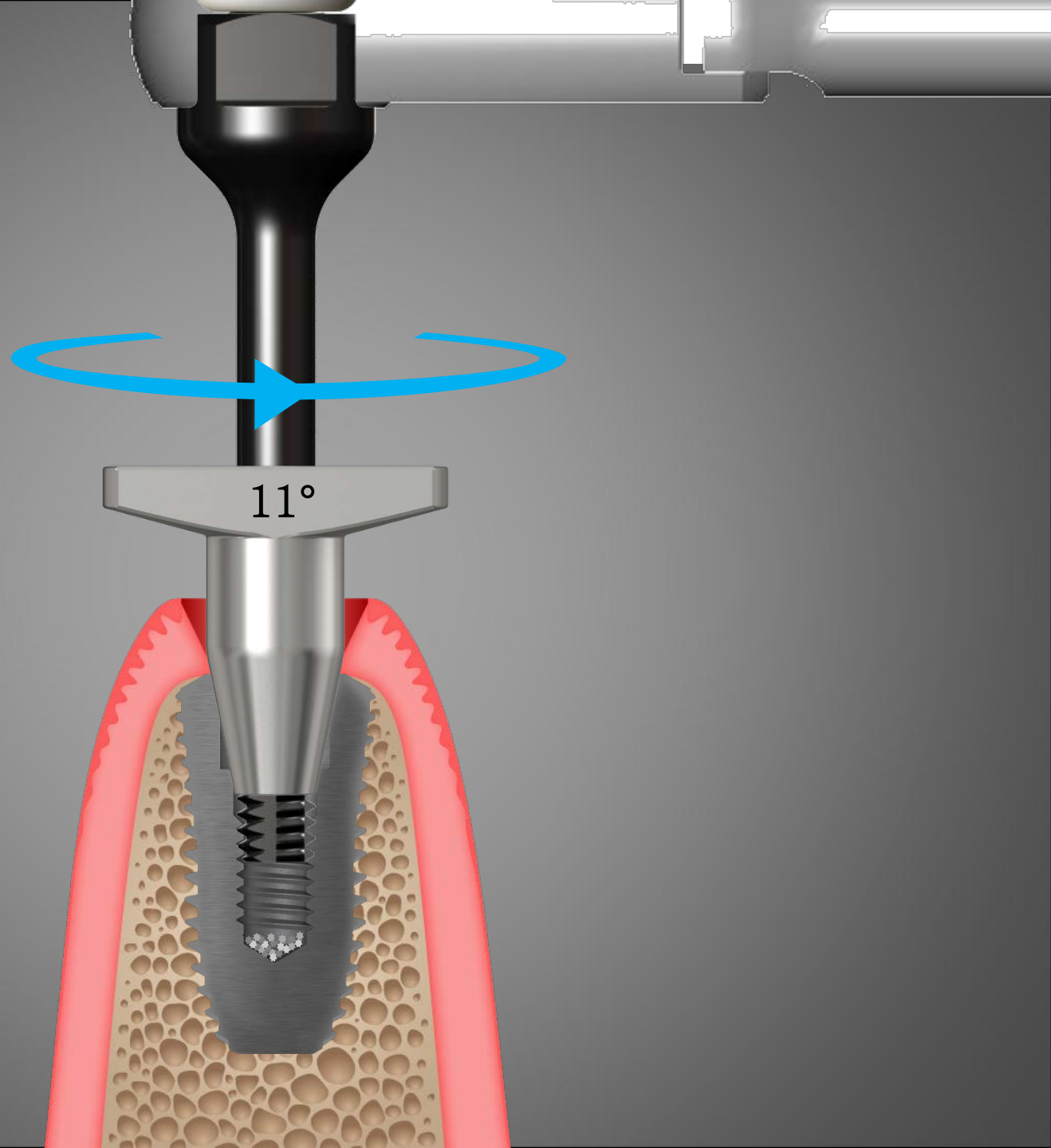

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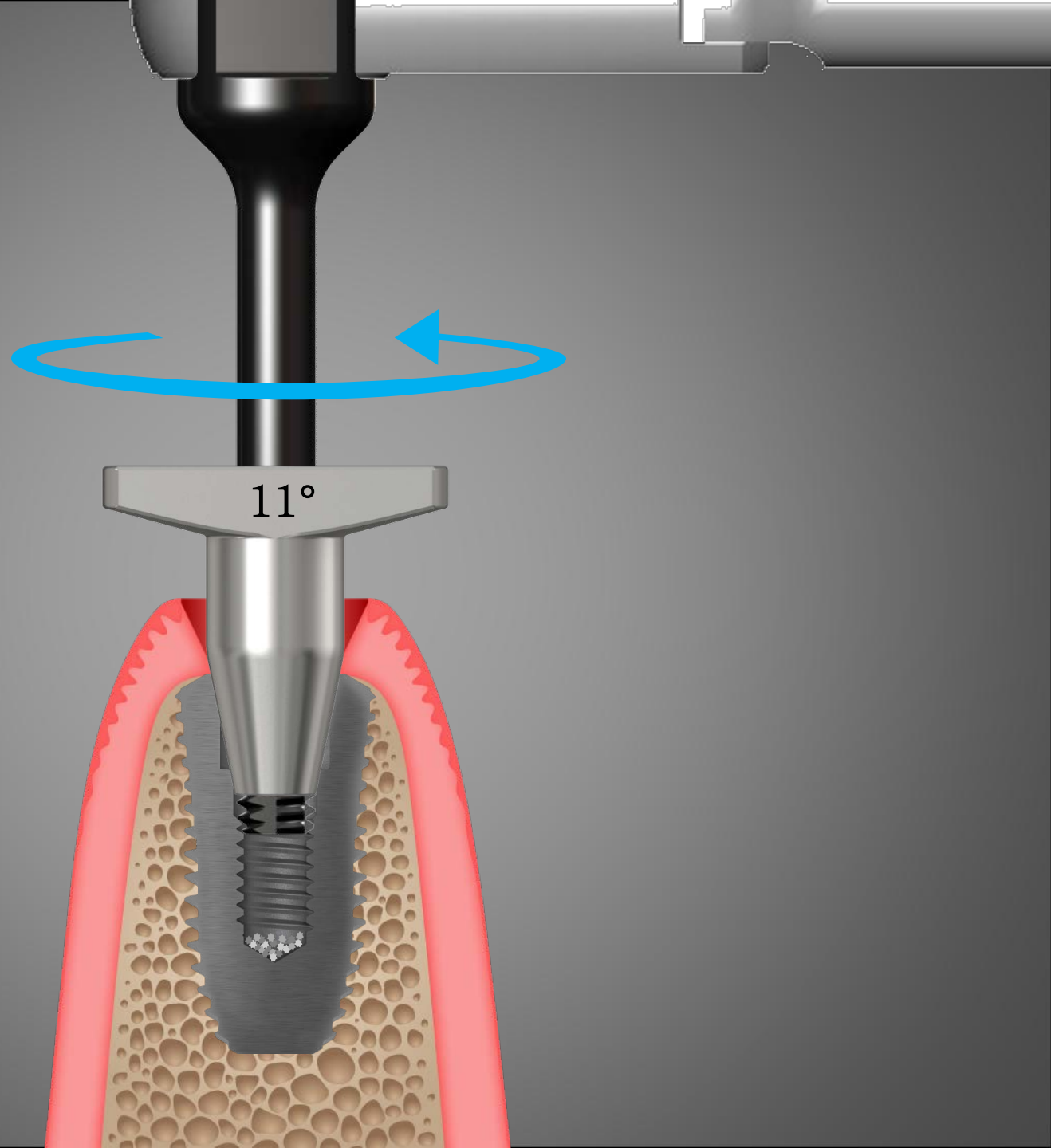

