

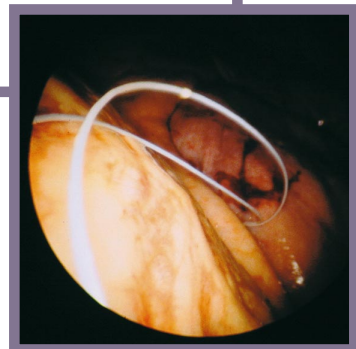
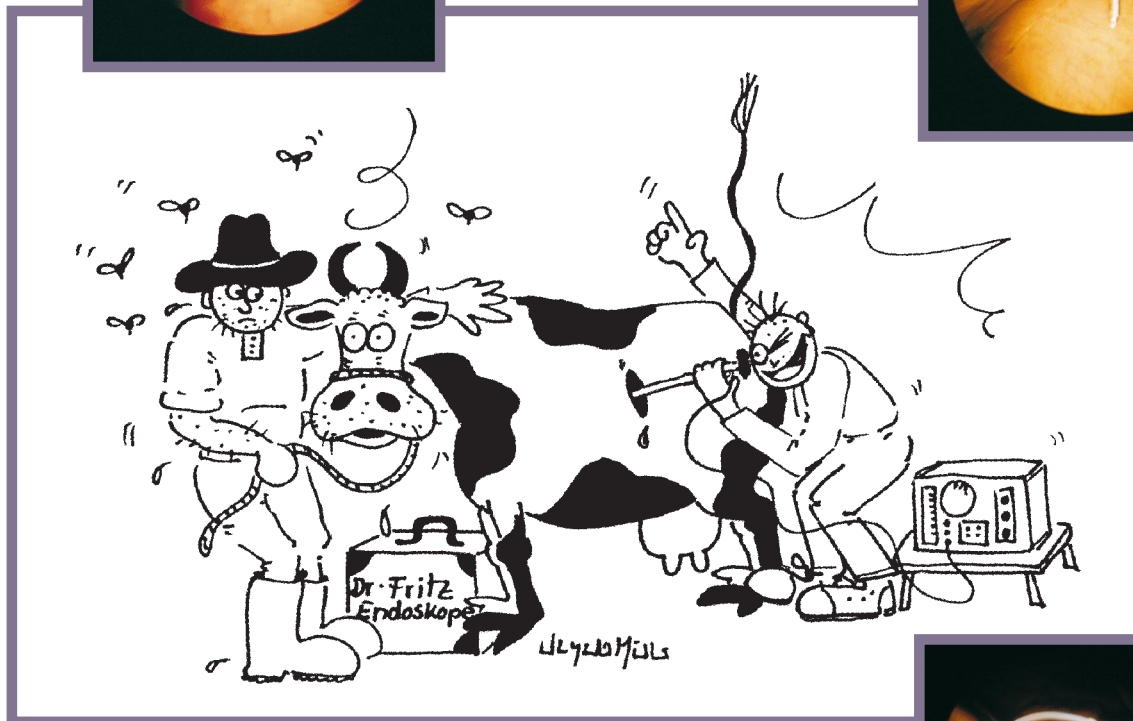
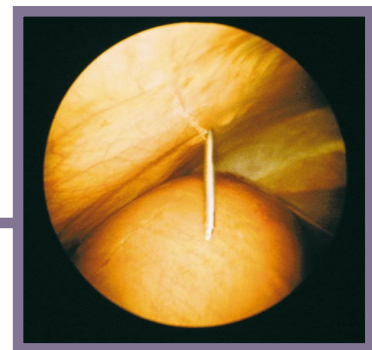
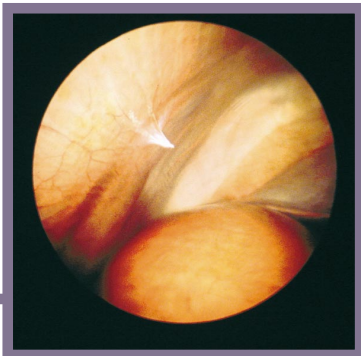
Dr. Fritz[®]
GmbH

Endoscopes and Video Systems

Vet-Info 15-5 E

Bovine, Large Animals

Equipment for laparoscopic repositioning
and fixation of abomasal displacement (acc to Dr. Janowitz),
accessories for standing upright position (acc to Dr. Christiansen)



