

MEDICAL  
**4U**®

**MISHA VET**

**VETERINARY  
ORTHOPEDIC &  
SPINAL**



**Implants and Instruments**

"Primum, Non Nocere!"  
"First, Do Not Harm!"



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MISHA VET

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## INTRODUCTION



Mishavet, as a veterinary spinal and orthopaedic traumaproducts of 4U Medical company, is committed to maintaining the highest ethical, quality and compliance standards while meeting our customers' demands for surgical products.

- **Easy-to-use Solutions**
- **Enhanced Support**
- **Excellent Outcome**

Mishavet's products portfolio includes technically advanced implants and instruments:

- **100% Titanium Alloy (Ti6AlV4-ELI) Plates and Screws**
- **Sturdy Screwdriver bits are made of quality stainless steel**
- **Carefully engineered, portable, and comprehensive sets, implants and instruments**





*Phenix  
Polyaxial  
Screw Set*



### Phenix Polyaxial Screw Set Features

- Various types of disease can affect a small animal's spine.
- The purpose of spinal fixation is to restore and maintain disc space height and to increase the stability of the operated segment
- 'Spinal fusion' takes several vertebrae that were once articulating separately (but are now damaged) and joins them together to form one continuous structure
- Although this results in varying degrees of lost mobility for the dog, it does increase the stability of the spine overall. This can correct a multitude of issues, such as pain and immobility and provide the small animal with a better quality of life
- The system is a comprehensive solution for posterior thoracolumbar surgical cases and is widely used for the treatment of scoliosis, deformity and degenerative disc disease pathologies.

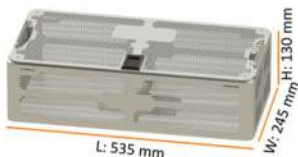




*Phenix  
Polyaxial  
Screw Set*

### Phenix Polyaxial Screw Set Features

- **The Phenix Spinal Set offers:**
  - Low profile system
  - Easy lock system
  - Cylindrical feature Self-Tapping
  - 40°-52° with Poly-axial screws
  - Implantable pedicle screws as poly-axial
  - Designed to minimize soft tissue interaction
  - Excellent anchoring stability of the implant guarantees lasting safety.
- Portable, only 7.20 kg,  
Instrument Container dimensions: 535x245x130mm







## Phenix Polyaxial Screw Set

### Polyaxial Screws



Code #	Description	Hole/Size (Ea)/(mm)	Qty in Set (EA)
4UPS2014	Polyaxial Screw, Ø2,0 mm	14	4
4UPS2016	Polyaxial Screw, Ø2,0 mm	16	8
4UPS2018	Polyaxial Screw, Ø2,0 mm	18	8
4UPS2020	Polyaxial Screw, Ø2,0 mm	20	4
4UPS2514	Polyaxial Screw, Ø2,5 mm	14	4
4UPS2516	Polyaxial Screw, Ø2,5 mm	16	8
4UPS2518	Polyaxial Screw, Ø2,5 mm	18	8
4UPS2520	Polyaxial Screw, Ø2,5 mm	20	4
4UPS3524	Polyaxial Screw, Ø3,5 mm	24	8
4UPS3526	Polyaxial Screw, Ø3,5 mm	26	8
4UPS3528	Polyaxial Screw, Ø3,5 mm	28	8
4UPS3530	Polyaxial Screw, Ø3,5 mm	30	8







*Phenix  
Polyaxial  
Screw Set*

## Polyaxial Screws & Transverse Connectors



Code #	Description	Hole/Size (Ea)/(mm)	Qty in Set (EA)
4UPS4526	Polyaxial Screw, Ø4,5 mm	26	8
4UPS4528	Polyaxial Screw, Ø4,5 mm	28	8
4UPS4530	Polyaxial Screw, Ø4,5 mm	30	8
4UPS4534	Polyaxial Screw, Ø4,5 mm	34	8
4UPS4536	Polyaxial Screw, Ø4,5 mm	36	8
4UPS4540	Polyaxial Screw, Ø4,5 mm	40	8
4UTC2525	Transverse Connector, Ø2.5	25	1
4UTC2535	Transverse Connector, Ø2.5	35	1
4UTC2545	Transverse Connector, Ø2.5	45	1
4UTC3535	Transverse Connector, Ø3.5	25	1
4UTC3545	Transverse Connector, Ø3.5	35	1
4UTC3555	Transverse Connector, Ø3.5	45	1





Phenix  
Polyaxial  
Screw Set

### Lateral Connectors & Ø2.5 Rods



Code #	Description	Hole/Size (Ea)/(mm)	Qty in Set (EA)
4ULC2510	Lateral Connector, Ø2.5	10	1
4ULC2512	Lateral Connector, Ø2.5	12	1
4ULC2514	Lateral Connector, Ø2.5	14	1
4ULC3514	Lateral Connector, Ø3.5	14	1
4ULC3516	Lateral Connector, Ø3.5	16	1
4ULC3518	Lateral Connector, Ø3.5	18	1
4USR2530	Rod, Ø2.5	30	1
4USR2545	Rod, Ø2.5	45	1
4USR2560	Rod, Ø2.5	60	1
4USR2575	Rod, Ø2.5	75	1
4USR2533	Rod, Ø2.5	300	1





# Phenix Polyaxial Screw Set

## Ø3.5 Rods



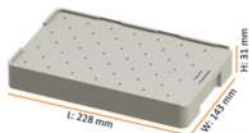
Code #	Description	Hole/Size (Ea)/(mm)	Qty in Set (EA)
4USR3540	Rod, Ø3,5	40	1
4USR3560	Rod, Ø3,5	60	1
4USR3580	Rod, Ø3,5	80	1
4USR3511	Rod, Ø3,5	100	1
4USR3533	Rod, Ø3,5	300	1





