

# ARTHREX LAUNCH PRODUCT: NEW TPLO

## מוצר אורתופדי חדש של ARTHREX

We are very happy to inform you that ARTHREX 3.5 mm TPLO plate is finally available!

The plate is fixed with 3 locking screws proximally and 2 locking screws distally. Also, the plate has one compression hole.

### What are the product's features?

- A suture hole to allow for an InternalBrace augmentation (to ward rotational instability)
- Laser lines for proper plate placement along the cut of the osteotomy
- K-wire holes to temporarily fix the plate to the bone
- Beveled ends making the plate less palpable under the skin
- Contoured and caudally tilted proximal part to fit the osteotomized tibial head



### What's behind this plate?

Co-developing surgeon Prof. Antonio Pozzi has shown that even after TPLO surgery, a rotational instability can be existent in the stifle in up to 30% of the patients (<https://www.ncbi.nlm.nih.gov/pubmed/22380922>, <https://www.ncbi.nlm.nih.gov/pubmed/?term=24920141>). T

The addition of an InternalBrace prevents the rotational instability and thus protects the meniscus from latent injury and excessive osteoarthritis.

The surgeon has to evaluate the need for an InternalBrace intraoperatively after TPLO implantation. Estimated surgery time for this augmentation with SwiveLock and FiberTape is 20-30 minutes.

### Is there a surgical technique?

A surgical technique is in progress. Please refer to our youtube channel to find 3 instructional videos by Prof. Pozzi:

- ◆ **Approach and osteotomy:** <https://www.youtube.com/watch?v=34XPzuZiWzc>
- ◆ **Plate placement:** <https://www.youtube.com/watch?v=eJdQRETh05k>
- ◆ **InternalBrace augmentation:** <https://www.youtube.com/watch?v=jtyWPVBkn0g>

### What else do I need to know?

- Refer to us site learn about upcoming TPLO courses
- Synthes locking screws cannot be used for the Arthrex TPLO plate (nor can the instruments, as explained above)

### What's next?

- A study with clinical evidence (which will help you selling the plate) in 100 patients is in progress and will be completed over the next 1.5 years
- TPLO plates in other sizes are in development – first, 2.7 and 4.5 mm plates will add to the portfolio, plates in 2.0 and 2.4 are scheduled



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