Bovine Laparoscopy

Dr. Fritz, LLC · Louisville, KY/USA · www.dr-fritz.com · info@dr-fritz.com

Dr. Fritz GmbH · Tuttlingen / Germany · www.dr-fritz.de · info@dr-fritz.de

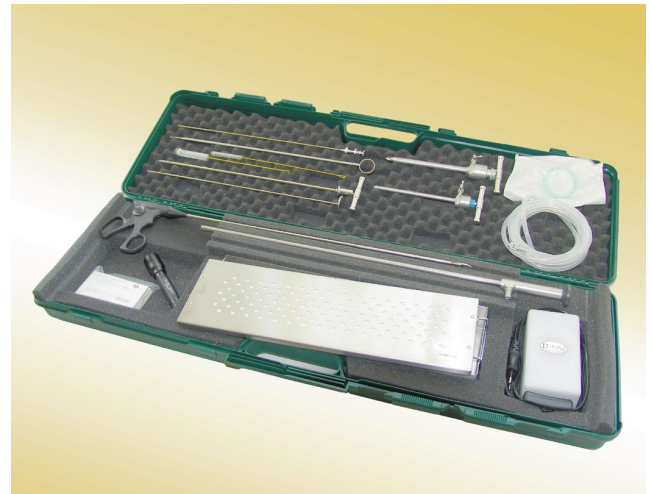
Dr. Fritz

Set for laparoscopic repositioning and fixation of abomasal displacement in cattle acc. to Dr. Janowitz

The Janowitz laparoscopy set is designed to correct displaced abomasum in cattle (L/RDA) via minimally invasive surgery. The procedure is performed in the non-medicated patient and it guarantees a safe and quick recovery. The surgery has a high success rate with low recidivism due to an abomasopexy of the repositioned abomasums under visual control.

The basic set LAB 231 with a practical carrying case contains all components needed to perform standard procedures. An optional 'Spieker-tool' is available for the advanced user to omit the step of the procedure where the patient is put in dorsal recumbency.

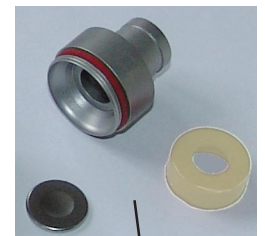
The instruments are made in Germany and meet the highest quality standards possible. The set is sturdy and designed to be used under field conditions. The set contains five improved safety toggles with a 35" durable double suture.



SET-LAB-231 The Janowitz basic set contains:

- wide angle endoscope, rigid (T420-8000V) with universal eye piece
- LED-battery light mini (LED-8-32), portable
- Suture grasping forceps (L-19-757) and grasping hook (L-19-461)
- Insertion probe with abomasal puncture needle (L-33-218)
- 2 Trocar/cannula assemblies 5mm and 8mm (234-200V/166V and 231-201V/166V)
- Toggle placing trocar with obturator (TR-40-350)
- 5 improved safety toggle with 35" double suture (LO-40-04)
- Carrying case (K-8427-11) and stainless steel tray (DE-4011-48)
- Inflation pump (H150-1-1)
- 2 cleaning brushes (DE-6-21 and DE-9-25)

SET-LAB-232 The advanced system with Sieker tool (by Christiansen)
= SET-LAB-231 plus 'Spieker Tool' for procedures in standing position (s. page Lap-R-4)



magnetic flap valve system disassembled w. valve flap (L) and sealing cap (R)

Endoscope, Trocar/Cannula assembly

- T420-8000V** Wide angle rigid endoscope, OD 8 mm, 0° angle, high lux safety version for ambulatory practice
- 234-200V** Cannula 8mm for endoscope, magnetic safety valve, insufflation port with stop cock, ID: 8 mm, WL: 12 cm, (see picture)
- 234-166V** Trocar 8mm, T-handle with pyramidal sharp tip, for 8mm trocar cannula, WL: 12 cm, (see picture)
- 231-201V** Cannula 5.5mm, for instruments, magnetic safety valve, ID: 5,5 mm, WL: 12 cm
- 231-166V** Trocar 5.5mm, T-handle with pyramidal sharp tip, for cannula ID: 5,5 mm, WL: 12 cm

Accessories:

- 234-211 Spare sealing caps, for trocar cannula 8 mm, p. of 10 pcs.
- 231-211 Spare sealing caps, for trocar cannula 5,5 mm, p. of 10 pcs.
- 230-215 Spare magnetic valve flap 8/10 mm, p. of 2 pcs.
- 231-215 Spare magnetic valve flap 5,5 mm, p. of 2 pcs.
- DE-6-21 Cleaning brush for tubes, size: 5 to 7 mm, 20 cm
- DE-9-25 Cleaning brush for tubes, size: 7 to 10 mm, 25 cm



- easy to use
- easy to clean
- long life span
- special trocar tip



T420-8000V

Instruments, Accessories



Safety toggle

- robust and break resistant (material)
- 90 cm double suture material
- increased stiffness of suture material to assist placement in abdomen
- with markings along the suture

LO-40-04 Safety toggle pin acc. to Dr. Janowitz, for laparoscopic abomasal fixation, 5 pcs.