### Macy Mini Set Features

- Especially created for breeding dogs and cats, but not limited to
- Pre-contoured anatomical design
- Locking ( $\varnothing 1.9$  &  $\varnothing 2.0$ mm) and Non-Locking ( $\varnothing 2.0$ mm) Cortical Screws
- Plate thickness: 1.2–2.0 mm
- Variable-angled locking T plate up to  $\pm 12^\circ$
- Minimally invasive plate osteosynthesis (MIPO) plate option
- Titanium Alloy (Ti6Al4V, ELI) material, same with human material and process
- Left & right plate variations for anatomical match
- Limited contact shape for better osteointegration
- Different-colored products for easy separation & usage
- Various plate shapes
- Portable, only 1.40 kg,  
with dimensions: 228x143x31 mm



# Acetabular Plate



- For use with Ø1.9 mm locking cortical screws
- Fully anatomically designed for acetabular fractures



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0100	4	3.0	1.2	26	1

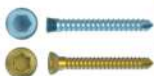




### LC Combihole Plate



- For use with Ø2.0 mm, both locking & non-locking cortical screws
- Offers the possibility of using two screws side by side
- Fully anatomically designed for humerus, femur, tibia, radius, etc. fractures
- Offers an angled locking technology
- Requires special LCP hole
- Offers Dynamic Compression



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0206	6	5.5	1.5	45	1
4UMP0207	7	5.5	1.5	52	1
4UMP0208	8	5.5	1.5	59	1
4UMP0209	9	5.5	1.5	66	1
4UMP0210	10	5.5	1.5	73	1



## L Plate



- For use with Ø1.9 locking and Ø2.0 non-locking cortical screws
- Fully anatomically designed for distal femur, distal radius, etc. fractures
- Thin and anatomical design matches with the bone surface



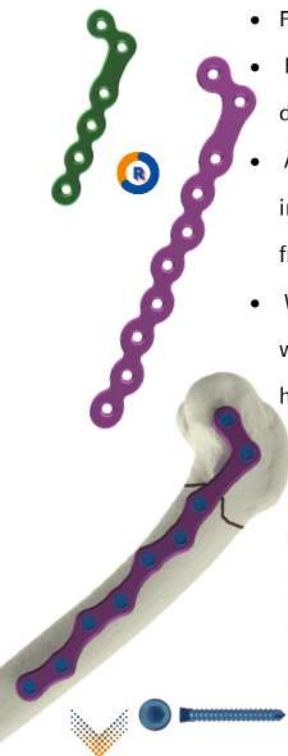
Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0301	4 / R	4.0	12	34	1
4UMP0302	4 / L	4.0	12	34	1







# Supracondylar Short/Long Plate L/R



- For use with Ø1.9 mm locking cortical screws
- Fully anatomically designed for distal femur, distal radius, etc. fractures
- Allows at least two locking screws to be inserted into the condylar in the distal fragment
- With its long or short options, it is designed with a solution oriented approach, no matter how difficult the fracture is

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0401	4 / R	6.0	1.8	37	1
4UMP0402	4 / L	6.0	1.8	37	1
4UMP0501	8 / R	6.0	1.8	62.5	1
4UMP0502	8 / R	6.0	1.8	62.5	1



## T Plate

- For use with Ø1.9 mm locking cortical screws
- Fully anatomically designed for distal radius etc. fractures
- Easily bendable head matches the bone



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Length (mm)	Qty in Set (EA)
4UMP0600	4	5.7	1.2	34.5	1





### Reconstruction / Reconstruction Cuttable Plate, 1.2 mm

- For use with Ø2.0 mm locking cortical screws
- Offers excellent solutions in hip fractures,
- It has versatile usage possibilities, such as femur, radius, humerus, tibia, radius/ulna fractures, jaw fractures, and scapular fractures
- Cuttable plate provides easy anatomical forming, and it can be
- Cuttable easily

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0704	4	4.9	1.0	22,5	1
4UMP0705	5	4.9	1.0	28,5	1
4UMP0706	6	4.9	1.0	35	1
4UMP0707	7	4.9	1.0	40.5	1
4UMP0720	20	4.9	1.0	118.5	1





## Reconstruction / Reconstruction Cuttable Plate, 1.5 mm



- For use with Ø2.0 mm locking cortical screws
- Offers excellent solutions in hip fractures,
- It has versatile usage possibilities, such as femur, radius, humerus, tibia, radius/ulna fractures, jaw fractures, and scapular fractures
- Cuttable plate provides easy anatomical forming, and it can be
- Cuttable easily

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0704	4	4.9	1.5	22,5	1
4UMP0705	5	4.9	1.5	28,5	1
4UMP0706	6	4.9	1.5	35	1
4UMP0707	7	4.9	1.5	40.5	1
4UMP0720	20	4.9	1.5	118.5	1





Macy Mini  
Set



### MIPO (Minimally Invasive Plate Osteosynthesis) Plate

- For use with Ø2.0 locking cortical screws
- Especially designed for long bone fractures in the femur and medial tibia in cats and dogs
- Suitable for minimally invasive applications



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0910	10	6.0	2.0	66	1
4UMP0912	12	6.0	2.0	78	1
4UMP0914	14	6.0	2.0	90	1



## Straight Plate



- For use with Ø2.0 locking & non-locking cortical screws
- The rigid design strengthens fractured surface of the bone, femur, humerus, radius/ulna, tibia, etc.
- Fully anatomically designed for distal femur, distal radius, etc. fractures

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP1007	7	5.0	1.2	41.5	1
4UMP1008	8	5.0	1.2	47	1
4UMP1107	7	5.0	1.5	41.5	1
4UMP1108	8	5.0	1.5	47	1





### T Combihole Plate



- For use with Ø1.9 mm locking and Ø2.0 non locking cortical screws
- Especially designed for rarely proximal and distal long bones humerus fractures, especially distal radius fractures union and problematic fractures in small dogs
- Offers special LC plate for distal radius fractures
- Offers dynamic compression