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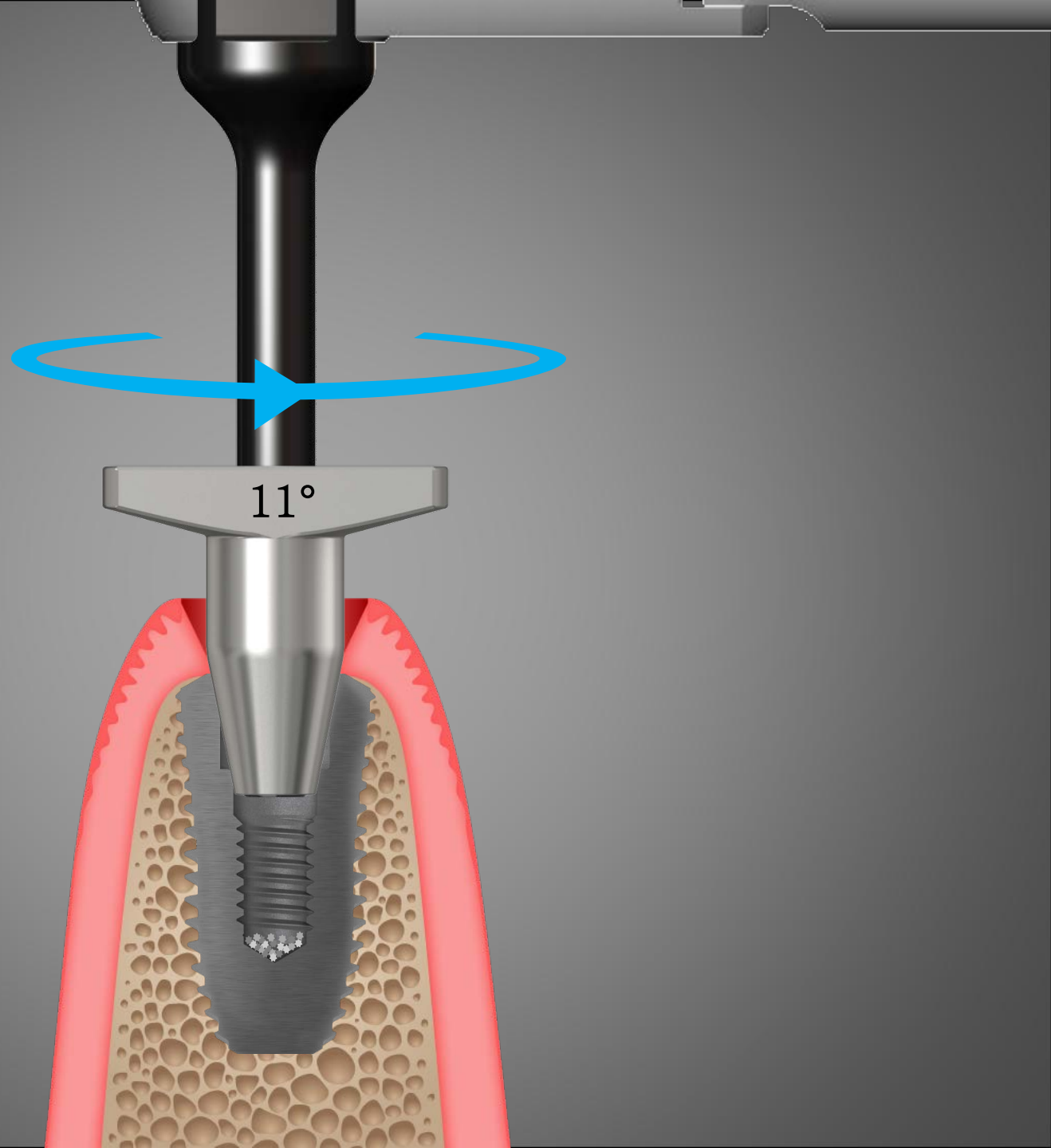

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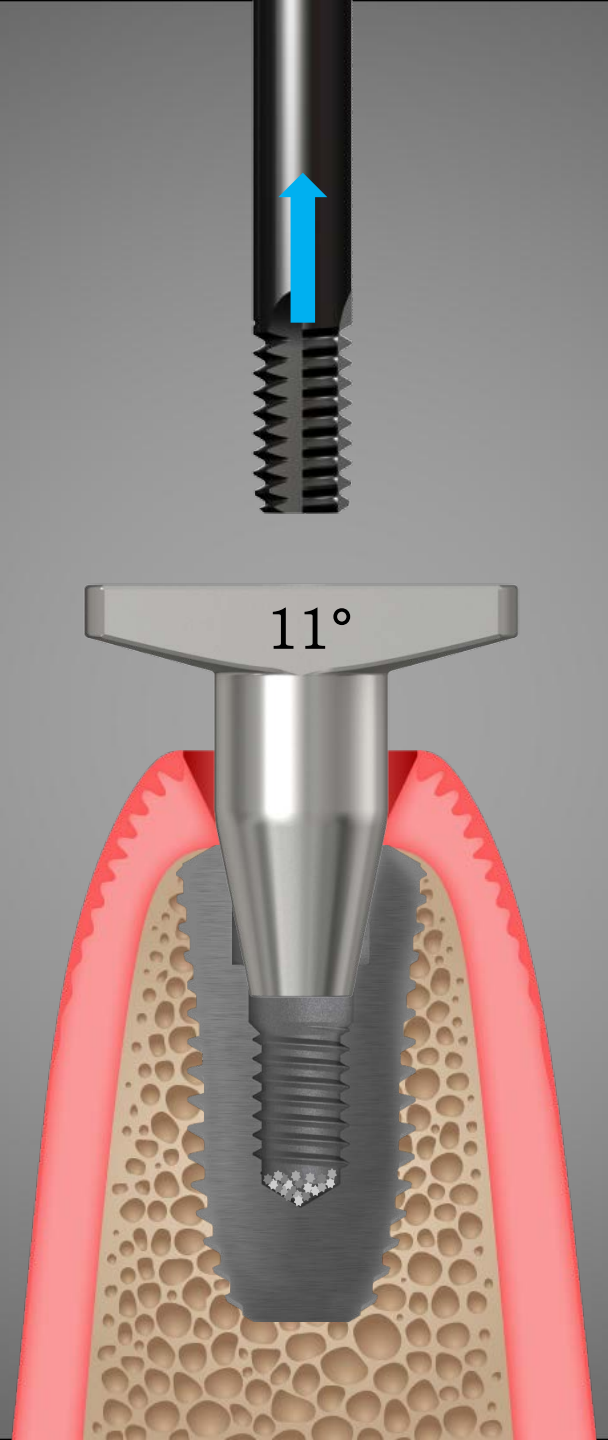

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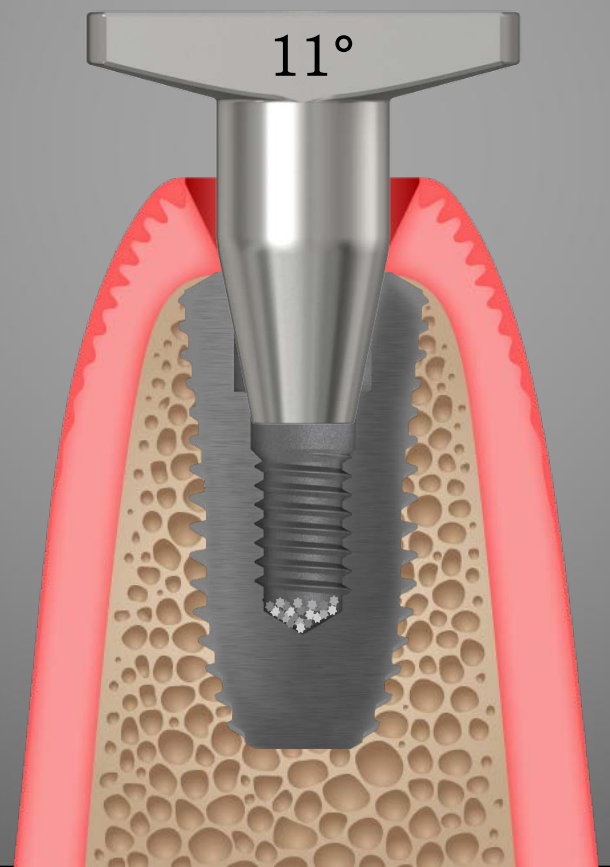

