



Special Thanks to  
Dr. Hugo Schmökel

# Small Animal **ARTHROSCOPY**

## ABOUT ARTHROSCOPY

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In the last few decades, arthroscopy in small animals has known a rapid expansion because of some important advantages. This minimally invasive technique allows a wide and detailed inspection of the intra-articular structures and their pathologic changes because of the enlargement by the arthroscope and camera. Fibrillation and superficial erosions of cartilage, fibers of (partially) ruptured ligaments, and the structure of synovial villi are details that can be evaluated during arthroscopy. These possibilities allow an accurate diagnosis and a better understanding of the intra-articular anatomy and pathology. Arthroscopy can be used to demonstrate discrete or early lesions without radiographic evidence. It allows a second look in joints that have been treated unsuccessfully via arthrotomy or arthroscopy.

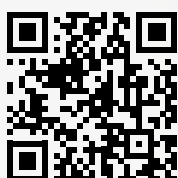
Several lesions can be treated via arthroscopy. In case of bilateral lesions, treatment of both joints can be performed during one anesthesia. Because of the limited surgical trauma, the postoperative care and risk for complications are minimal.

A prerequisite for successful arthroscopic interventions is good quality equipment to clearly visualize the intra-articular structures. It is also important to work with the correct instruments: they should be small yet strong and have an adapted shape.

Finally, training and exercise is needed before sufficient experience is reached to apply arthroscopy in the small sized joints and to adapt a different way of surgical handling.

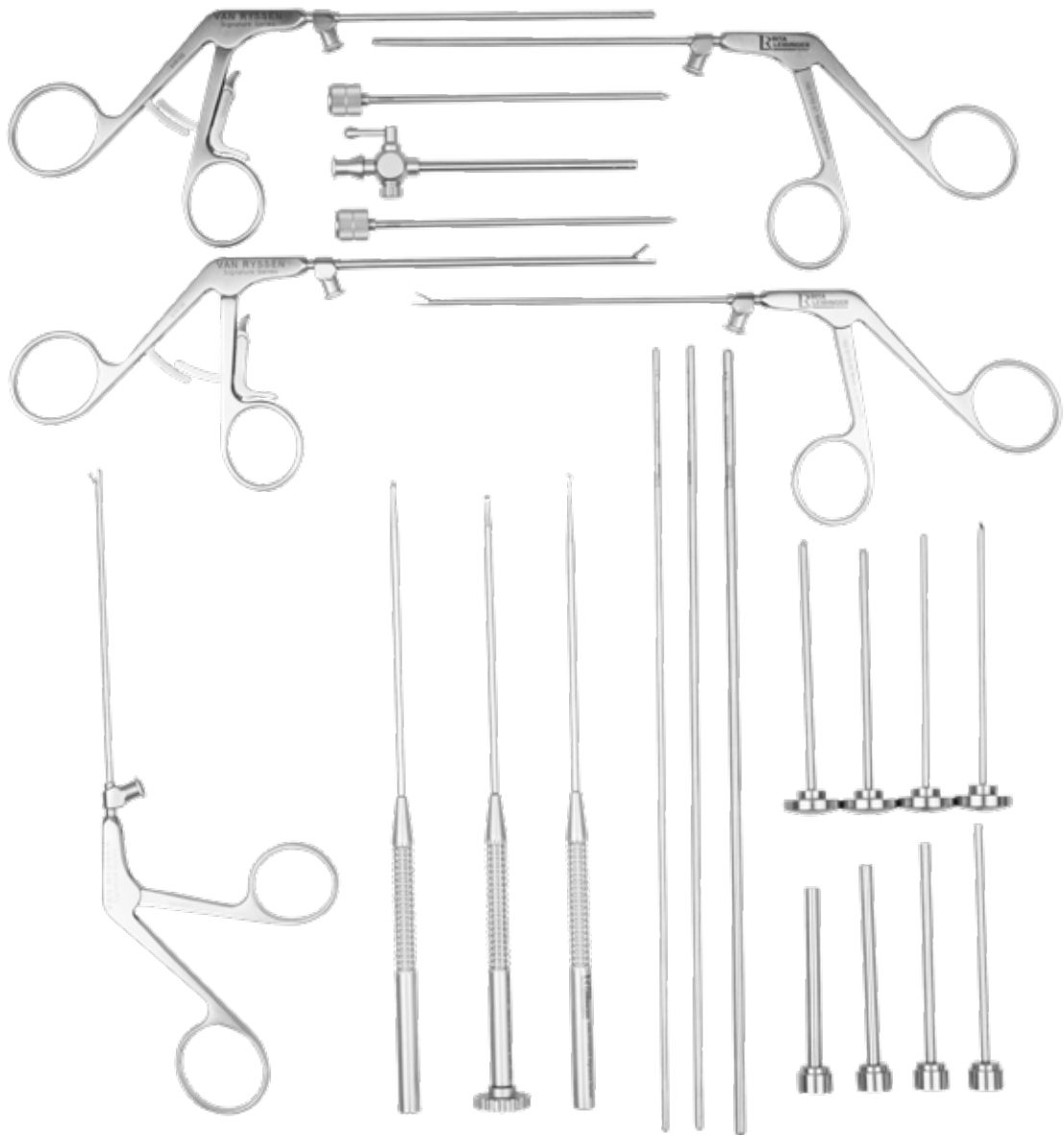
*Original English text from Prof. Dr. Van Ryssen*