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP1200	6	6.0	1.5	67	1







## Macy Mini Set Locking & Non-Locking Cortical Screws

### Ø1.9 mm Locking Cortical Screw



- For use with Acetabular, LC Combi-hole, T, Supracondylar, L Plates
- In order to strengthen the driving, T6 Torx System is used
- For best locking of the plate, double pitch and angled head is used
- Length: (6, 8, 10, 12, 14, 16, 18, 20) mm

### Ø2.0 Locking / Non-Locking Cortical Screw



- For with Reconstruction, T-Combi-hole, MIPO, and straight plates
- In order to strengthen the driving, T8 Torx System is used
- For best locking of the plate, double-pitch and angled heads are used



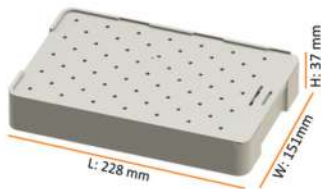
- The spherical design in the head of non-locking screws fulfill
- Length: (6, 8, 10, 12, 14, 16, 18, 20) mm





### Searcy Midi Set Features


- Especially created for slightly larger dogs and cats, but not limited to
- Pre-contoured anatomical design
- Locking ( $\varnothing 2.4$  &  $\varnothing 2.7$ mm) and Non-Locking ( $\varnothing 2.4$  &  $\varnothing 2.7$ mm) Cortical Screws
- Plate thickness: 2.5 mm
- Variable-angled locking T plate up to  $\pm 12^\circ$
- Titanium Alloy (Ti6Al4V, ELI) material, same with human material and process
- Limited contact shape for better osteointegration
- Different-colored products for easy separation & usage
- Various plate shapes
- Portable, only 1.40 kg, with dimensions: 228x151x37 mm










### T Combihole Plate



- For use with Ø2.4 mm or Ø2.7 mm locking & non-locking cortical screws
- It is a special design with angled locking technology and the possibility of using two locking cortical screws side by side
- Offers the possibility of using either locking cortical screw or dynamic compression in the special LCP hole
- It offers excellent results, especially in fractures such as distal radius and proximal tibia fractures, with its special design



		<b>Code #</b>	<b>Hole/Size (Ea)/(mm)</b>	<b>Width (mm)</b>	<b>Thickness (mm)</b>	<b>Lenght (mm)</b>	<b>Qty in Set (EA)</b>
							
		<b>4USP0100</b>	<b>6</b>	<b>8.0</b>	<b>2.5</b>	<b>78</b>	<b>1</b>
							

## Acetabular Plate



- For use with Ø2.4 mm or Ø2.7 mm locking cortical screws
- Fully anatomically designed for acetabular fractures



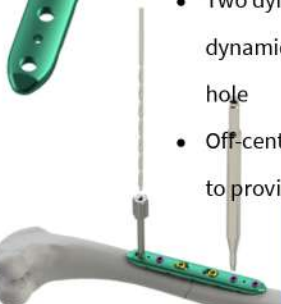
Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0200	6	5.0	2.5	46	1





### LC-DCP Plate

- For use with Ø2.4 mm or Ø2.7 mm locking & non-locking cortical screws
- Fully anatomically designed for long bones (humerus, tibia, femur, etc.) fractures
- Has a special design that provides two-way dynamic compression when using a locking screw
- Two dynamic compression holes in the center allow dynamic compression in both directions in the same hole
- Off-center locking cortical screw holes are essential to provide the strongest stabilization of this size



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0306	6	8.0	2.5	64	1
4USP0308	8	8.0	2.5	78	1
4USP0310	10	8.0	2.5	91	1
4USP0312	12	8.0	2.5	108	1





### LC Combihole Plate

- For use with Ø2.4 mm or Ø2.7 mm locking & non-locking cortical screws
- Designed for long bone fractures: (humerus, femur, tibia, etc.) of cats and dogs
- Offers the possibility of using locking or dynamic compression (non-locking cortical screw) in the same hole
- When angled screw use is preferred, it offers the opportunity to use an angled adjustment method in the hole with a cortical screw
- The most important difference from LC DCP plates is the possibility of setting angle screws in every hole



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Length (mm)	Qty in Set (EA)
4USP0406	6	8.0	2.5	72	1
4USP0408	8	8.0	2.5	94	1
4USP0410	10	8.0	2.5	116	1
4USP0412	12	8.0	2.5	138	1



### Straight Plate



- For use with Ø2.4 mm locking or Ø2.7 mm locking cortical screws
- The rigid design strengthens fractured surface of the bone, femur, humerus, radius/ulna, tibia, etc.
- It's simple and minimal design gives excellent results

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0506	6	7.5	2.5	49	1
4USP0507	7	7.5	2.5	56.5	1
4USP0508	8	7.5	2.5	64	1
4USP0509	9	7.5	2.5	71.5	1
4USP0510	10	7.5	2.5	79	1





### Reconstruction Plate



- For use with Ø2.4 mm locking or Ø2.7 mm locking cortical screws
- Has special-designed gaps that offer the advantage of easier and angled bending
- Provides strong stabilization with locking screw
- It can be used any fractured surface of the bone, such as the femur, humerus, radius, ulna, tibia, etc.
- It is a special design that offers excellent results in hip fractures and jaw fractures in dogs



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0604	4	7.0	2.5	28	1
4USP0605	5	7.0	2.5	35.5	1
4USP0606	6	7.0	2.5	43	1
4USP0607	7	7.0	2.5	50	1
4USP0608	8	7.0	2.5	58	1
4USP0609	9	7.0	2.5	65	1
4USP0610	10	7.0	2.5	73	1





## Searcy Midi Locking & Non-Locking Cortical Screws



### Ø2.4 / 2.7 mm Locking Cortical Screw



- For use with Acetabular, LC Combihole, T, LC-DCP, T Combihole, Reconstruction, and Straight Plates
- In order to strengthen the driving, T8 Torx System is used
- For best locking of the plate, double-pitch and angled head are used



- Length: (10, 12, 14, 16, 18, 20) mm

### Ø2.4 / 2.7 mm Non-Locking Cortical Screw



- For with T Combihole, LC Combihole, LC-DCP,
- In order to strengthen the driving, Hex 2.0 System is used
- For best locking of the plate, double-pitch and angled head are used