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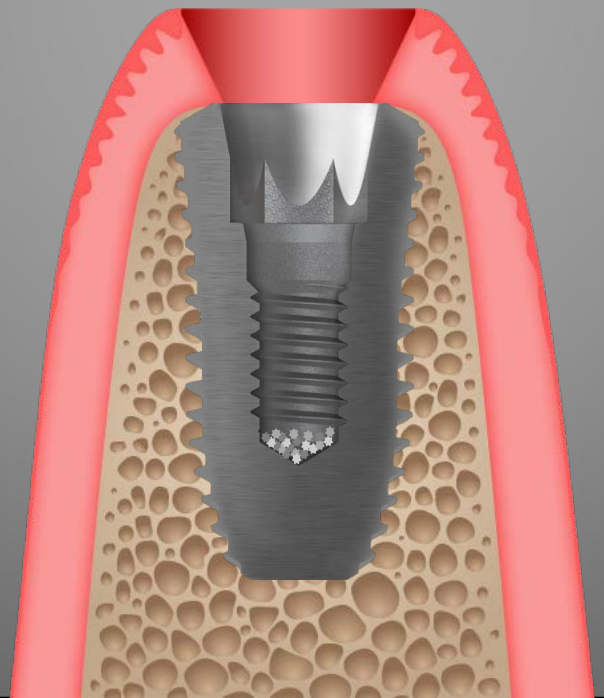

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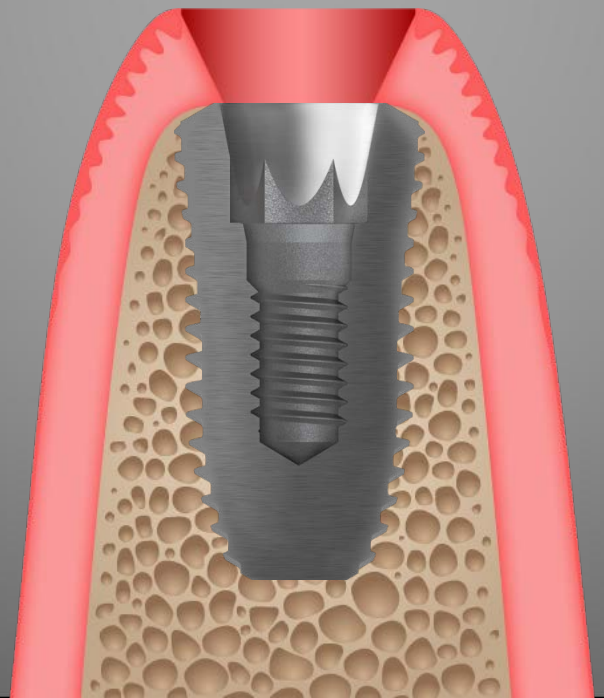

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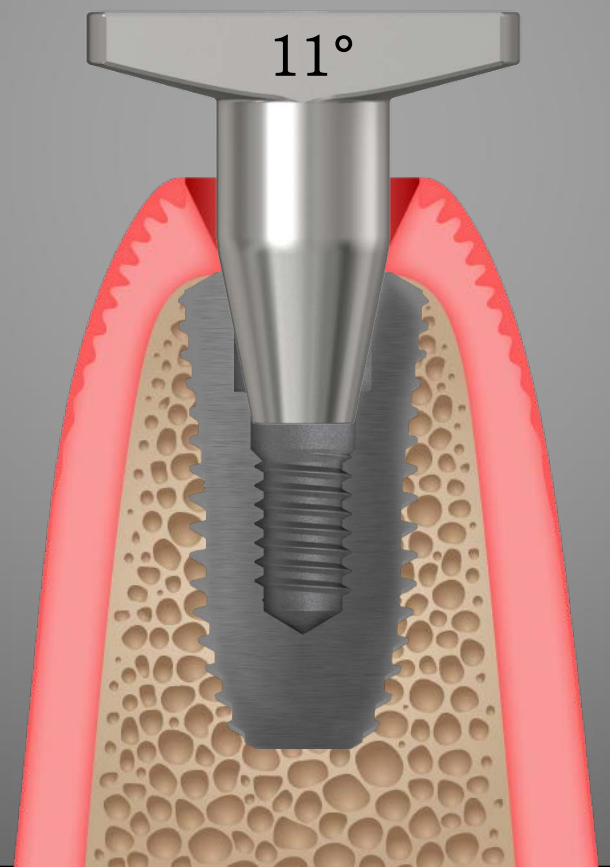

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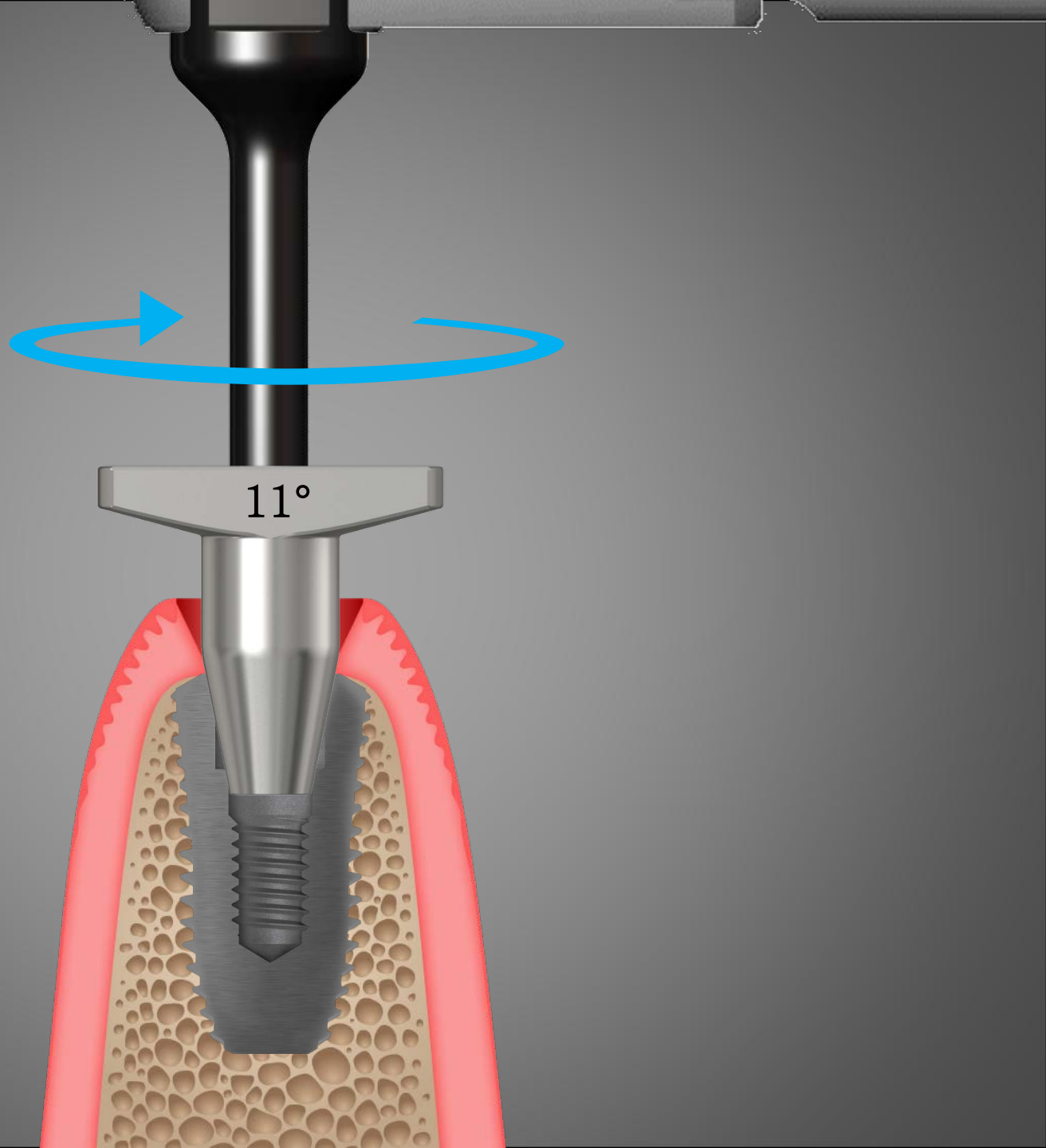