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**arthroscopy.leibinger.vet**

Van Ryssen Arthroscopy Set

111-0016-00

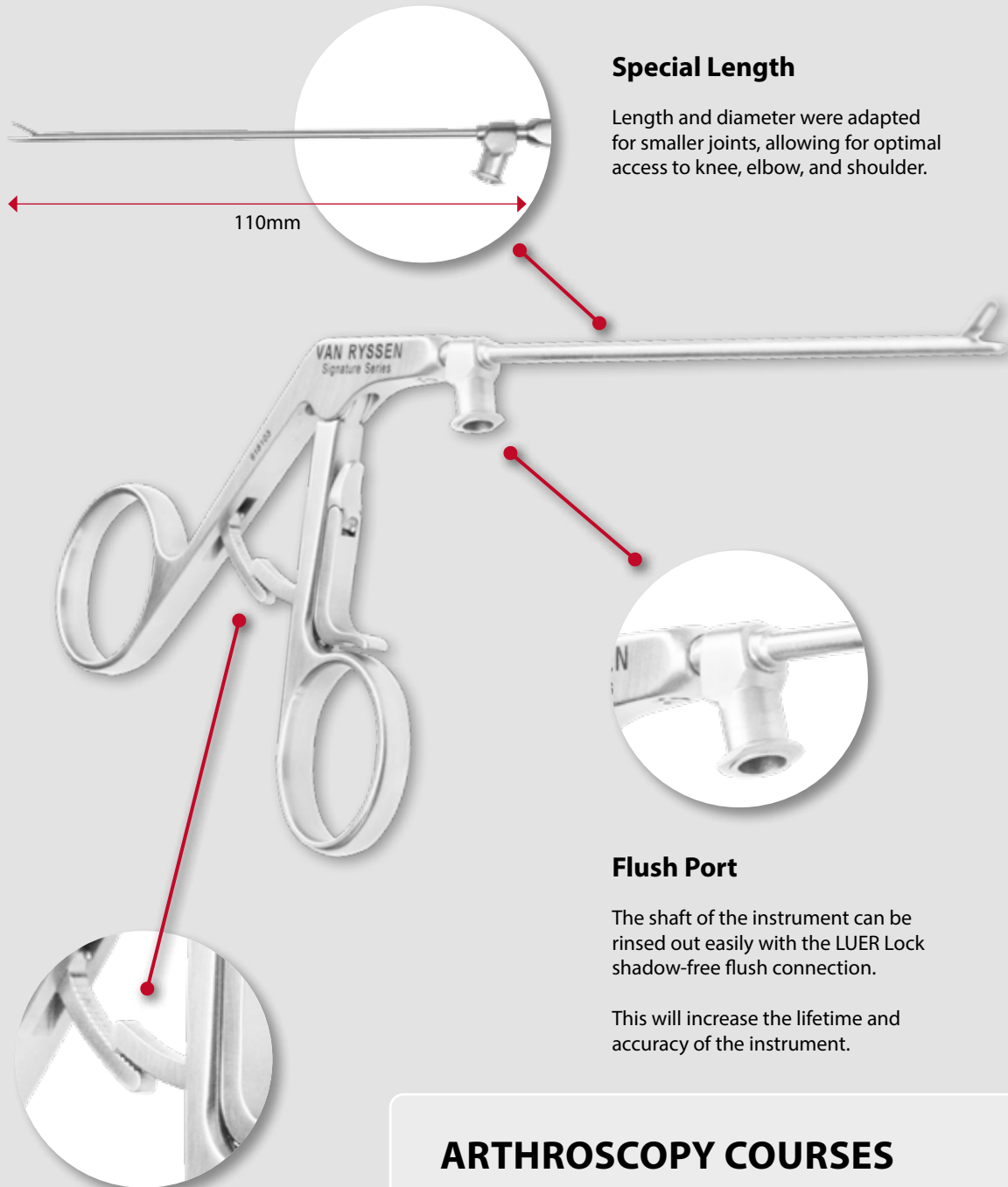


Product Code	Description
165-0100-21	Marking Rod 2.1 mm, working length 250 mm
165-0100-27	Marking Rod 2.7 mm, working length 250 mm
165-0100-34	Marking Rod 3.4 mm, working length 250 mm
162-0112-02	Grasping Forcep Alligator, $\varnothing$ 2.0 mm, with fine serration, with flush port, working length 110 mm
162-0146-02	Biopsy Spoon, with flush port, 110 mm working length, sharp, $\varnothing$ 2.0 mm
162-0169-30	Grasping Forcep, with spoon, 1x2 teeth, cross serrated, $\varnothing$ 3.0 mm, with flush port, working length 110 mm
162-0182-27	Hook Scissors, $\varnothing$ 2.7 mm, with flush port, working length 110 mm
162-0197-27	Biopsy Spoon, sharp, $\varnothing$ 2.7, cross serrated, with flush port, working length 110 mm, with ratchet
165-0110-15	Hook Probe, 1.5 mm
165-0110-23	Ball Head Burr, 2.3 mm
165-0120-15	Spoon Curette, small model, 1.5 mm
165-0150-32	Rinse Cannula, complete with Trocar/Obturator, 3.2 mm, with Stopcock
165-0100-00	4 Sheaths, 2.2 / 2.8 / 3.5 / 4.2 mm, 2 Trocar pyramid tip, 2 Obturators round



## Van Ryssen Series

*Intelligent design in collaboration with Prof. Dr. Bernadette van Ryssen*



### Special Length

Length and diameter were adapted for smaller joints, allowing for optimal access to knee, elbow, and shoulder.

110mm

### Flush Port

The shaft of the instrument can be rinsed out easily with the LUER Lock shadow-free flush connection.

