

Protocol of periimplantitis treatment using NiTi Brush

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1. Which brush should I select?
 2. Check up the periimplantitis.
 3. Sterile the NiTi Brush.
 4. Attach the NiTi Brush to handpiece.
 5. Brushing – mechanical treatment.
 6. Check up the mechanical treatment by naked eyes.
 7. Chemical treatment.
 8. Guided Bone Regeneration.
 9. Final check of periimplantitis treatment using by NiTi Brush.
- ※ NiTi Brush + laser or sandblast?

1. Which brush should I select? There are 3 types of NiTi Brush:

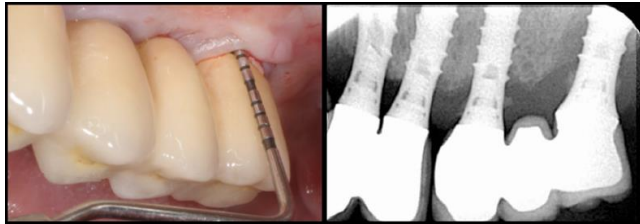
NiTi Brush NANO for one thread open.

NiTi Brush POCKET for 2~3 threads open.

NiTi Brush OMEGA for deep pocket..

NiTi Brush NANO for one thread open		
NiTi Brush POCKET for 2~3 threads open		
NiTi Brush OMEGA for deep pocket		


2. Check up the periimplantitis.

	<p>Check up the periimplantitis using probe and possible any solution.</p>
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3. Sterile the NiTi Brush.

	<p>Before use, sterile the NiTi Brush using sterile pouch & autoclave 134 °C / 15 minutes</p>
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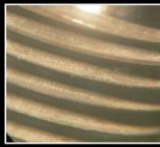

4. Attach the NiTi Brush to handpiece.

	<p>Using the Implant motopr Attach the NiTi Brush to handpiece Prepare external water irrigation</p>
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5. Brushing – mechanical treatment.

	<p>Using implant motor, RPM 600~1,200, brushing the implant surface & Remove osseous defect of plaque, calculus or any other materials. Rinse extensively with sterile saline solution throughout the whole brushing time</p>
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6. Check up the mechanical treatment by naked eyes.

<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Before</p>  </div> <div style="text-align: center;"> <p>After</p>  </div> <div style="text-align: center;"> <p>Before</p>  </div> <div style="text-align: center;"> <p>After</p>  </div> </div>	<p>Check & confirm the change of shade of implant surface by naked eyes. The shade of implant surface changed into "shiny"</p>
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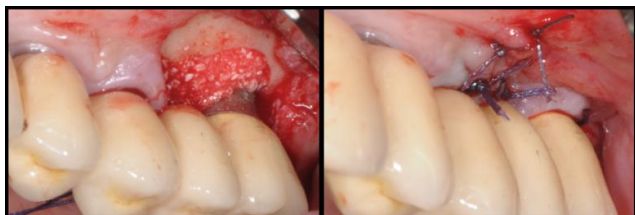
7. Chemical treatment : Various chemical treatment could be helpful for better result.

After brushing, citric acid or(and) tetracycline could be helpful for detoxification and better result.

Example) Using Citric acid Ph=1, do the burnish for 3 minutes then wash it away(can be skipped).

Prepare **Tetracycline 250mg placed in 2.5cc water** then apply or sprinkle it to cleaned area using syringe and **wait 3 minute, then wash away.**

8. Guided Bone Regeneration.



Guided Bone Regeneration according to the general protocol.

9. Final check of periimplantitis treatment using by NiTi Brush.



Final check of periimplantitis treatment using by NiTi Brush.

※ NiTi Brush + laser or sandblast?

For better result, **laser or sandblast can be used together with NiTi Brush**, but laser or sandblast must be used prior to use the **NiTi Brush**. **NiTi Brush** must be used as the **last mechanical treatment process**.

※ NiTi Brush is Single time use only(disposable).

In case of multiple use in one patient using one NiTi Brush, it is recommended to immerse the NiTi Brush in a 3% hydrogen peroxide solution and rinse with sterile saline before clean or debride another implant.