



# Arthroscopy

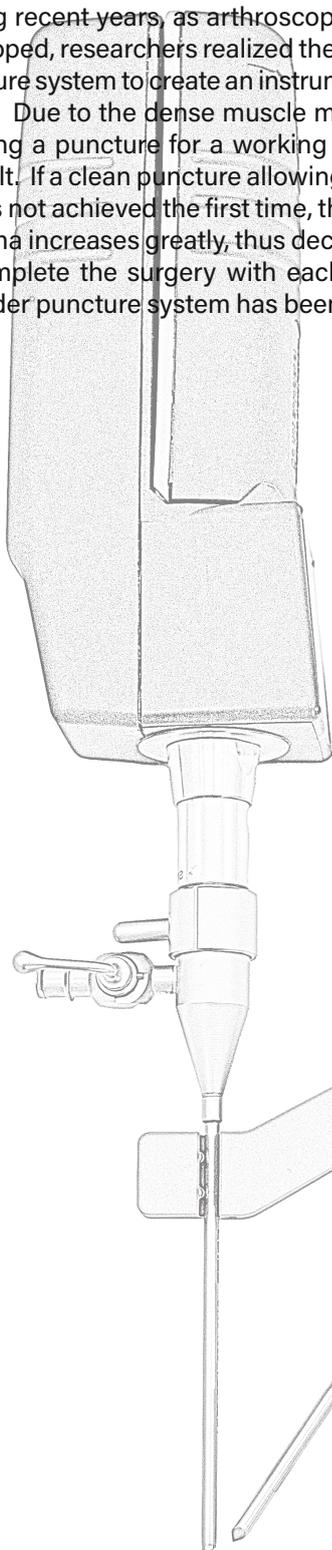
Puncture System acc. to Dr. Lehmann for the canine shoulder joint

## Innovation in small animal arthroscopy

Developed and tested at the Veterinary Faculty of Vienna, Austria

During recent years, as arthroscopy in small animals has developed, researchers realized the necessity of a specific puncture system to create an instrument portal in the larger joints. Due to the dense muscle mass in shoulder joints, creating a puncture for a working cannula is often quite difficult. If a clean puncture allowing access directly to the joint is not achieved the first time, the risk of a subsynovial oedema increases greatly, thus decreasing the time frame to complete the surgery with each failed puncture. The shoulder puncture system has been specifically designed

to help eliminate this risk. The system allows you to align your arthroscope accurately in the joint space. Simply attach the puncture system to the arthroscopic sheaths and maintain your arthroscopic vision in a parallel direction to the shoulder joint rim. At this point you will find the working triangulation portal in an ideal position. After a puncture is created with the desired trocar, simply replace the trocar with a working cannula and start working with your instruments.



Mounted puncture system

- **STA071-19**  
Target instrument acc. to Dr. Lehmann, for canine arthroscopy, comp. with S071-1933 and changing/puncture rod I-17-028
- **STA109-27**  
Target instrument acc. to Dr. Lehmann, for canine arthroscopy comp. with S109-2735 incl. changing/puncture rod I-17-028

Puncture Systems compatible with other manufactures on request.



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## Irrigation and Working Cannulas, Trocar Changing System acc. to VAN BREE

The trocar changing system acc. to VAN BREE allows the specific exchange of different working cannulas. Beginning with the smallest diameter, the surgeon can always change to a bigger diameter by using the changing rods. According to the different joints a so called „elbow set“ (working length 3,5-5 cm) and a „shoulder set“ (7-7,5 cm) is differentiated. In addition it is possible to change the working portal with the telescope portal using the changing rod. The color code system allows easy size differentiation.

### Set I-17-755

Working cannula set „**shoulder and elbow**“ acc. to van BREE consisting of:

- Set I-17-500
- Set I-17-700

Complete set



### Set I-17-500

Working cannula set „**elbow**“ acc. to van Bree, consisting of:

- **I-17-524**  
Working cannula incl. sharp obturator ID: 2,3mm WL 5,5cm, gold
- **I-17-528**  
Working cannula ID: 2,9mm WL 4,8cm, metal
- **I-17-535**  
Working cannula ID: 3,5mm WL 3,5cm, schwarz
- **I-17-024**  
Changing rod 2,3mm round / pointed, gold



I-17-024

### Set I-17-700

Working cannula set „**shoulder**“ acc. to van Bree, consisting of:

- **I-17-728**  
Working cannula incl. sharp obturator ID: 2,9mm WL 7,5cm, metal
- **I-17-735**  
Working cannula ID: 3,5mm WL 6,8cm, black
- **I-17-028**  
Changing rod 2,9mm round / pointed, metal



I-17-028

### I-17-535-G

Working cannula with thread ID:3,5mm, WL:3cm (can replace I-17-535)



### I-17-002

Sealing caps for small trocar cannulas opening: 2mm 5pcs.

### I-17-735-G

Working cannula with thread ID:3,5mm, WL:6,8cm (can replace I-17-735)