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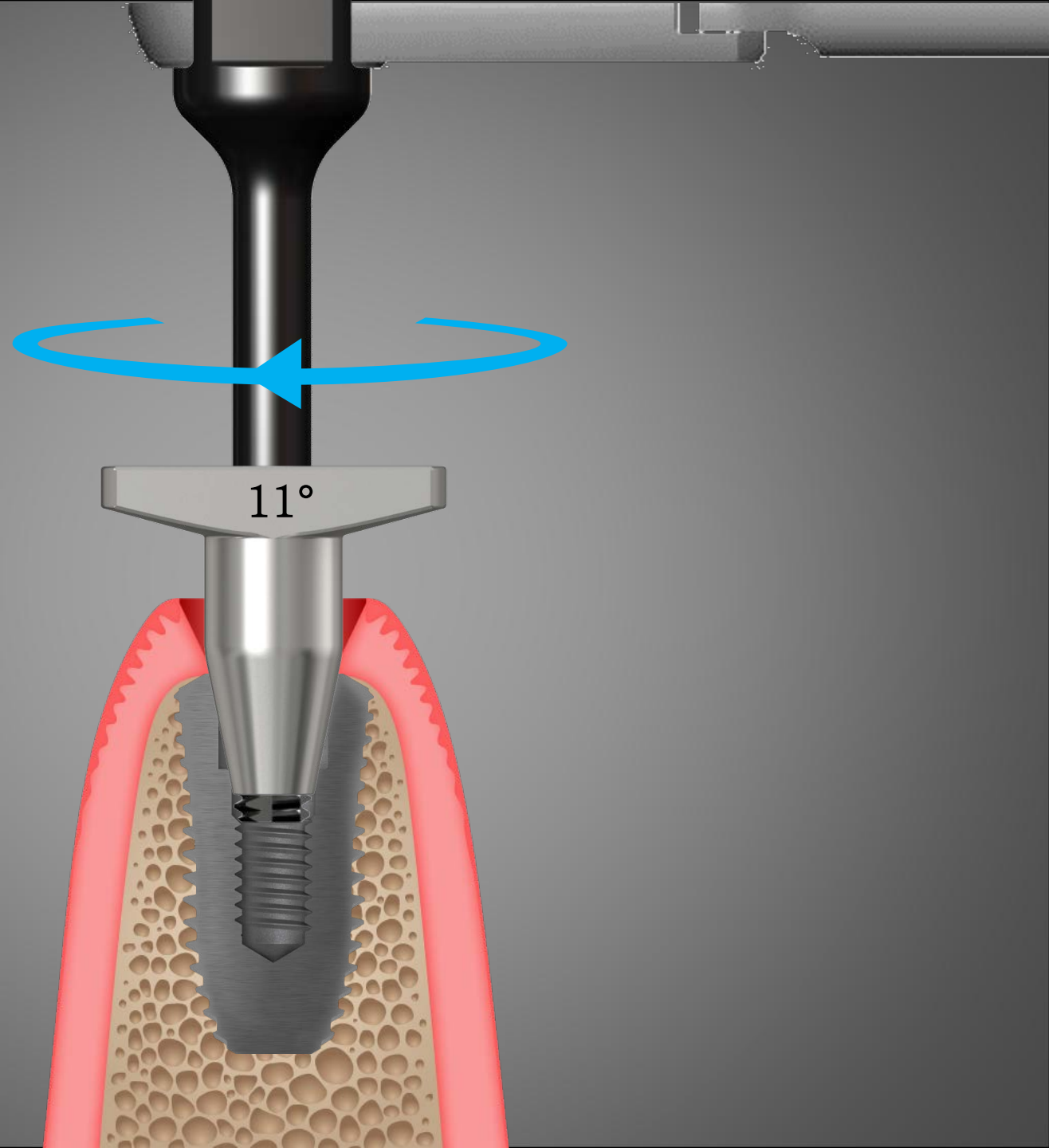

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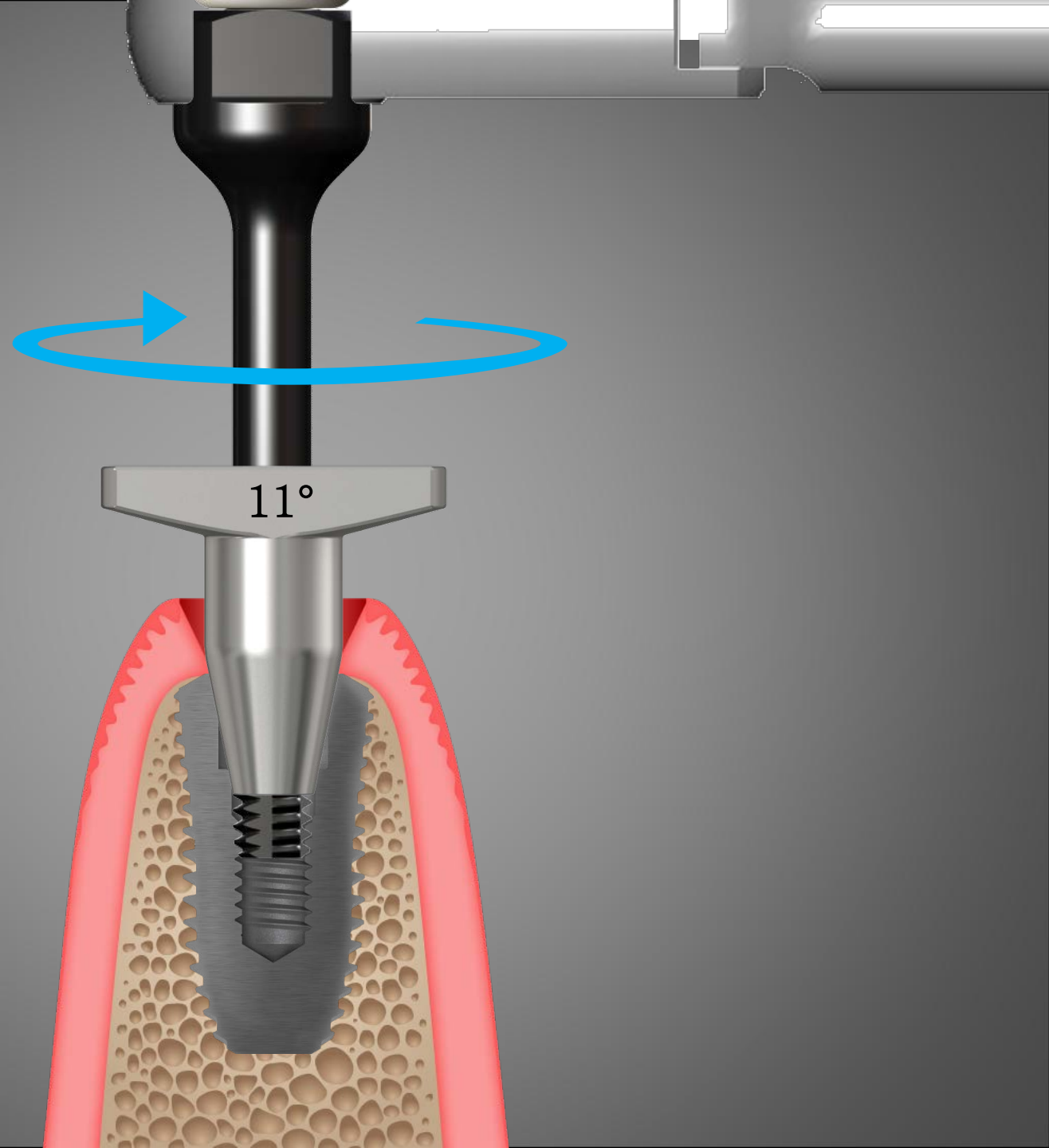

