TOM JIG ® T+

DIGITAL ANATOMICS

Personalized surgical guides system for high tibial osteotomy with addition wedge

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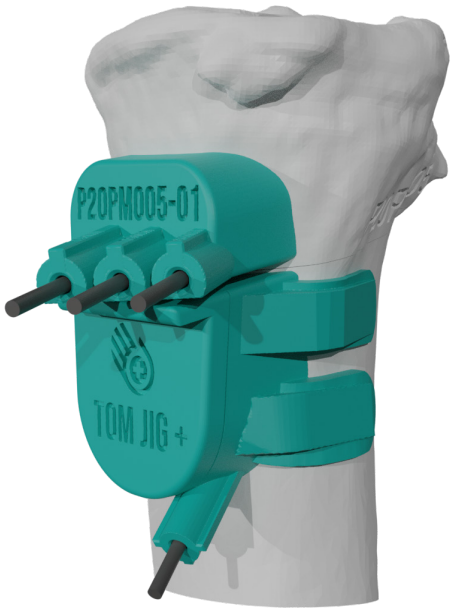
TOM JIG®T+ system enables to make the osteotomy cut in the right plane, achieving the desired correction quickly and precisely.

In addition osteotomy, the tibia is cut into two parts, leaving an opening for a wedge to be inserted to correct a specific angle.



Pathology:
Genu valgum or genu varus gonarthrosis

Use:
Valgus osteotomy or varus osteotomy with addition wedge

Information about the device:
Custom Made Medical Device: surgical invasive product, class IIa, transient use. Rule 6, Annex VIII, MDR 2017/745.

Material:
Biocompatible class IIa sterilizable resin

- **Shortenning of operating times**
- **Reduction in X-Ray exposure**
- **Minimally invasive**
- **High precision and safety**
- **Technique facilitation**
- **No initial investment**

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Surgical Technique

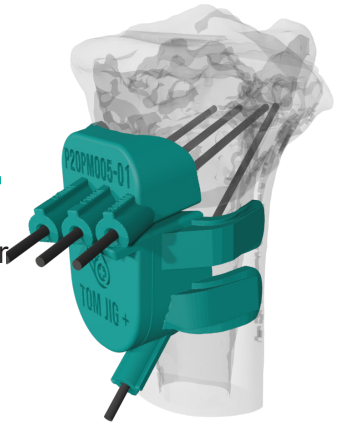
1. Positioning

01

Position the guide at the only possible fitting point.

02

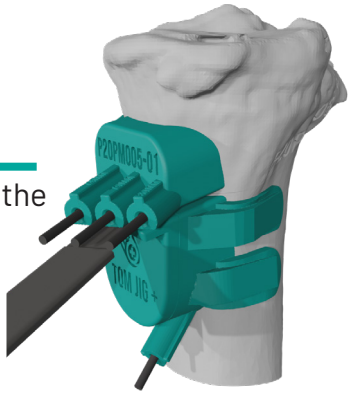
Kirschner wires are inserted. Firstly, the most anterior-lower one, to ensure the positioning of the guide.



2. Making the osteotomy cut

03

The cut is initiated through the groove provided.
Remove part A.



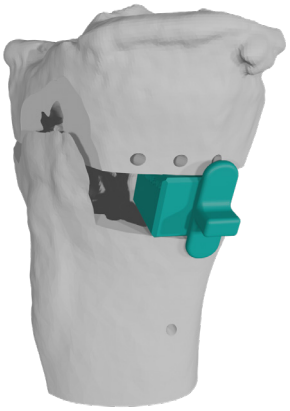
04

The complete cut us made up to the limit of 10 mm, set by the lower locking wire.
In that way, mark on part B makes ATT to be respected.

3. Correction

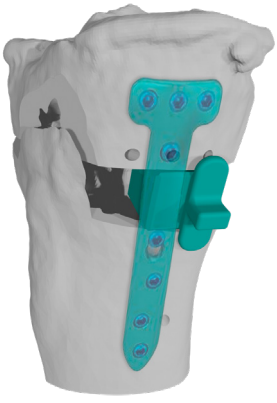
05

The wedge is inserted to achieve the previously defined correction angle.



06

The osteotomy plate is then placed and filled with bone graft.
Finally, the wedge is removed.



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Technical Features

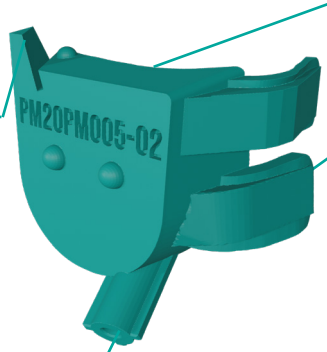
A

Front fixing flap

Holes to insert Kirschner wires which defines the osteotomy plane

Cutting groove adapted to the thickness of the saw

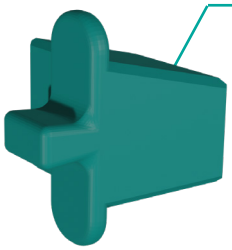
B



Contact surface according to the morphology of each patient

Back fixing flaps

Cutting groove to save the ATT



Wedge which allows achieving the desired correction angle

Hole to insert the locking wire into the medial cortex so that the cut is not complete and allows the osteoclasis

TOM JIG ® T+ MD Custom Made Medical Device

Operating Licence as MD Manufacturer nº M/919

Request Process

Nominal leadtime: 5 working days

Sending of the virtual prescription, provided by DA, with a CT

3D biomodel and **TOM JIG ® T+** surgical guides computer aided design

Digital files validation

Manufacturing by 3D printing

Physical product reception

Surgery

Surgeon

Digital Anatomics

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