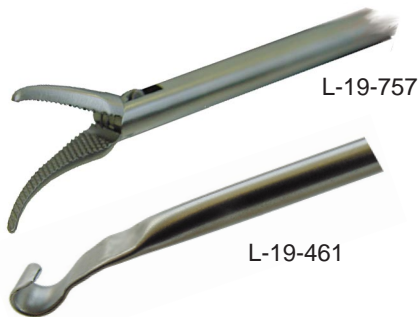
Needle, puncture system

L-33-218 Probe and abomasum puncture cannula
OD 5 mm, 33 cm

TR-40-350 Toggle placing trocar w. obturator (Janowitz)
OD: 5 mm, WL 35 cm, consisting of:
cannula only (TR-40),
trocar only (TR-40-3), obturator (TR-40-35)



Suture grasping forceps



L-19-757 Suture grasping & preparation forceps acc. to Dr. Janowitz, long version, OD: 5mm, WL: 46 cm, cleaning connector

L-19-746 Suture and preparation forceps acc. to Dr. Janowitz, specific version, OD: 5,5 mm, WL: 33 cm, cleaning connector
– short version: optional –

L-19-461 Suture grasping hook acc. to Dr. Meyer, 5 mm, 40 cm

Accessories – in addition to standard set



531.01H05V Metzenbaum scissors, 5 mm, 33 cm, curved insulated, dismantable, rotatable, plastic handle

531.60H01V Biopsy forceps, 5 mm, 33 cm, double action jaws, insulated, dismantable, rotatable

DE-3-456 Cleaning brush, for long tubes
ID: 2,5-5 mm, 6 pcs. (without picture)

Light sources – halogen – LED, for field practice



LED-8-44 LED accu light handle, high power SET, adjustable intensity, comp. to Fritz/Wolf, handle fully immersible, consisting of: handle only (LED-8-40), charger (LED-8-41), Li accu block 3,7V x 1Ah (LED-8-42)

LED-8-32 LED endoscope light handle, mini, 1,5 VDC, 90 g, comp. to Fritz/Wolf, including complete mignon battery AA

Spieker tool w. trocar



TR-78-766
completely mounted

for laparoscopic repositioning of LDA, in a standing upright position

Janowitz and Christiansen, Giessen 2003



Spieker, fully dismantled



TR-13-145

TR-78-766 Christiansen's spieker for large animals 1 m, consisting of:
outer tube TR-78-763
lancet TR-78-761,
inner tube TR-78-762

TR-13-145 Working trocar/cannula assembly ID 13 mm w. cannula (TR-145) and sharp trocar (TR-13)



Soak basin

DE-10-426 Soak basin for chemical solution disinfection consisting of basin /perforated)

Suction & inflation pump



H140-3S



H150-1-1

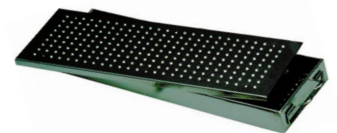
H140-3S Veterinary suction & irrigation pump, membran pump only, without accessories, vacuum: 4 L/min, 0,4bar, pressure: 4 L/min, 0,5bar (400mmHG)

H150-1-1 Inflation pump, small, 5 litre/min max. 0,25bar, **230VAC**;50/60Hz incl. silicon tube, LL (m)

H150-1-1X Inflation pump, small, 5 litre/min max. 0,25bar, **115VAC**;50/60Hz incl. silicon tube, LL (m), (without picture)

Transportation case and instruments container

for safe storage of your cold light source, instruments and telescopes



DE-4011-48 Sterilizing and storing case, stainless steel, lid perforated with textile filter size: 40x11x6 cm

K-8427-11 Case for storage and transport of telescopes and instruments, 84x27x11 cm,

Y-K-8427-13 Spare inlay for transportation case type K-8427-11, washable