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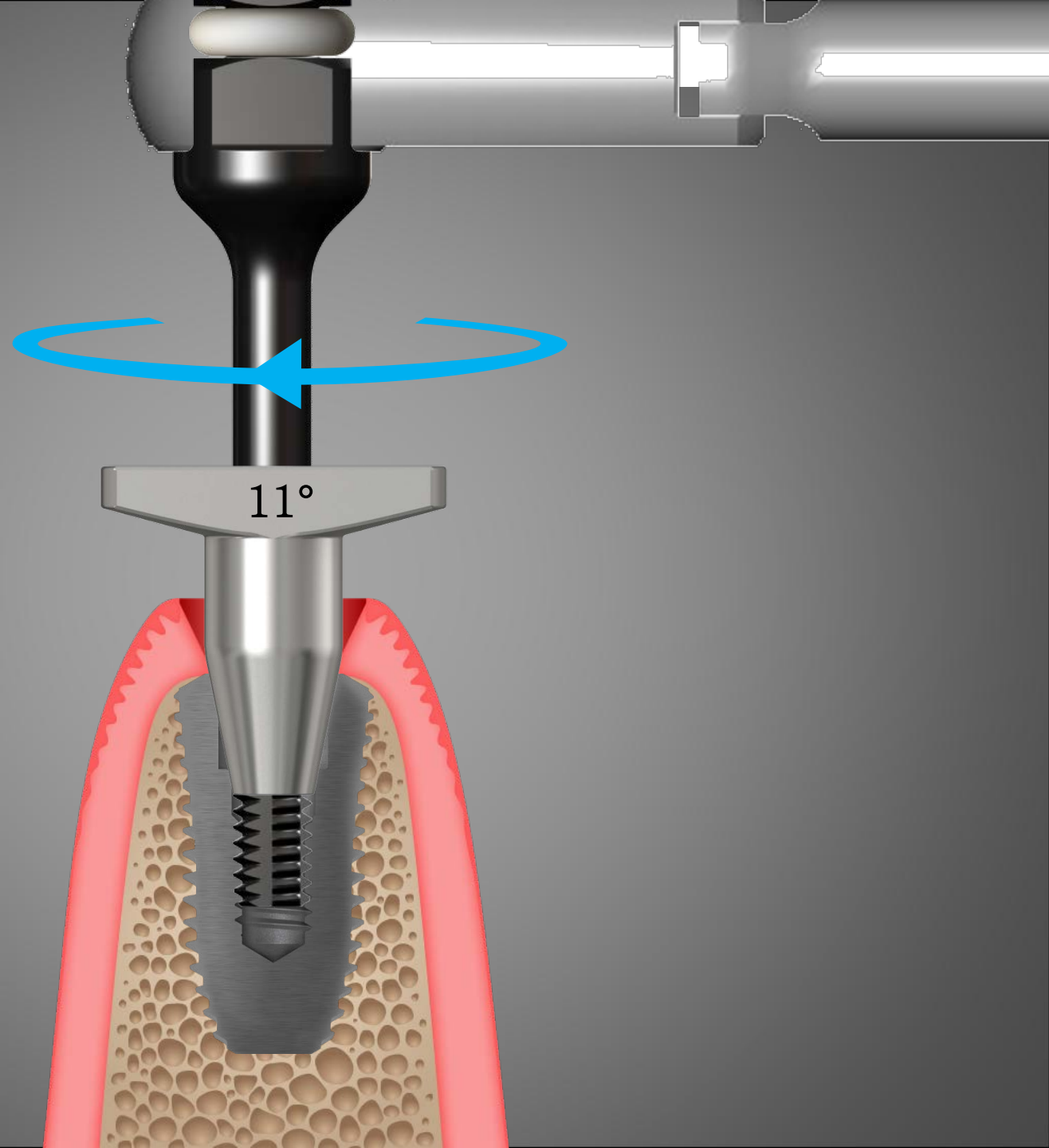

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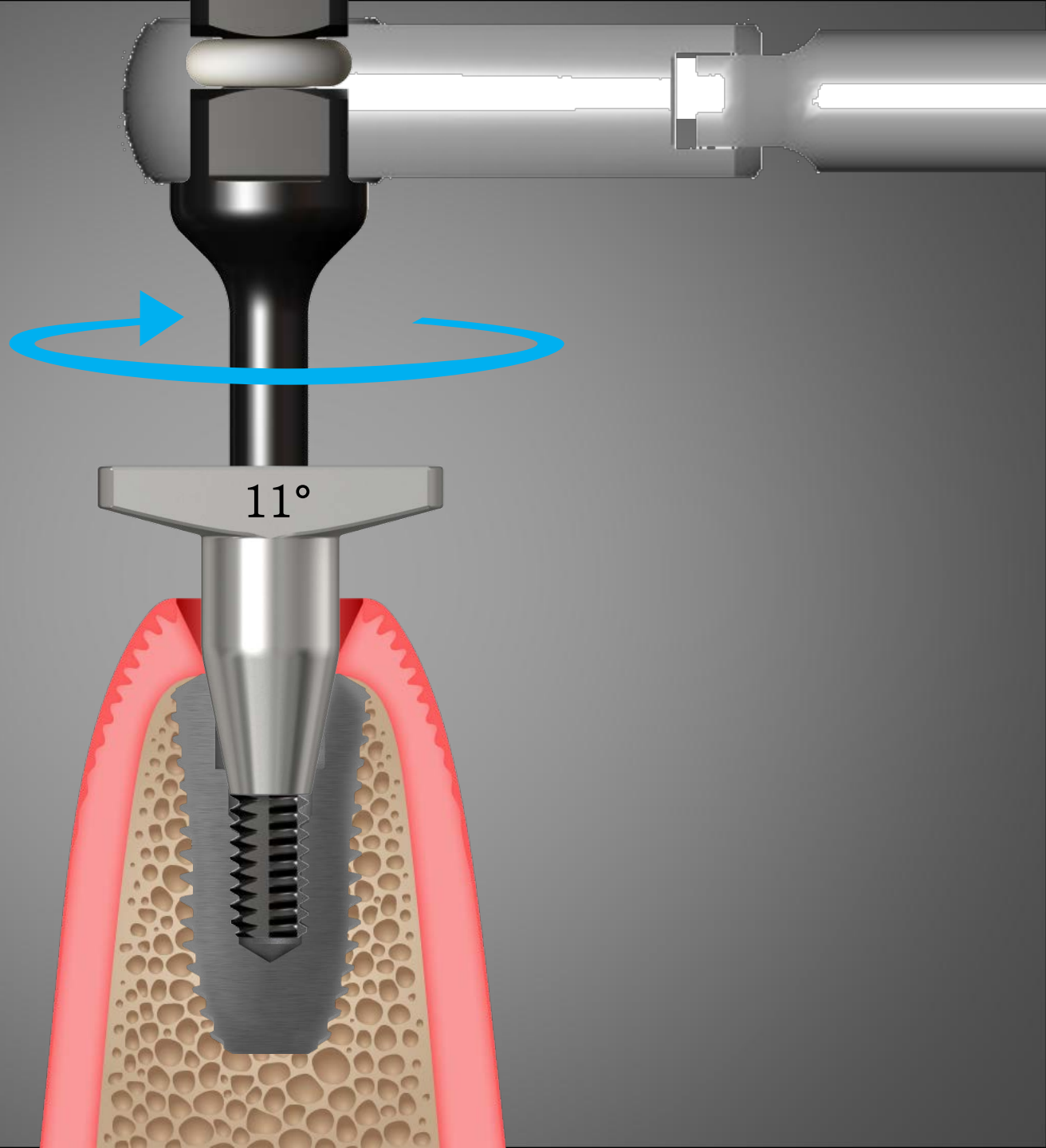

