

# Inion GTR™ Tack

## Description

The Inion GTR™ Biodegradable Tacks are intended to be used with the biodegradable membrane by fastening the membrane in position.

The use of Inion GTR™ Tacks with the biodegradable membrane is indicated for surgical treatment of periodontal defects (e.g. class II furcation defects, intrabony defects and recession type defects), for pre-implant and peri-implant surgery and for covering bone defects and empty sockets.

The Inion GTR™ Biodegradable Tacks are made of degradable copolymers composed of L-Lactide acid, D-lactic acid, and trimethylene carbonate. These polymers degrade in vivo by hydrolysis into alpha-hydroxy acids that are metabolized by the body.

The Inion GTR™ Tacks are provided in a plastic dispenser and supplied as sterile, single use products. (Fig.1)



Fig. 1 The plastic dispenser with 4 Tacks, TCK-2013

<i>Tack</i>	
<b>TMC</b>	<b>DLPLA</b>
Trimethylene Carbonate	D, L-Lactide

## Benefit

### Fast and easy to use

- Simple Tack loading by the single use or reusable Tack Applicator (Fig. 2)
- Easy to reach the surgical site by choosing either angled or straight end of the Tack Applicator to insert the Tack
- Immediate Tack placement after drilling through the membrane - No suturing is necessary



Fig. 2 The single use (a) or reusable (b) Tack Applicator with angled and straight end for the Tack loading

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## Biocompatibility

- Biodegradable: no removal surgery needed; based on the in vitro testing, the Tacks retain approximately 80% of their initial strength 8 weeks after implantation
- Safe and synthetic biomaterials

## Instruction for use

### Fastening a membrane with tacks

Open the dispenser carefully to avoid dislodging any Tack

1. Take the Tack Applicator and press it firmly onto the Tack head. When a popping sound is heard, the tack is well fastened onto the Applicator (Fig.4)
2. Hold the membrane securely in the desired position and drill directly through it into the bone
3. While keeping the membrane immobile, take the loaded Tack Applicator and press the tack firmly to the hole. When using the angled end, apply finger pressure to the head of the applicator and not to the shaft
4. Tilt the Tack Applicator slightly to release it

## Product information

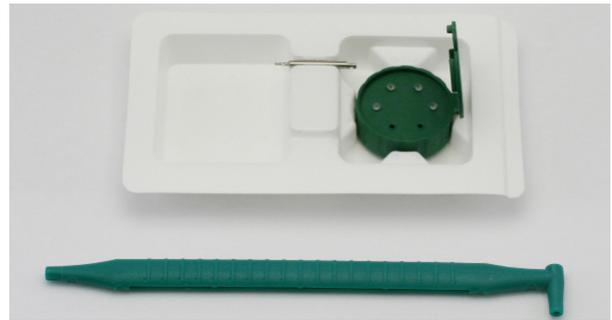


Fig. 3 TCK-2011

TCK-2011	4 tacks, 1 drill, 1 tack applicator, single-use
TCK-2013	4 tacks
INS-9051	Drill for tacks
INS-9052	Reusable tack applicator

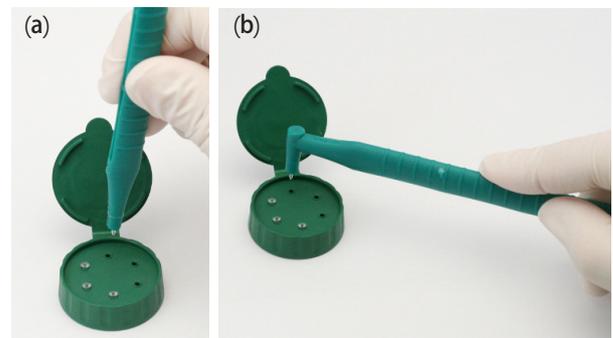


Fig. 4 Tack loading by the angled end (a) or the straight end (b) of the Tack Applicator

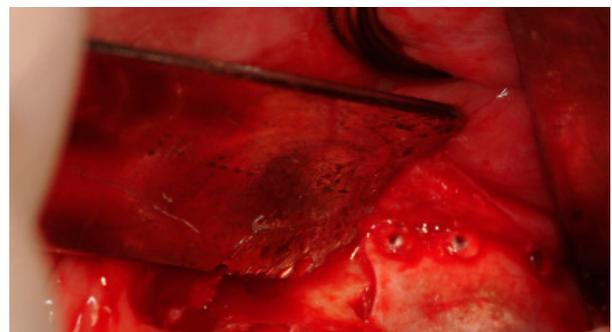


Fig. 5 the Inion GTR™ was used to fix the biodegradable membrane in the dental surgery



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