

ORTHON

innovations

TPLO AND CBLO

TPLO AND CBLO PLATES IN VARIOUS SIZES AND DIFFERENT SHAPE.



Introduction

1. CBLO and TPLO surgery both use a radial cut osteotomy to level the tibial plateau.
2. More invasive than TTA surgery however has a better outcome with dogs greater than 30kg or tibial slope greater than 25 degrees.
3. Postoperatively there are weekly visits for 4 weeks. On leash exercise can generally be started at 1-2 weeks post operatively. A radiograph is taken at 8-12 weeks to ensure the osteotomy has healed at which point the dog can go to full off leash exercise.

TPLO was originally developed in the early 1990's by a veterinary surgeon and his partner, Barclay and Therese Slocum. The theory behind TPLO was that by rotating the slope of the joint surface at the top of the tibia then the forces that are normally counteracted by the cranial cruciate ligament will be reduced or eliminated.

CBLO was developed as a refinement of the concepts of TPLO and addresses some of the issues that could cause complications with TPLO particularly in certain animals. One of the issues with TPLO is that in a lot of dogs the end result is that the load bearing axis of the tibia is moved further away from the anatomical axis of the tibia. CBLO addresses this by inverting the rotation which results in the weight bearing axis being brought into alignment with the anatomical axis.

ORTHON has variety of Implants in different shape and sizes for fixation after corrective osteotomies in animal care.

2.0MM PLATE TPLO

THICKNESS: 2.3MM

WIDTH: 5.5MM

LENGTH: 30MM

3 HOLES RIGHT

3 HOLES LEFT.



2.4MM PLATE TPLO

THICKNESS: 2.3MM

WIDTH: 6.5MM

LENGTH: 35MM

3 HOLES RIGHT

3 HOLES LEFT



2.7MM PLATE TPLO

WIDTH:

THICKNESS: 2.5MM

HEAD FOR 2.7MM LOCKING ANS 2.7MM CORTEX SCREWS

SHAFT FOR 2.7MM CORTEX SCREWS

COMBI HOLE FOR BOTH 2.7MM LOCKING AND 2.7MM CORTEX SCREWS.

3 HOLES RIGHT

3 HOLES LEFT

3.5MM SMALL PLATE TPLO

WIDTH: 11MM

THICKNESS: 3.7MM

LENGTH: 55 MM

3 HOLES RIGHT

3 HOLES LEFT



3.5MM PLATE TPLO

WIDTH: 11.0MM

THICKNESS: 3.7MM

LENGTH: 64MM

HEAD HOLES BOTH 3.5MM LOCKING AND CORTEX SCREWS AND 4.0MM CANCELLOUS SCREWS.

SHAFT HOLES 3.5MM CORTEX

COMBI HOLES BOTH 3.5 CORTEX AND 3.5 LOCKING SCREWS.



3.5MM BROAD PLATE TPLO

THICKNESS: 3.7MM

WIDTH: 13.5MM

LENGTH: 80MM

HEAD HOLES BOTH 3.5MM LOCKING AND CORTEX SCREWS AND 4.0MM CANCELLOUS SCREWS.

SHAFT HOLES 3.5MM CORTEX

COMBI HOLES BOTH 3.5 CORTEX AND 3.5 LOCKING SCREWS.



R&L

CBLO PLATE SYSTEM.