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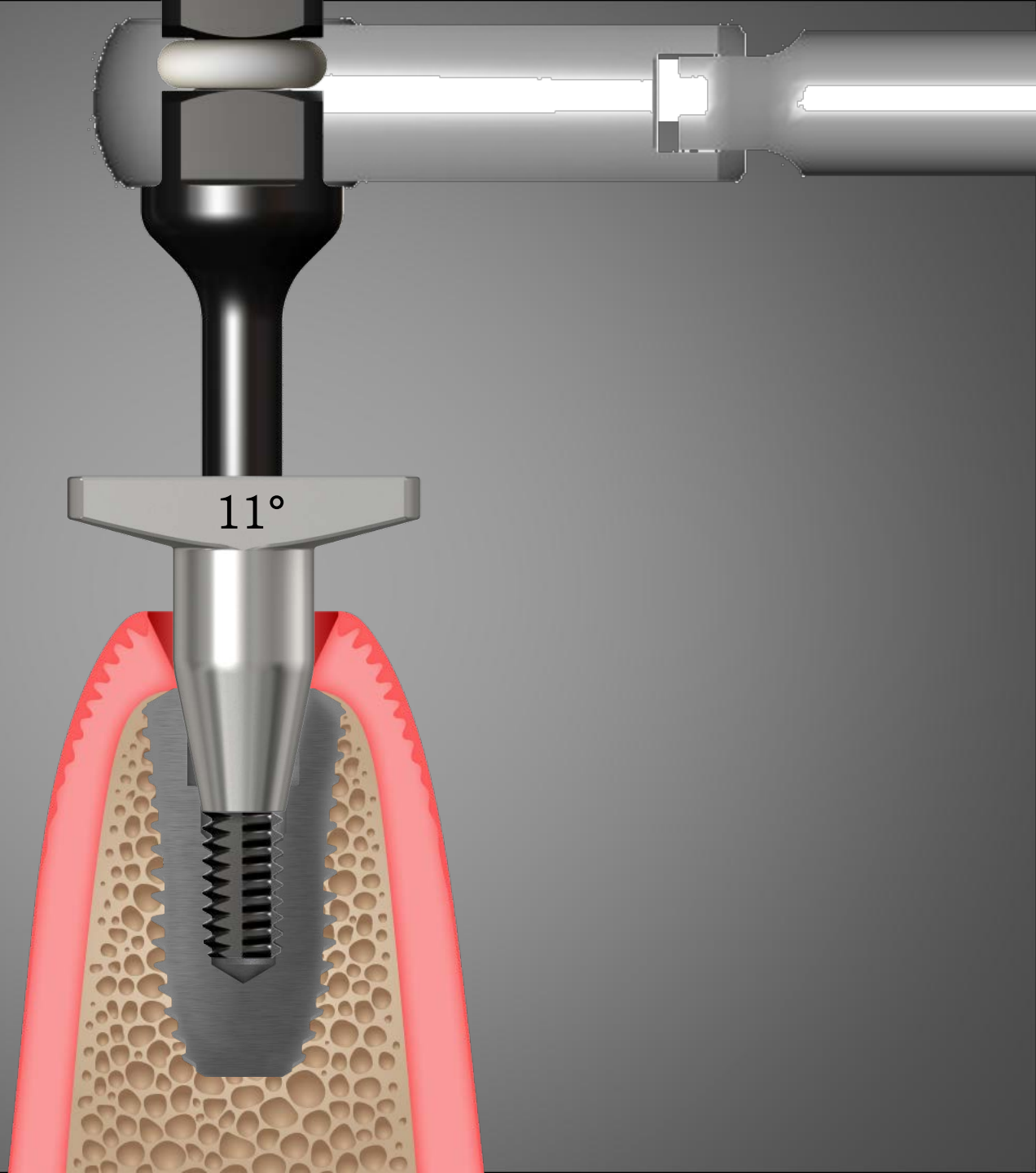

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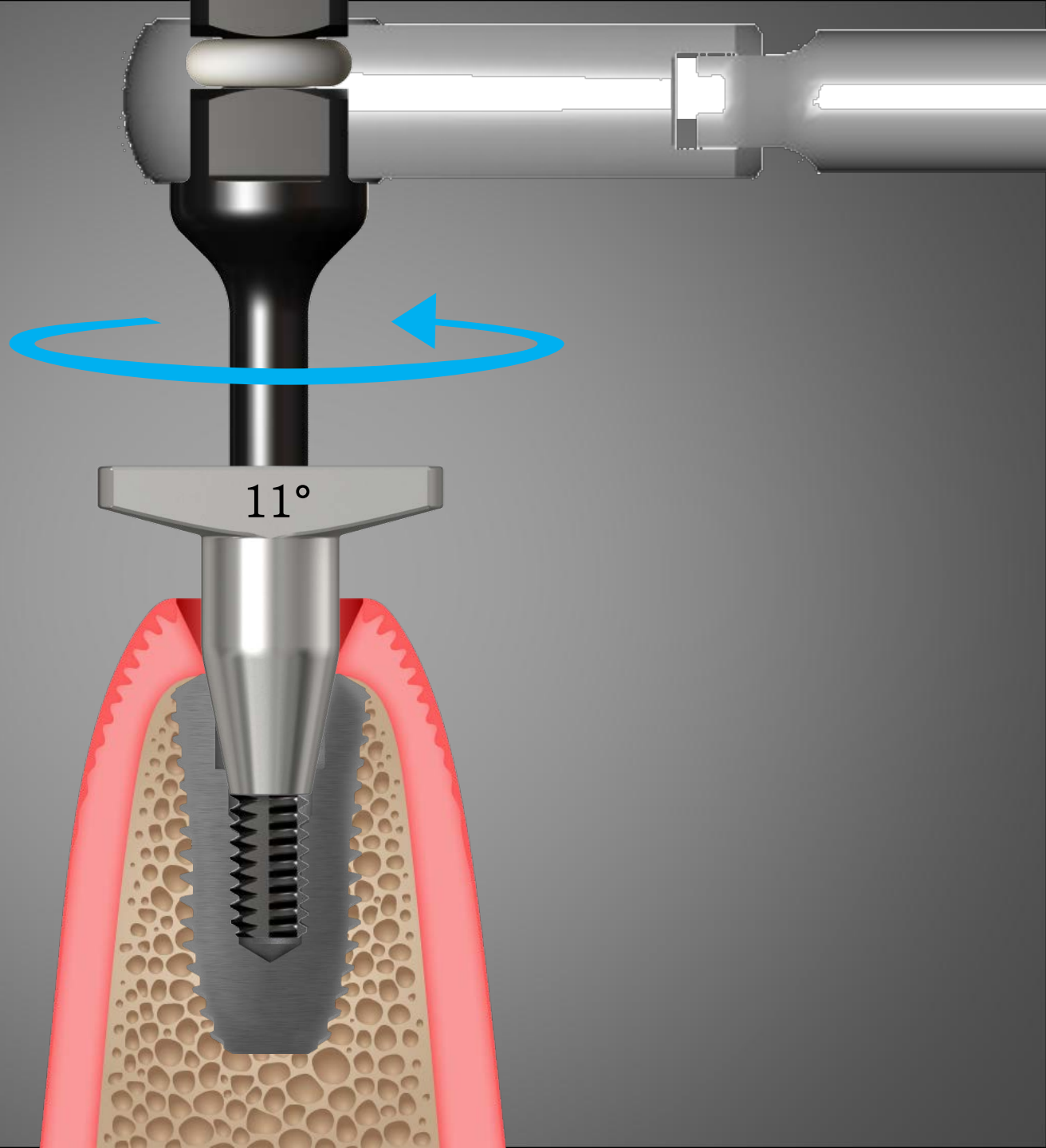

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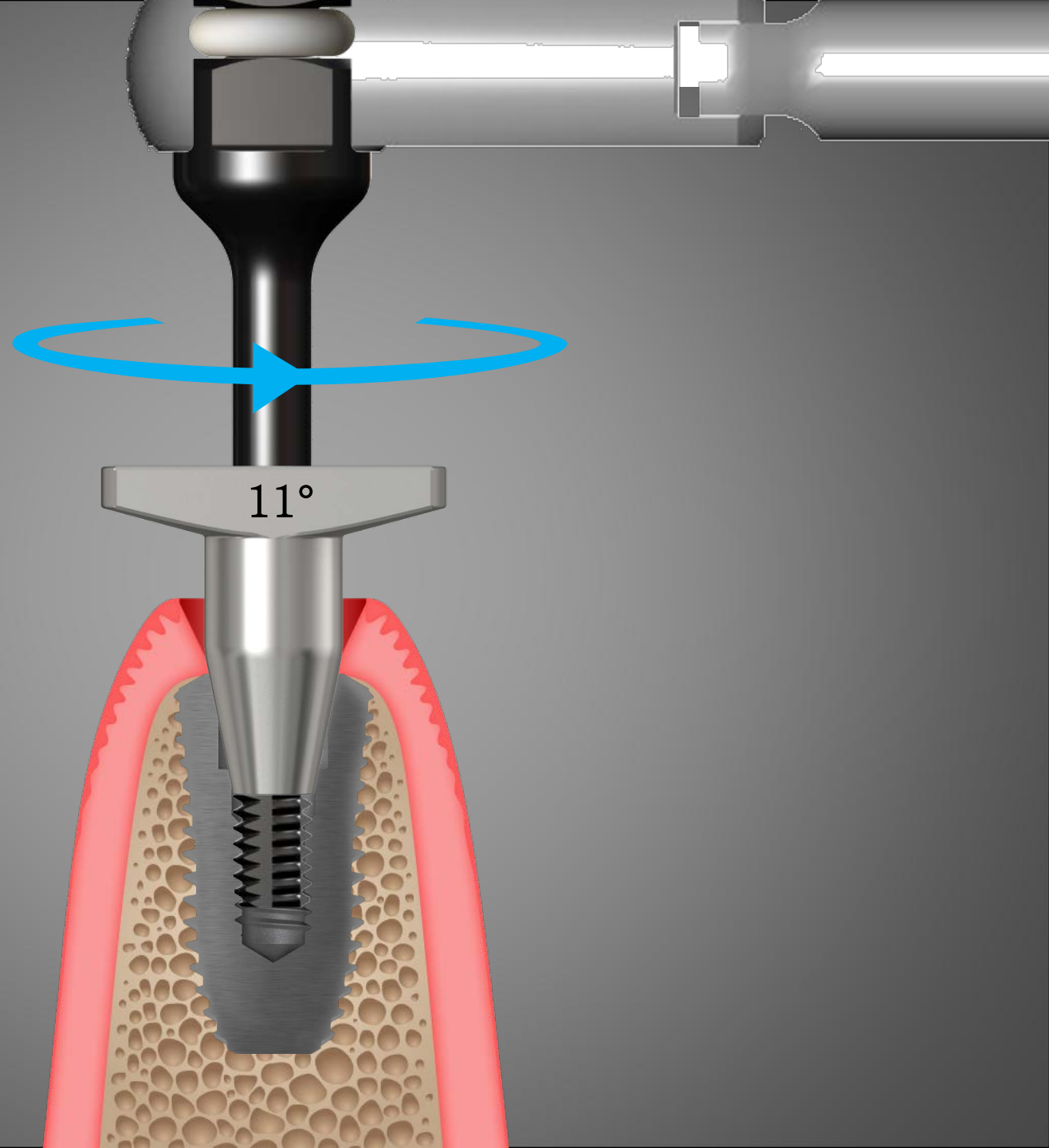

