



# SCINOVA

Veterinary Implants and Instruments  
2019

Directly from the manufacturer.



# INTRODUCTION

Scinova has been designing and manufacturing veterinary implants for more than 10 years. The raw material is imported from Germany and the implants are produced in Europe, at our Hungarian factory, on high-tech CNC machinery using mostly Swiss cutting tools.

The company has the capability to produce implants and instruments of the highest quality materials of Stainless Steel, Titanium and Titanium alloys. Scinova does not only manufacture, but also invests heavily into research and development to design successful and innovative veterinary implant systems.



Complete In-House production (including various types of surface treatment) leads to very competitive prices in most of our implants

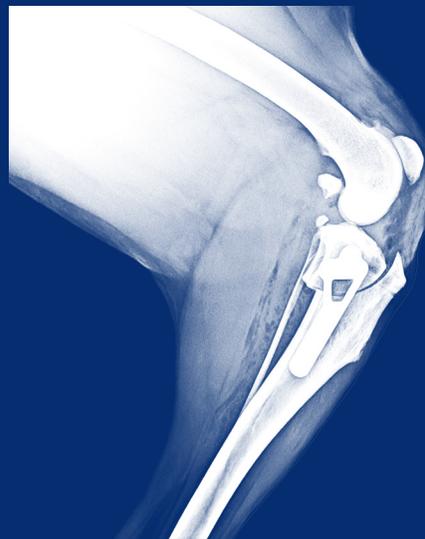
- We can also develop and produce implants and instruments to distributors based on their ideas or designs.
- Custom designs and manufacturing of only one piece is also possible
- We can produce implants with different surfaces such as shiny polished, matted, or coloured in case of Titanium
- Anodization can be a wide range of colours for titanium
- We are happy to take orders in high quantities from distributors
- We are happy to serve directly to veterinarians

## 3.5 and 2.7 Locking vision TPLO plate systems

The locking TPLO plate system (introduced in 2018 Barcelona ESVOT) is the result of research and development targeting to produce a TPLO system with the most up to date principles in surgery:

- minimal contact design to allow more blood supply to the bone
- stable, but not overly rigid fixation is ideal for osseointegration
- easier positioning and after check, is due to more visibility through the plate
- double threaded (on the head) locking -swiss style- screws
- highest quality implant steel with the most pure chemical properties
- Anatomical contour and complex design of the plate would normally result in extremely high selling costs, but due to highly effective manufacturing, the cost is surprisingly competitive





The concept of the plate design was developed with Dr. Tamas Ipolyi - instructor at the Veterinary University of Budapest.

Dr. Ipolyi is a top veterinary surgeon in Hungary and an experienced TPLO professional. He has been performing TPLO surgeries for more than 2 decades.



# 3D contourable locking plates and locking screws

The 3D contourable plates are available in six sizes with 1.5, 2.0, 2.4, 2.7 and 3.5 locking screws. The different sizes of plates were developed to satisfy the needs for fixation in case of a wide variety of sizes and anatomies.

## Locking straight plates

1.5 (3D contourable) locking plate 26 holes cuttable

2.0 (3D contourable) locking plate 30 holes cuttable

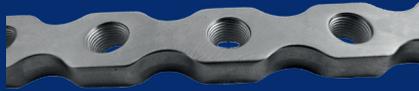
2.0/2.4/2.7 locking reconstruction plate 30 holes cuttable

2.4/2.7 (3D contourable) locking plate 30 holes cuttable

2.7 (3D contourable) locking plate wide (5, 6,7,8,9,10,11,12,14,16 holes)

3.5 (3D contourable) low profile (5, 6,7,8,9,10,11,12,14,16 holes)

3.5 (3D contourable) extra strong (5, 6,7,8,9,10,11,12,14,16 holes)



Plates can be contoured both vertically and horizontally with bending irons.  
All locking screws are made with special, more torque resistant hexalobular socket heads instead of hexagonal.

# TTA system

TTA cages are made of high quality titanium alloy, and are available in four different sizes such as 4.5mm, 6mm, 9mm, 12mm width.

- Easy insertion
- Bioinert material
- Competitive price
- Well developed instrument kit
- Well tried and tested system





The system was developed and tested by Dr. Zoltan Dioszegi at the Veterinary University of Budapest and resulted hundreds of succesfull cases. Dr. Diószegi is one of the founders of the Hungarian Small Animal Orthopaedic Association and an internationally renowned surgeon.



# Arthrodesis Locking plates

## **Pantarsal** (boomerang shaped 135 degree plates)

- 1.5 & 2.0 locking
- 2.0 & 2.4/2.7 locking
- 2.7 & 3.5 locking
- 2.7 & 3.5 large locking

## **Pancarpal**

- 1.5 & 2.0 locking
- 2.0 & 2.4/2.7 locking
- 2.7 & 3.5 locking
- 2.7 & 3.5 long locking





# Pelvis plates

Fractures of the pelvis are common and usually treated with one or two pieces of trauma locking plates, depending on the fracture location and type. Due to biomechanical reasons, achieving stable fixation can be challenging (for example at the Ilium).

Our aim was to develop a plate that provides superior fixation over traditional methods. This is achieved by using Scinova's double row locking plates. Cut to size and bend as needed, veterinarians have high degree of flexibility to achieve the best results.

Available sizes: 2.0, 2.4 and 2.7

Right and Left versions



The plate design was developed with Dr. Tamas Ipolyi - instructor at the Veterinary University of Budapest. The plates have been used with tremendous success in the fixation of difficult fractures.

# Mini T-locking plates

1.5 mini T-locking plates are available with:

- 2+5 holes
- 2+8 holes

2.0 locking versions are being developed.  
Orders can be placed.





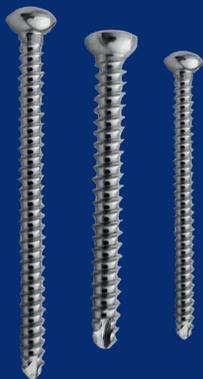
A successful surgery done by Dr. Antal Seregi of Felicavet Clinic.



## Traditional screws and wires

- Cortical screws 2.0, 2.7 and 3.5 with self tapping flute.
- K-wires with both sides trocar  
(0.8x100 and 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 2.2, 2.5, 3.0 Length=300mm)
- K-wires with negative threaded end  
(1.5x150, 2.0x150, 2.5x150)

\*All screws including cortical screws are also made with special, more torque resistant hexalobular socket heads instead of hexagonal.



# Instruments

- Depth gauges for 1.5 and 2.0 screws
- Depth gauges for 2.7 and 3.5 screws
- Drill bits in diameter: 1.1, 1.5, 1.8, 2.0, 2.1, 2.5, 2.7, 2.8
- Screw drivers with hexalobular bits (with plastic handles or quick coupling ends)
- Screw box (Can host 3 different diameter of screws, 6 pcs of each length)







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