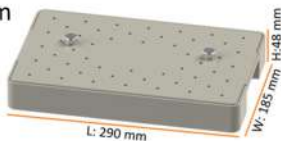
- Spherical design in the head of non-locking screws
- Length: (10, 12, 14, 16, 18, 20) mm





### Pourya Mix Set Features

- Especially created not only for breeds but also larger dogs and cats, but not limited to
- Pre-contoured anatomical design
- Locking ( $\varnothing 1.5$  &  $\varnothing 2.0$  &  $\varnothing 2.4$  &  $\varnothing 2.7$  &  $\varnothing 3.5$ mm) and Non-Locking Cortical ( $\varnothing 1.5$  &  $\varnothing 2.0$  &  $\varnothing 2.4$  &  $\varnothing 2.7$  &  $\varnothing 3.5$ mm) Screws
- Plate thickness: 1.0-3.5mm
- Variable-angled and different-sized locking T plates up to  $\pm 12^\circ$
- Titanium Alloy (Ti6Al4V, ELI) material, same with human material and process
- Limited contact shape for better osteointegration
- Different-colored products for easy separation & usage
- Various plate shapes
- Portable, only 1.40 kg, with dimensions: 290x185x48 mm



## Acetabular Plate



- For use with Ø1.9 mm locking cortical screws
- Fully anatomically designed for acetabular fractures



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0100	4	3.0	1.2	26	1



## Acetabular Plate



- For use with Ø2.4 mm or Ø2.7 mm locking cortical screws
- Fully anatomically designed for acetabular fractures



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0200	6	5.0	2.5	46	1

### LC Combihole Plate



- For use with Ø2.0 mm, both locking & non-locking cortical screws
- Offers the possibility of using two screws side by side
- Fully anatomically designed for humerus, femur, tibia, radius, etc. fractures
- Offers an angled locking technology
- Requires special LCP hole
- Offers Dynamic Compression



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0206	6	5.5	1.5	45	1
4UMP0207	7	5.5	1.5	52	1
4UMP0208	8	5.5	1.5	59	1
4UMP0209	9	5.5	1.5	66	1
4UMP0210	10	5.5	1.5	73	1



### LC Combihole Plate

- For use with Ø2.4 mm or Ø2.7 mm locking & non-locking cortical screws
- Designed for long bone fractures: (humerus, femur, tibia, etc.) of cats and dogs
- Offers the possibility of using locking or dynamic compression (non-locking cortical screw) in the same hole
- When angled screw use is preferred, it offers the opportunity to use an angled adjustment method in the hole with a cortical screw
- The most important difference from LC DCP plates is the possibility of setting angle screws in every hole



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Length (mm)	Qty in Set (EA)
4USP0406	6	8.0	2.5	72	1
4USP0408	8	8.0	2.5	94	1
4USP0410	10	8.0	2.5	116	1
4USP0412	12	8.0	2.5	138	1



### LC Combihole Plate



- For use with Ø3.5 mm locking & non-locking cortical screws
- Designed for long bone fractures of dogs: humerus, femur, tibia, etc.
- Allows the use of possibility locked or dynamic compression (non locking cortical screw) in the same hole
- When using an angled, non locking cortical screw, it offers the possibility of using an angled setting method with a non locking cortical screw in the hole
- The most important difference from LC DCP plates is the possibility of setting angled, non-locking cortical screws in every hole



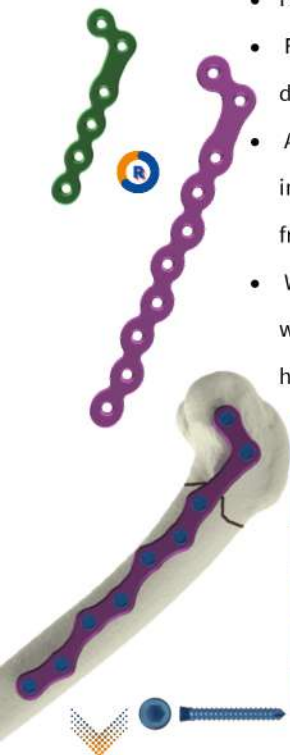
Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UQP0306	6	12	3.5	105	1
4UQP0308	8	12	3.5	125	1
4UQP0310	10	12	3.5	145	1
4UQP0312	12	12	3.5	165	1





## Supracondylar Short/Long Plate L/R

- For use with Ø1.9 mm locking cortical screws
- Fully anatomically designed for distal femur, distal radius, etc. fractures
- Allows at least two locking screws to be inserted into the condylar in the distal fragment
- With its long or short options, it is designed with a solution oriented approach, no matter how difficult the fracture is



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Length (mm)	Qty in Set (EA)
4UMP0401	4 / R	6.0	1.8	37	1
4UMP0402	4 / L	6.0	1.8	37	1
4UMP0501	8 / R	6.0	1.8	62.5	1
4UMP0502	8 / L	6.0	1.8	62.5	1

## T Plate

- For use with Ø1.9 mm locking cortical screws
- Fully anatomically designed for distal radius etc. fractures
- Easily bendable head matches the bone



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0600	4	5.7	1.2	34.5	1



### T Combihole Plate



- For use with Ø1.9 mm locking and Ø2.0 non locking cortical screws
- Especially designed for rarely proximal and distal long bones humerus fractures, especially distal radius fractures union and problematic fractures in small dogs
- Offers special LC plate for distal radius fractures
- Offers dynamic compression

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP1200	6	6.0	1.5	67	1



### T Combihole Plate



- For use with Ø2.4 mm or Ø2.7 mm locking & non-locking cortical screws
- It is a special design with angled locking technology and the possibility of using two locking cortical screws side by side
- Offers the possibility of using either locking cortical screw or dynamic compression in the special LCP hole
- It offers excellent results, especially in fractures such as distal radius and proximal tibia fractures, with its special design