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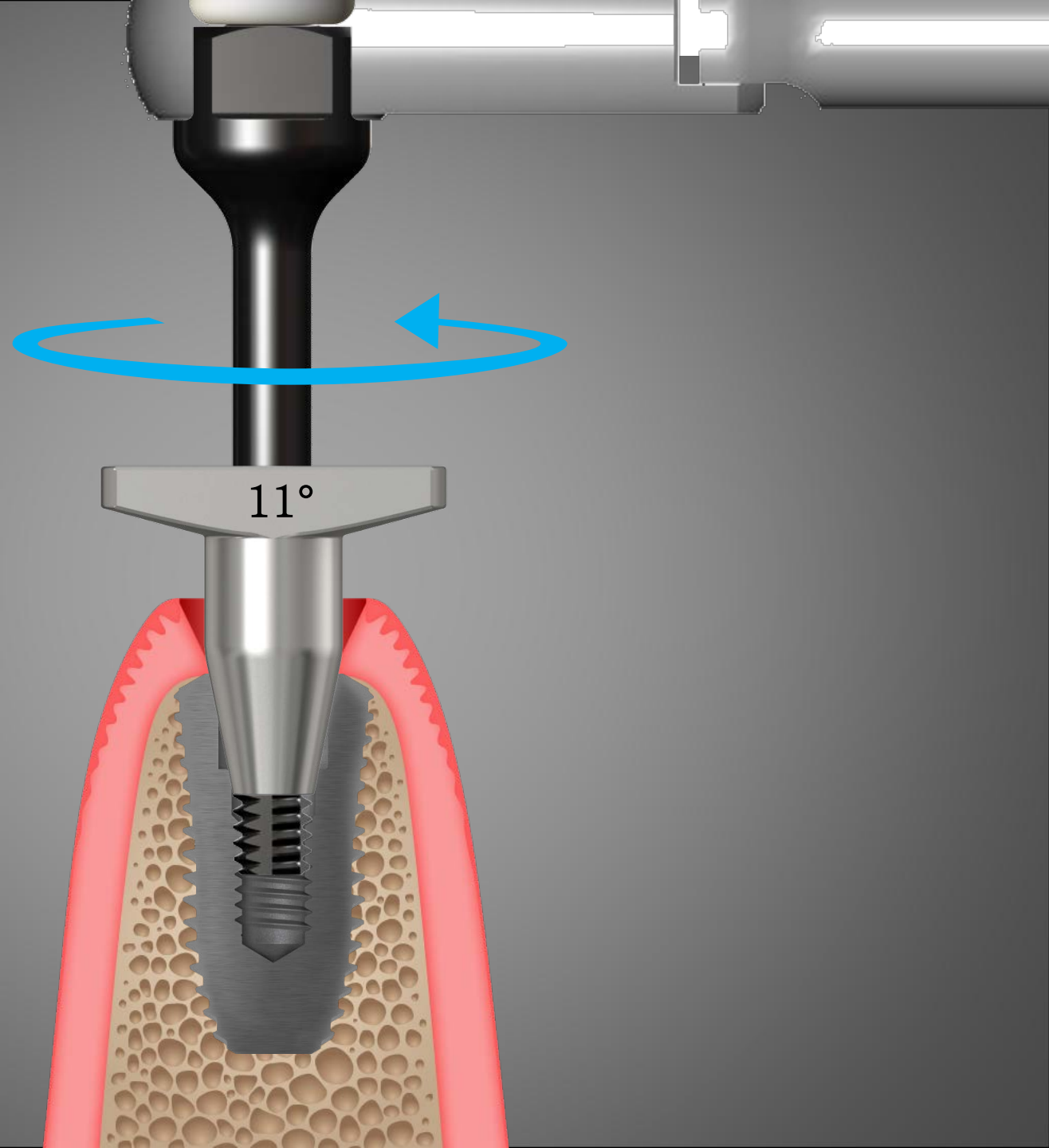

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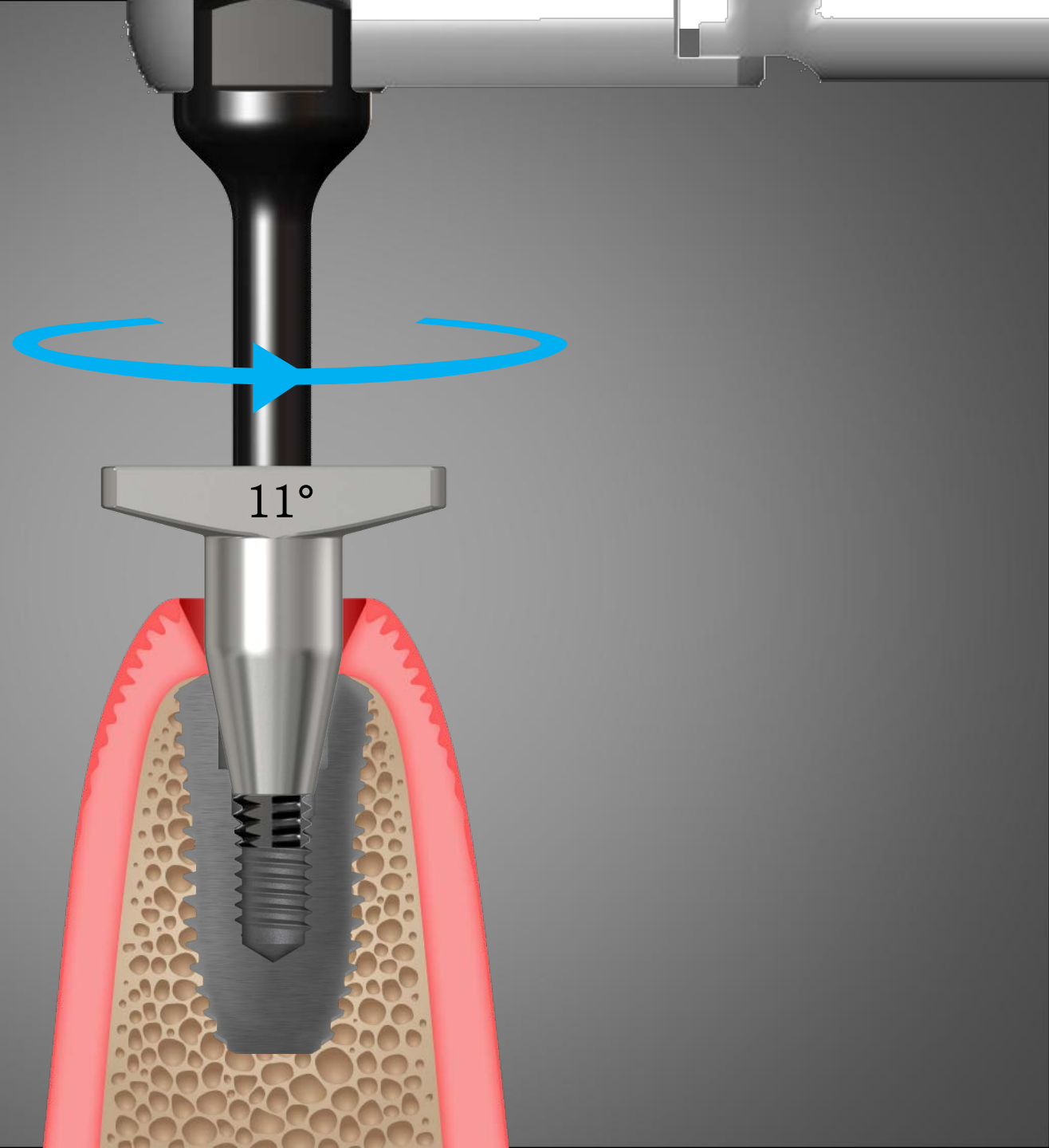