This will increase the lifetime and accuracy of the instrument.

### Special Ratchet

Innovative ratchet mechanism for a quick switch between ratchet and ratchet-free working.

## ARTHROSCOPY COURSES

Learn Arthroscopy with Prof. Dr. Bernadette van Ryssen and other experts.

Explore available courses at our Academy page:

[academy.leibinger.vet](https://academy.leibinger.vet)



ACADEMY

Grasping Forcep Alligator

Hook Scissors

Biopsy Spoon Forceps

**Grasping Forcep Alligator**

Fine serration, with flush port  
2.0 mm, 110 mm Shaft

**162-0112-02**



**Hook Scissors**

Sharp, with flush port  
2.7 mm, 110 mm Shaft

**162-0182-27**



**Biopsy Spoon Forceps**

Sharp, with flush port  
2.0 mm, 110 mm Shaft

**162-0146-02**



**Biopsy Grasping Forceps**

With spoon, 1x2 teeth, with ratchet, flush port  
3.0 mm, 110 mm Shaft

**162-0169-30**



**Biopsy Spoon Forceps**

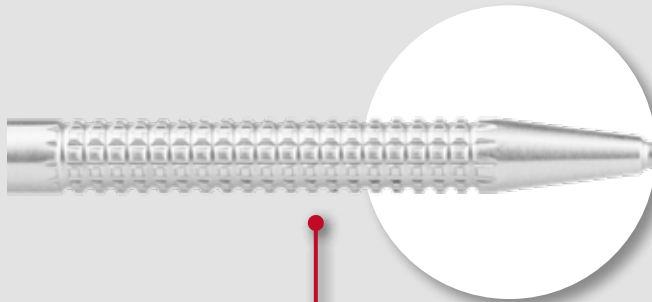
Cross serrated, with ratchet, flush port  
2.7 mm, 105 mm Shaft

**162-0197-27**



## Van Ryssen Signature Series

*RITA LEIBINGER MEDICAL proudly presents a new ergonomic grip design.*



### New Grip Design

The new anti-slip grip design is ergonomically well balanced and provides an easy control of the working end. This results in a fatigue-free surgery.



### Mushroom Handle for Ball Head Burr

The redesign of the mushroom handle, combined with a new grip design, allows the ball head burr to be used with greater accuracy and efficiency, saving time.



