

The instruments used must be visually inspected after each cleaning and disinfection for damage (such as corrosion, chipping, damaged surfaces, deformation, etc.) and soiling. Damaged or non-functional instruments must be sorted out.

EN

consisting of:

- Titanium foils
- Titanium pins

Instrumente:

- Pinz Halter
- Titanium Pin
- Schraubendreher
- Sterbox

INSTRUCTIONS FOR USE

TI-System

consisting of:

- Titanium foils
- Titanium pins

Instrumente:

- Pinz Halter
- Titanium Pin
- Schraubendreher
- Sterbox

INSTRUCTIONS FOR USE

1. Purpose
This medical device system is used to provide temporary rigid cover for augmentation material, especially in the dental, oral and maxillofacial region. Here the time for the fixed titanium foil to remain in place depends on the specific objectives, on the local conditions and on the general condition of the patient.

2. Clinical Use and Indications
The target group of the medical device system consists of patients with bone defects to be regenerated and patients after implantation of augmentation materials. In these patients, use of the titanium foil and titanium pins will prevent ingrowth of soft tissue into the implant area, promoting bone regeneration. In most cases, bone regeneration using the titanium foil can take, depending on the defect size, 2-6 months.

3. Adverse Events
So far, no adverse events have been reported.

4. Tissue Compatibility, Interactions
There are no data available that would suggest tissue incompatibility of components of the TI-System.

5. General Safety Aspects
The entire TI-System is reserved to qualified experts. The entire TI-System is supplied non-sterile and must be sterilized accordingly before each use (see also chapter 1).

The titanium foils and titanium pins are intended for single use only. Unused pins remaining in the Sterbox can be reused after passing through a complete cleaning and sterilization cycle.

6. Further Information
Use only TI-System foil!
Documentation labels are enclosed with the foils and pins.

7. Product Characteristics
The starting material for the implantable parts of the TI-System is titanium (of a grade) specified for surgical use. The titanium foils are cleaned and packaged into a foil pouch. The titanium pins (3-mm titanium pins) are recommended for hard, 5-mm titanium pins (blue) for softer bone. After use, the titanium pins are cleaned and packaged into a plastic tube. For further information, see the instructions for use.

8. Restrictions of Use
Unintended or therapy-resistant conditions such as decreased blood clotting (inhibit coagulation), known defects in wound healing or bone regeneration, immunosuppressive therapies, infection and inflammation in the area of intended use, poor oral hygiene.

9. Mode of Application
Preparation: Titanium foils
The titanium foils (either 20 µm or 40 µm) are prepared by removing from the foil pouch and cleaning with isopropanol 70% or ethanol 70% in an ultrasonic bath. The cleaned titanium foils are to be sterilized, arranged vertically in a suitable container, without foil pouch.

10. Titanium pins
The titanium pins are prepared by removing from the foil pouch and cleaning with isopropanol 70% or ethanol 70% in an ultrasonic bath.

11. Instruments
Before use, application, all components of the TI-System must be cleaned, disinfected and sterilized in accordance with a validated procedure for surgical instruments.

12. Date of information
February 09/2024

13. Symbols
For single use medical devices

14. Conformity assessment
Conformity assessment involving the Notified Body

15. Manufacturer
CURASAN AG
Lindgraben 4
63801 Kirschheim, Germany
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Fax: +49 (0) 6027 / 40000-29
E-Mail: info@curasan.com
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DE

bestehend aus:

- Titan-Folien
- Titan-Pins

Instrumente:

- Pinz Halter
- Titan-Auflauf
- Schraubendreher
- Sterbox

GEBRAUCHSANWEISUNG

TI-System

bestehend aus:

- Titan-Folien
- Titan-Pins

Instrumente:

- Pinz Halter
- Titan-Auflauf
- Schraubendreher
- Sterbox

GEBRAUCHSANWEISUNG

1. Anwendungszweck
Dieses Medizintechnik-System dient der temporären formstabilen Abdeckung von Augmentationsmaterialien, besonders im Zahn-Mund-Kiefer-Bereich. Dabei variiert die Dauer des Verbleibes der formstabilen Abdeckung in Abhängigkeit von der spezifischen Zielstellung, den lokalen Bedingungen und dem Allgemeinzustand des Patienten.

2. Anwendungsgebiete
Zielgruppe des Medizintechnik-Systems sind Patienten mit zu regenerierenden Knochendefekten sowie Patienten nach Implantation von Augmentationsmaterialien. Bei diesen Patienten kann durch den Einsatz der Titan-Folie und Titan-Pins ein Einwachsen von Weichteilen in den Implantationsbereich vermieden werden, wodurch eine Förderung der Knochenregeneration erzielt werden kann. In den meisten Fällen ist die Knochenregeneration unter Verwendung der Titan-Folie je nach Defektgröße eines Zeitraums von 2-6 Monaten.

3. Nebenwirkungen
Bisher sind keine Nebenwirkungen bekannt.

4. Gewebeverträglichkeit, Wechselwirkungen
Es liegen keine Daten vor, die auf eine Gewebeverträglichkeit der Bestandteile des TI-Systems schließen lassen.

5. Allgemeine Sicherheitsaspekte
Die Anwendung des TI-Systems ist nur den qualifizierten Fachkräften vorbehalten. Das gesamte TI-System wird ohne Sterilisation und muss vor jedem Gebrauch entsprechend sterilisiert werden (siehe A-KI-Richtlinie).

6. Sonstige Hinweise
Nur TI-System Instrumente verwenden!
Die Folien und Pins liegen Dokumentationsetiketten bei.

7. Produktkennzeichen
Ausgangsmaterial für die implantierbaren Teile des TI-Systems ist Titan, welches für chirurgische Zwecke speziell spezifiziert ist. Die Titan-Folien sind gereinigt und in einem Folienpouch verpackt. Die Titan-Pins werden je nach OP-Situation und Knochenverhältnissen ausgewählt und mit dem Set-Instrument Handstück und TI-System Auflauf (jeweils gereinigt und sterilisiert) werden zum Set-Instrument zusammengebracht.

8. Lagerbedingungen
Trocken, in der vorgesehenen Verpackung aufbewahren.

9. Hersteller
CURASAN AG
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10. Limitationen on the application
pathologies not resistant to treatment, such as a diminished blood coagulation, known defects in wound healing or bone regeneration, immunosuppressive therapies, infection and inflammation in the area of intended use, poor oral hygiene.

11. Mode of Application
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ES

compuesto de:

- Láminas de titanio
- Clavos de titanio

Instrumente:

- Pinza de sujeción
- Cabecita de titanio
- Destornillador
- Sterbox

MODO DE EMPLE