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0100	6	8.0	2.5	78	1





### T Combihole Plate



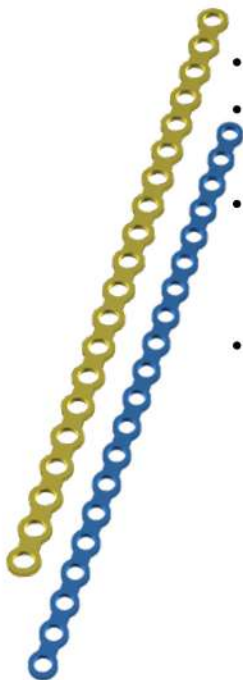
- For use with Ø3.5 mm locking & non-locking cortical screws
- It has a special design with angled locking technology and the possibility of using two locking cortical screws side by side
- Offers the possibility of using either locking cortical screw or dynamic compression in the special LCP hole
- Especially designed for rarely proximal and distal long bones (humerus, tibia fractures, especially distal radius fractures), union and problematic fractures in small dogs



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UQP0100	6	12	3.5	105	1



### Reconstruction Cuttable Plate, 1.0 mm / 1.5 mm



- For use with Ø2.0 mm locking cortical screws
- Offers excellent solutions in hip fractures in cats
- It has versatile usage possibilities, such as radius/ulna fractures, jaw fractures, and scapular fractures
- Cuttable plate provides easy anatomical forming, and it can be cut easily

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UMP0720	20	4.9	1.0	118.5	1
4UMP0820	20	4.9	1.5	118.5	1



### Reconstruction Plate



- For use with Ø2.4 mm locking or Ø2.7 mm locking cortical screws
- It has special-designed gaps that offer the advantage of easier and angled bending
- Provides strong stabilization with locking screw
- It can be used any fractured surface of the bone, such as the femur, humerus, radius, ulna, tibia, etc.
- It is a special design that offers excellent results in hip fractures and jaw fractures in dogs



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4USP0604	4	7.0	2.5	28	1
4USP0605	5	7.0	2.5	35.5	1
4USP0606	6	7.0	2.5	43	1
4USP0607	7	7.0	2.5	50	1
4USP0608	8	7.0	2.5	58	1
4USP0609	9	7.0	2.5	65	1
4USP0610	10	7.0	2.5	73	1





### Reconstruction Plate



- For use with Ø3.5 mm locking cortical screws
- It has specially designed gaps that offer the advantage of easier and more angled bending
- Provides strong stabilization with locking cortical screw
- It can be used any fractured surface of the bone, such as the femur, humerus, radius, ulna, tibia, etc.
- It is a special design that offers excellent results in hip fractures and jaw fractures in small animals



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UQP0404	4	10	3.5	46	1
4UQP0405	5	10	3.5	59	1
4UQP0406	6	10	3.5	71	1
4UQP0407	7	10	3.5	83	1
4UQP0408	8	10	3.5	96	1
4UQP0409	9	10	3.5	109	1
4UQP0410	10	10	3.5	122	1





**Pourya Mix Set Locking & Non-Locking Cortical Screws**



### **Ø1.5 mm Locking / Non-Locking Cortical Screw**



- For use with Acetabular, LC Combihole, T supracondylar, and L Plates



- In order to strengthen the driving, T6 Torx System is used
- For best locking of the plate, double-pitch and angled heads are used
- Length: (6, 8, 10, 12, 14, 16, 18, 20) mm

### **Ø2.0 mm Locking / Non-Locking Cortical Screw**



- For with T Combihole, LC Combihole, LC-DCP,
- In order to strengthen the driving, Hex 2.0 System is used
- For best locking of the plate, double-pitch and angled heads are used



- Spherical design in the head of non-locking screws
- Length: (10, 12, 14, 16, 18, 20) mm





## **Pourya Mix Set Locking & Non-Locking Cortical Screws**

### **Ø2.4 / 2.7 mm Locking Cortical Screw**



- For use with Acetabular, LC Combi-hole, T, LC-DCP, T Combi-hole, Reconstruction, and Straight Plates
- In order to strengthen the driving, T8 Torx System is used
- For best locking of the plate, double-pitch and angled head are used
- Length: (10, 12, 14, 16, 18, 20) mm

### **Ø2.4 / 2.7 mm Non Locking Cortical Screw**



- For with T Combi-hole, LC Combi-hole, LC-DCP,
- In order to strengthen the driving, Hex 2.0 System is used
- For the best locking of the plate, double-pitch and angled head are used
- Spherical design in the head of non-locking screws
- Length: (10, 12, 14, 16, 18, 20) mm





## Pourya Mix Set Locking & Non-Locking Cortical Screws



### Ø3.5 mm Locking Cortical Screw



- For use with T Combi-hole, LC-DCP,
- LC Combi-hole, Reconstruction,
- In order to strengthen the driving, Hex 2.5 System is used
- For the best locking of the plate, double-pitch and angled head are used
- Length: (14, 16, 18, 20, 22, 24, 26, 28, 30) mm

### Ø3.5 mm Non-Locking Cortical Screw



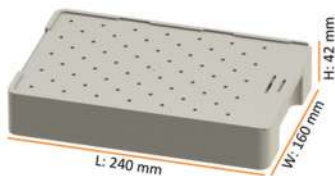
- For with T Combi-hole, LC-DCP, LC Combi-hole,
- In order to strengthen the driving, Hex 2.5 System is used
- For the best locking of the plate, double-pitch and angled head are used
- Spherical design in the head of non-locking screws
- Length: (20, 22, 24, 26, 28, 30) mm





### Quincy Maxi Set Features

- Especially created for larger dogs and cats
- Pre-contoured anatomical design
- Locking ( $\varnothing 3.5\text{mm}$ ) and Non-Locking ( $\varnothing 3.5\text{mm}$ ) Cortical Screws
- Plate thickness: 3.5 mm
- Variable-angled locking T plate up to  $\pm 12^\circ$
- Titanium Alloy (Ti6Al4V, ELI) material, same with human material and process
- Limited contact shape for better osteointegration
- Different-colored products for easy separation & usage
- Various plate shapes
- Portable, only 1.80 kg,  
with dimensions: 240x160x42 mm