### Small Working Ends

The size of the working ends has been reduced, enabling precise fine work, particularly in small joints.

Hook Probe

Ball Head Burr

Knives

Hook Probe

Product Code	Description
165-0110-10	1.0 mm
165-0110-15	1.5 mm



Ball Head Burr

2.3 mm

165-0110-23



Spoon Curette

Product Code	Description
165-0120-15	1.5 mm
165-0120-30	2.7 mm



Banana Knife

2.5x12 mm

165-0130-00



Hook Knife

2.2 mm

165-0130-22



Elevator

Penfield Style, small  
2.5 mm

165-0140-00



Curette

2.7 mm with hole

165-0120-28



Meniscus Knife

2.5 mm

165-0130-25



Arthroscopy Standard Instruments

**Standard Instrument, 2.0mm**

Product Code	Description
162-0150-11	Hook Scissors, Ø 2.0mm shaft, 11cm long



**Standard Instrument, 3.4mm**

Product Code	Description
162-0190-34	Hook Punch Forceps, 3.4mm, straight, with scoop, 15cm long



**Standard Instrument with knurled handle (Ø 4.0mm)**

*"knurled" handle*



**Hook Knife**  
fine  
160-2401-00



**Meniscotome**  
5.0 mm  
160-2402-00



**Meniscotome**  
7.0mm  
160-2413-00



**Smillie-Meniscotome**  
3mm  
160-2408-00



**Meniscus Rasp**  
fine  
160-2420-00



**Meniscus Rasp**  
coarse  
160-2421-00



**ATTENTION: only while stocks last.**



## Arthroscopes

### Optics

Autoclavable up to 134°C / 273°F



	Product Code	Description
●	162-0016-30	2.0 mm / 110 mm / 30° Optic
▲	162-0017-30	2.4 mm / 96 mm / 30° Optic
■	162-1124-30	2.4 mm / 110 mm / 30° Optic
★	162-0013-30	2.7 mm / 110 mm / 30° Optic
✕	162-0018-30	2.7 mm / 187.5 mm / 30° Optic



### Shaft



	Product Code	Description
●	162-0021-20	2.0 mm / 110 mm / 30°, stop-cock
▲	162-0031-65	2.4 mm / 96 mm / 30°, stop-cock
■	162-1131-65	2.4 mm / 110 mm / 30°, stop-cock
★	162-0021-30	2.7 mm / 110 mm / 30°, stop-cock
✕	162-0021-45	2.7 mm / 187.5 mm / 30°, stop-cock



### Trokar



	Product Code	Description
●	162-0035-03	2.0 mm / 110 mm, sharp
▲	162-0035-22	2.4 mm / 96 mm, sharp
■	162-1135-22	2.4 mm / 110 mm, sharp
★	162-0035-14	2.7 mm / 110 mm, sharp
✕	162-0035-18	2.7 mm / 187.5 mm, sharp



### Obturator



	Product Code	Description
●	162-0036-03	OD 2.0 mm / 110 mm, blunt
▲	162-0036-22	OD 2.4 mm / 96 mm, blunt
■	162-1136-22	OD 2.4 mm / 110 mm, blunt
★	162-0036-14	OD 2.7 mm / 110 mm, blunt
✕	162-0036-18	OD 2.7 mm / 187.5 mm, blunt



### Arthroscopy Trocar Set

4 Sheaths, 2 Trocar pyramid tip, 2 Obturators

165-0100-00



Rinse Cannula Set

Mini Lambotte Osteotome

Arthroscopy Sterilization Storage

Rinse Cannula Set

Complete with Trocar/Obturator and Stopcock  
3.2 mm

165-0150-32



Marking Rods

Product Code	Description
165-0100-21	2.1 mm
165-0100-27	2.7 mm
165-0100-34	3.4 mm



Mini Lambotte Osteotome

12.5 m

Product Code	Description
23-3805-12	3.0 mm
23-3806-12	4.0 mm
23-3807-12	6.0 mm



Sterilization Storage System

includes

- Sterilization Basket Standard with Lid
- Sterilization Rack for Arthroscopy Ringhandle Instrument
- Sterilization Insert Rack for Arthroscopy Hand Instrument
- Sterilization Insert Rack for Arthroscopy Flush/Rinse Instrument (instruments not included)

165-5003-00



**Sterilization Container**

See Sterilization Containers for Implants and Instruments Trays on **Page 204**.