3 HOLES RIGHT

3 HOLES LEFT

THICKNESS 2.5MM

LENGTH: 74MM



3.5MM DOUBLE PELVIC OSTEOTOMY/TRIPPLE PELVIC OSTEOTOMY PLATES 7 HOLES

PROFILE

THICKNESS: 3.2MM

LENGTH: 44 MM

ANGLE

20° LEFT

20° RIGHT

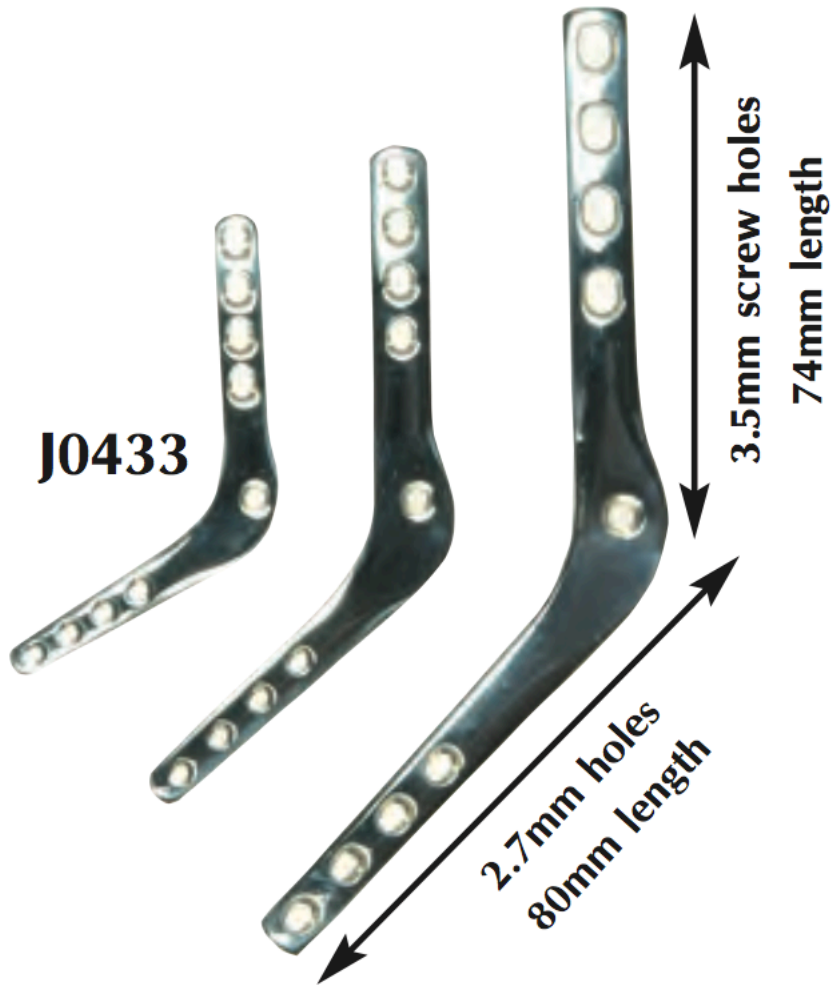
25° LEFT

25° RIGHT

30° LEFT

30° RIGHT





CANNINE PANTARSAL ARTHODESES PLATES.

2.0/2.7/3.5MM PLATE RIGHT AND LEFT

THICKNESS 2.0MM TAPPERING TO 1.5MM

2.7/3.5MM PLATE RIGHT AND LEFT PLATE

THICKNESS 3.0MM TAPERING TO 2.7MM

3.5/4.5MM PLATE RIGHT AND LEFT

THICKNESS 3.2MM

CANNINE PLATES HAVE ANGLE OF 135°

FELINE PAN TARSAL ARTHRODESSES PLATE RIGHT AND LEFT.

FELINE PLATES HAVE 120° ANGLE

THICKNESS 2.0MM TAPRING TO 1.5MM

LENGTH 78MM



SCREWS



1.5MM LOCKING SCREW

2.0MM LOCKING SCREW



Dia. of thread 2.0mm

Thread pitch 0.375mm

Dia. of core 1.5mm

Dia. of head 3.0mm

Drill bit for:

Threaded hole 1.5mm

2.4MM



Dia. of thread 2.4mm

Thread pitch 0.3mm
Dia. of core 1.9mm
Dia. of head 3.47mm

Drill bit for:

Threaded hole 1.8mm
2.7MM



Dia. of thread 2.7mm

Thread pitch 0.6mm

Dia. of core 2.1mm

Dia. of head 3.5mm

Drill bit for:

Threaded hole 2.0mm

3.5MM



Dia. of thread 3.5mm

Thread pitch 0.8mm

Dia. of core 2.9mm

Drill bit for:

Threaded hole 2.8mm



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www.orthon.com. orthon@orthon.com. +923008546066. +92514264100.