### T Combihole Plate



- For use with Ø3.5 mm locking & non-locking cortical screws
- It has a special design with angled locking technology and the possibility of using two locking cortical screws side by side
- Offers the possibility of using either locking cortical screw or dynamic compression in the special LCP hole
- Especially designed for rarely proximal and distal long bones (humerus, tibia fractures, especially distal radius fractures), union and problematic fractures in small dogs



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UQP0100	6	12	3.5	105	1





### LC-DCP Plate



- For use with Ø3.5 mm locking & non-locking cortical screws
- Fully anatomically designed for long bones (humerus, tibia, femur, etc.) fractures
- It has special design that provides two-way dynamic compression when using a locked cortical screw, two dynamic compression holes in the center allow dynamic compression in both directions in the same hole
- Off-center-locked, non-locking cortical screw holes are of great importance as they provide the strongest stabilization of this size

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Length (mm)	Qty in Set (EA)
4UQP0206	6	12	3.5	105	1
4UQP0208	8	12	3.5	125	1
4UQP0210	10	12	3.5	145	1
4UQP0212	12	12	3.5	165	1





### LC Combihole Plate



- For use with Ø3.5 mm locking & non-locking cortical screws
- Designed for long bone fractures of dogs: humerus, femur, tibia, etc.
- Allows the use of possibility locked or dynamic compression (non locking cortical screw) in the same hole
- When using an angled, non locking cortical screw, it offers the possibility of using an angled setting method with a non locking cortical screw in the hole
- The most important difference from LC DCP plates is the possibility of setting angled, non-locking cortical screws in every hole



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UQP0306	6	12	3.5	105	1
4UQP0308	8	12	3.5	125	1
4UQP0310	10	12	3.5	145	1
4UQP0312	12	12	3.5	165	1





### Reconstruction Plate



- For use with Ø3.5 mm locking cortical screws
- It has specially designed gaps that offer the advantage of easier and more angled bending
- Provides strong stabilization with locking cortical screw
- It can be used any fractured surface of the bone, such as the femur, humerus, radius, ulna, tibia, etc.
- It is a special design that offers excellent results in hip fractures and jaw fractures in small animals



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UQP0404	4	10	3.5	46	1
4UQP0405	5	10	3.5	59	1
4UQP0406	6	10	3.5	71	1
4UQP0407	7	10	3.5	83	1
4UQP0408	8	10	3.5	96	1
4UQP0409	9	10	3.5	109	1
4UQP0410	10	10	3.5	122	1





## Quincy Maxi Set Locking & Non-Locking Cortical Screws



### Ø3.5 mm Locking Cortical Screw



- For use with T Combi-hole, LC-DCP,
- LC Combi-hole, Reconstruction,
- In order to strengthen the driving, Hex 2.5 System is used
- For the best locking of the plate, double-pitch and angled head are used
- Length: (14, 16, 18, 20, 22, 24, 26, 28, 30) mm

### Ø3.5 mm Non-Locking Cortical Screw



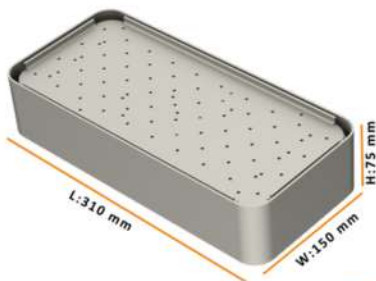
- For with T Combi-hole, LC-DCP, LC Combi-hole,
- In order to strengthen the driving, Hex 2.5 System is used
- For best locking of the plate, double-pitch and angled head are used
- Spherical design in the head of non-locking screws
- Length: (20, 22, 24, 26, 28, 30) mm





### Eugene XL Set Features

- Especially created for very large dogs and horses, but not limited to
- Pre-contoured anatomical design
- Locking ( $\varnothing 5.0\text{mm}$ ) and Non-Locking ( $\varnothing 4.5\text{mm}$ ) Cortical Screws
- Plate thickness: 4.5 / 5.5 mm
- Titanium Alloy (Ti6Al4V, ELI) material, same with human material and process
- Limited contact shape for better osteointegration
- Different-colored products for easy separation & usage
- Portable, only 2.3 kg,  
with dimensions: 310x150x75 mm



### LCP Narrow Plate



- For use with Ø5.0 mm locking & Ø4.5 mm non-locking cortical screws
- Narrow Locking Compression Plates are intended for the fixation of various long bones, such as the humerus, femur, and tibia.
- They are also for use in fixation of periprosthetic fractures, osteopenic bones, the fixation and nonunions or malunions in patients.

Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Length (mm)	Qty in Set (EA)
4UXL1006	6	14	4.5	124	1
4UXL1008	8	14	4.5	160	1
4UXL1010	10	14	4.5	196	1
4UXL1012	12	14	4.5	232	1



## LCP Broad Plate



- For use with Ø5.0 mm locking & Ø4.5 mm non-locking cortical screws
- Broad Locking Compression Plates are intended for the fixation of various long bones, such as the humerus, femur, and tibia. They are also for use in fixation of periprosthetic fractures, osteopenic bones, the fixation and nonunions or malunions in patients.