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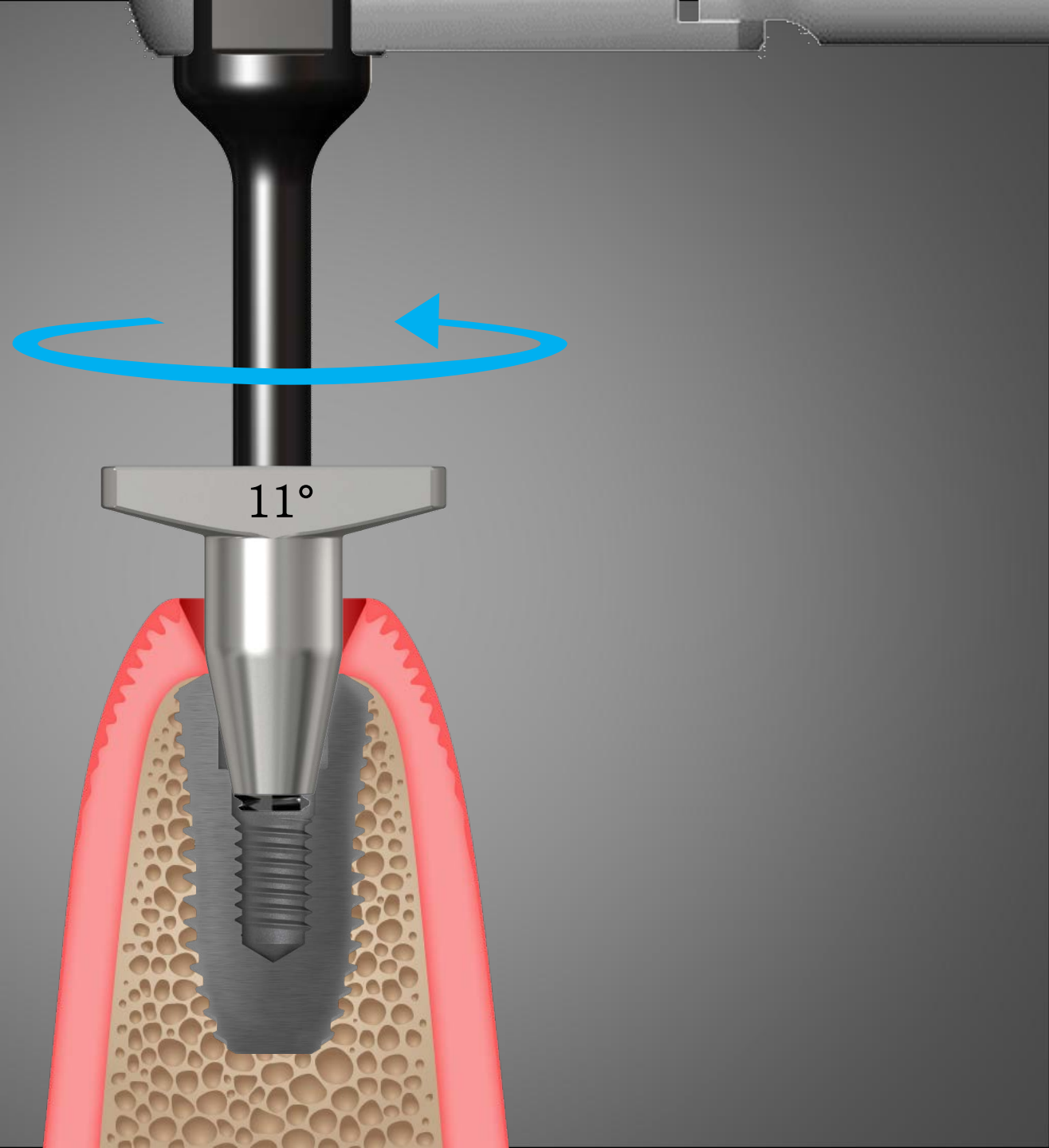

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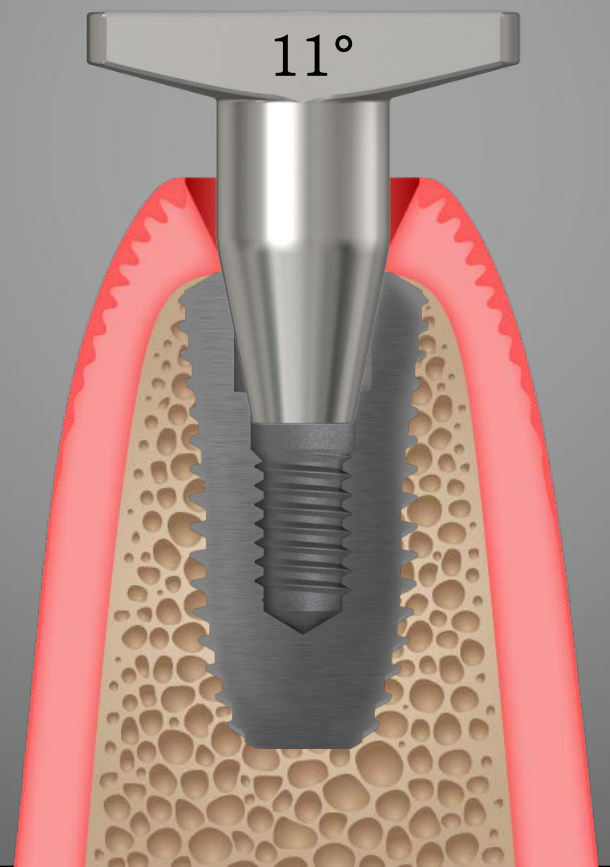

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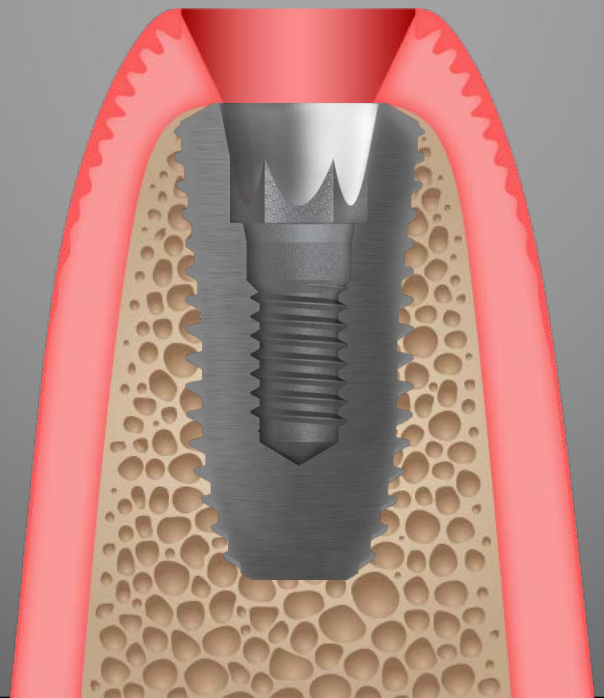

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THANK YOU!

Help kit