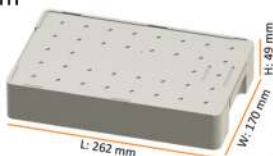
Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Lenght (mm)	Qty in Set (EA)
4UXL2006	6	18	5.5	123	1
4UXL2008	8	18	5.5	159	1
4UXL2010	10	18	5.5	195	1
4UXL2012	12	18	5.5	231	1





### Tracy TTA Set Features

- For small animals, breeds or older ones, TTA (Tuberositas Tibia Advancement) is the easiest and most preferred method among the extra capsular methods
- TTA Set was created to provide surgeons with real benefits to reduce iatrogenic damage to the bone, lower the risk of infection, speed the incorporation of the implant into the bone, ease pes anserinus reconstruction, reduce start-up, carrying, and overall costs, shorten surgery time, and deliver consistent execution with predictable outcomes.
- All the most-needed large cages, from 3.0mm to 15.0mm, are available in the TTA set. TTA set contains screwdriver, drill, plates, cages, saw guide, separator to open the bone without breaking, and spacer that is required to intervene in patellar luxation together with cruciate ligament rupture
- Portable, only 2.90 kg, with dimensions: 262x170x49 mm



### Tracy TTA Set Cages



Code #	Hole/Size (Ea)/mm	Width (mm)	Thickness (mm)	Qty in Set (EA)
4UTC0310	3	6	10	1
4UTC0313	3	6	13	1
4UTC0316	3	6	16	1
4UTC0319	3	6	19	1
4UTC4510	4.5	7	10	1
4UTC4513	4.5	7	13	1
4UTC4516	4.5	7	16	1
4UTC0613	6	8	13	1
4UTC0616	6	8	16	1
4UTC0619	6	8	19	1
4UTC0622	6	8	22	1
4UTC7516	7.5	8	16	1
4UTC7519	7.5	8	19	1
4UTC7522	7.5	8	22	1



### Tracy TTA Set Cages



Code #	Hole/Size (Ea)/(mm)	Width (mm)	Thickness (mm)	Qty in Set (EA)
4UTC0916	9	10	16	1
4UTC0919	9	10	19	1
4UTC0922	9	10	22	1
4UTC0925	9	10	25	1
4UTC1019	10.5	10	19	1
4UTC1022	10.5	10	22	1
4UTC1025	10.5	10	25	1
4UTC1219	12	10	19	1
4UTC1222	12	10	22	1
4UTC1225	12	10	25	1
4UTC1228	12	10	28	1
4UTC1322	13.5	10	22	1
4UTC1325	13.5	10	25	1
4UTC1328	13.5	10	28	1





### Tracy TTA Set Cages & Spacers



Code #	Hole/Size (Ea)/mm	Width (mm)	Thickness (mm)	Qty in Set (EA)
4UTC1525	15	10	25	1
4UTC1528	15	10	28	1
4UTC1531	15	10	31	1
4UTC2020	Ø2,0	10	2	5
4UTC2040	Ø2,0	10	4	5
4UTC2060	Ø2,0	10	6	5
4UTC2420	Ø2,6	10	2	5
4UTC2440	Ø2,6	10	4	5
4UTC2460	Ø2,6	10	6	5
4UTC2720	Ø2,9	10	2	5
4UTC2740	Ø2,9	10	4	5
4UTC2760	Ø2,9	10	6	5





### Tracy TTA Set Plates



Code #	Hole/Size (Ea)/(mm)	Side	Thickness (mm)	Qty in Set (EA)
4UTC0101	1	R	35	1
4UTC0102	1	R	42	1
4UTC0103	1	R	52	1
4UTC1501	1.5	R	65	1
4UTC1502	1.5	R	78	1
4UTC2001	2.0	R	91	1
4UTC2002	2.0	R	104	1
4UTC0111	1	L	35	1
4UTC0112	1	L	42	1
4UTC0113	1	L	52	1
4UTC1511	1.5	L	65	1
4UTC1512	1.5	L	78	1
4UTC2011	2.0	L	91	1
4UTC2012	2.0	L	104	1



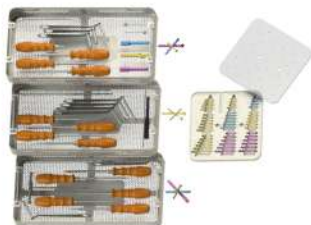
## Tracy TTA Set Non-Locking Cortical Screws

### Ø2.0 / Ø2.4 / Ø2.7 mm Non-Locking Cortical Screw



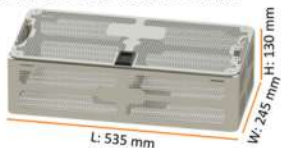
- Ø2.0 x 6, 8, 10, 12, 14, 16, 18, 20 mm
- Ø2.4 x 10, 12, 14, 16, 18, 20, 22, 24 mm
- Ø2.7 x 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm





### Tyler NCHH Set Features

- The development of cannulated screw systems took into particular account the need for secure primary fixation of the bone fragments.
- The use of K-wires considerably simplifies the preliminary fixation of bone fragments and the accurate insertion of the screw.
- The outstanding features of the Tyler Cannulated Screw System offer various advantages to the surgeon, resulting in a time-saving and safe operation.
- For fractures and joint reconstructions, cannulated screws can be used as minimally invasive osteosynthesis.
- Thereby, isolated fractures may be treated with cannulated screws.
- For complex fractures, cannulated screws can be used as additive osteosynthesis together with other implants such as nails, plates, and external fixators.
- Instrument Container dimensions: 535x245x130mm





## Tyler NCHH Set Cannulated Non-Locking Cortical & Headless & Herbert Screws



### ● Ø2.7 & Ø3.5 & Ø4.5 Nonlocking Cannulated Screws

- Ø2.7 x 20, 22, 24, 26, 28, 30 mm
- Ø3.5 x 24, 26, 28, 30, 34, 38 mm
- Ø4.5 x 25, 30, 35, 40, 45, 50 mm



### ● Ø2.5 & Ø3.5 & Ø5.0 Headless Cannulated Screws

- Ø2.5 x 16, 18, 20, 22, 24 mm
- Ø3.5 x 24, 26, 28, 30, 34, 38 mm
- Ø5.0 x 25, 30, 35, 40, 45, 50 mm



### ★ Ø2.5 & Ø3.5 & Ø5.0 Headless Cannulated Screws

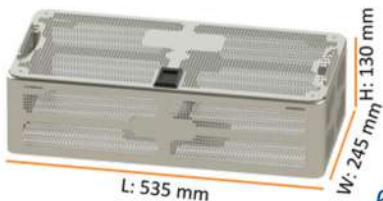
- Ø2.5 x 16, 18, 20, 22, 24 mm
- Ø3.5 x 24, 26, 28, 30, 34, 38 mm
- Ø5.0 x 25, 30, 35, 40, 45, 50 mm
















### Iowa Instruments Set Features

- Various types of instruments for orthopedic surgeries
- All instruments are made of high-quality stainless steel materials with adjustable angle to speed up recovery set compromises almost all necessary instruments for your convenience and is very complete set for performing orthopedic surgeries
- High quality, handcrafted instrumentation that meets the surgeon's requirements
- Orthopedic instruments conform to the highest standards of precision and reliability, consistency of pattern and lasting value.
- Portable, only 6,40 kg, with dimensions: 535x245x130mm















### Orthopedic Instruments

	Code #	Description	Hole/Size (Ea)/(mm)	Qty in Set (EA)
	4UTL0408	AO Quick Coupling Torque Limited Handle	0.8 Torque	1
	4UTL0415	AO Quick Coupling Torque Limited Handle	1.5 Torque	1
	4UTL0800	Holder	-	1
	4UTL0900	Retractor	Small	1
	4UTL0902	Retractor	Large	1
	4UTL1000	Hohmann Retractor	Small	1
	4UTL1002	Hohmann Retractor	Large	1
	4UTL1100	Mini Plate Bender	Mini	2
	4UTL1200	Depth Gauge	0-40 mm	1
	4UTL1300	Sharp Hook	-	1
	4UTL1400	Small Reduction Forceps with Point	Small	1
	4UTL1402	Small Reduction Forceps with Point	Large	1





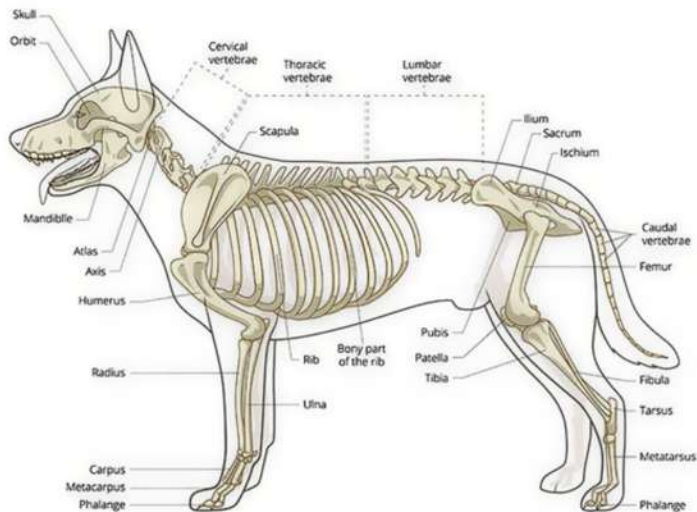
### Orthopedic Instruments

	Code #	Description	Hole/Size (Ea)/(mm)	Qty in Set (EA)
	4UTL1500	Screw Forceps	Small	1
	4UTL1600	Weitlander Retractor	Large	1
	4UTL1700	Plate Holder	-	1
	4UTL1800	Small Reduction Forceps	Small	1
	4UTL1900	Plate Cutter	-	1
	4UTL2000	Small Plate Bender	Small	2
	4UTL2100	Drill Sleeve 2.5,3.5	-	1
	4UTL2200	Small Self-Centering Bone Holding Forceps	Ø2.5,3.5	1
	4UTL2301	Tray 1	-	1
	4UTL2302	Tray 2	-	1
	4UTL2303	Tray 3	-	1
	4UIC0000	Container	-	1

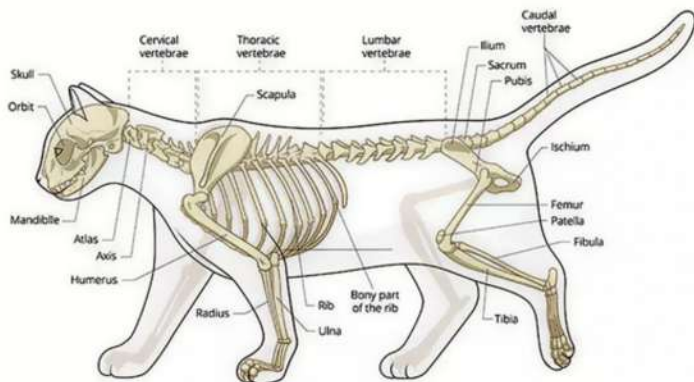


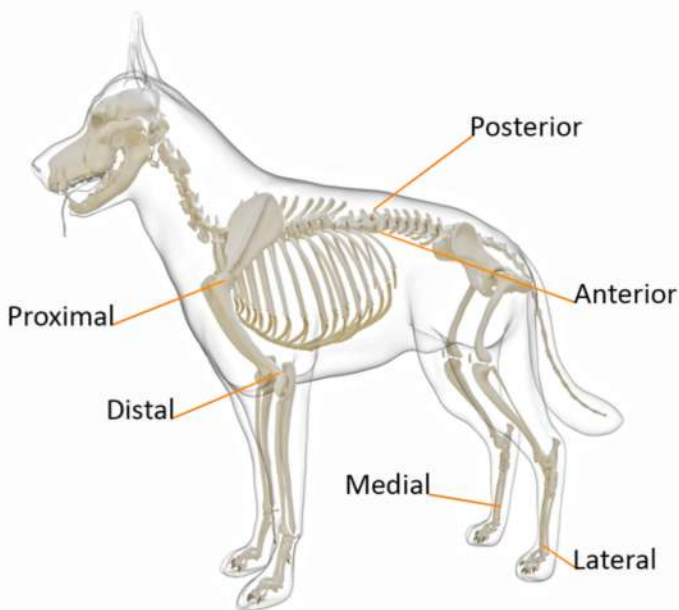


## Dog Bones



## Cat Bones







Notes





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