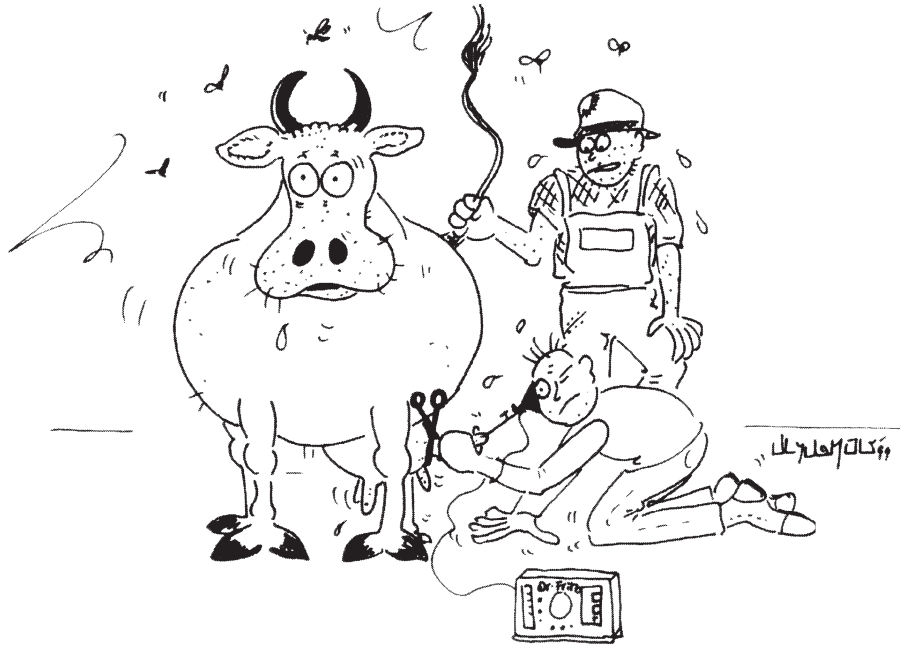


Bovine



Teat Endoscopy / Theloscopy

Minimal invasive treatment of teat disorders



WIRELESS Video Teat Endoscopy

Equipment for endoscopic and
diagnosis in cattle

115 2025

+49 (0)7777 / 882300 ■ dr.fritz@dr-fritz.de ■ www.dr-fritz.com

Dr. Fritz[®]
Wireless Endoscopes



Teat Endoscopy / Theloscopy

Treatment of teat disorders using minimal invasive techniques with teat endoscopy

The use of a lateral portal techniques in teat endoscopy by **Maximilian Medl** and **Klaus Querengässer** in 1994 has created a renaissance in research into teat disorders and treatment. Following their findings specific endoscopic equipment was developed to improve diagnosis and treatment.

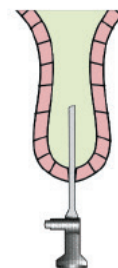
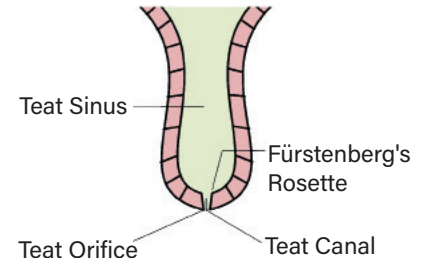


A further new generation of instruments completes the set: first a teat clamp to enable endoscopy, secondly a new teat knife with disposable blades and thirdly our stenosis cutter acc. to Eisenhut. We supply a suitable transport case to protect the scope and the instruments with additional parts. With our new **Keratelin** products we offer excellent and professional after care service.

Teat Set standard, SET-ZIZ-3

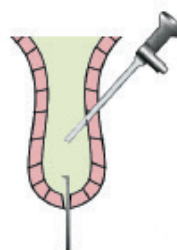
With battery handle, air pump and instruments

T141-3000	Wide angle telescope , 0°, OD: 3mm, WL: 14cm
S140-3001	Sheath , OD: 4mm, WL: 12cm
LED-8-32	Light handle , mignon battery AA, 1,5 VDC
ZB-5-3	Inflation pump , battery operated,
Z-40-05	Special teat probe
Z-44-85	Special teat clamp , with ratchet, size 12cm
Z-55	Teat knife acc.to Dr.Ebner,
Z-47-030	Stenoscutter D: 3,0 mm
Z-47-033	Stenoscutter D: 3,3 mm
DE-5-17	Cleaning brush , small, 17cm
DE2014-41	Sterilizing & storing case , 200x140x40mm
A79-IP6-SET	DIN Okular Lense with cover adaptor
K-4530-10	Special transportation case , for teat endoscopy



Conventional Technique:

Examination via teat canal
An examination of the teat sinus is possible but you can not see the Fürstenberg's Rosette, where 95% of the internal lesions occur. Parallel treatment through the teat canal is difficult.



Medi-Technique:

Examination and treatment via lateral teat wall. Only lateral perforation of the teat wall enables easy examination of the whole teat lumen and especially of the Fürstenberg's Rosette. Via teat canal treatment is possible under endoscopic control.

Please ask us or your customer service for a special quotation for your practice.

Literature: MEDL, M., K. QUERENGÄSSER et al.: Zur Abklärung und Behandlung von Zitzenstenosen mittels Endoskopie, Tierärztl. Prax. 1994, 22:532-7 / QUERENGÄSSER, K.: Diagnose u. Therapie v. Zitzenstenosen beim Rind mittels Endoskopie, Univers. Zürich, Diss. 1998 / SEEH, C., R. HOSPES: Erfahrungen mit einem Theloresektoskop, Tierärztl. Prax. 1998, 26(G):110-8



Teat Endoscopy /Theloscopy

Treatment of teat disorders using minimal invasive techniques with teat endoscopy

- Wireless video transmission
- For TV, notebook, PC
- Li battery
- Resolution 400x400



■ SET-Z6-VE

Video test endoscopy set Basic, 3,5 mm

wireless video endoscope with radio transmission 5,8GHz:

97-FU17	Wireless endoscope (VCS3), charger
TXL2-580M	5" monitor, receiver&recorder, battery operated
TR-04-84S	Sheath and trocar
K-4530-10	Transportation case
(without picture)	

■ SET-Z6-VIS

Video test endoscopy set Plus, 3,5 mm

wireless video endoscope with radio transmission 5,8GHz:

97-FU17	Wireless endoscope (VCS3), charger
TXL2-580M	5" monitor, receiver & recorder, battery operated
TR-04-84S	Sheath and trocar
ZB-5-3	Battery air pump/tube
Z-40-05	Palpation probe
Z-44-85	Teat clamp, 12 cm
Z-55	Teat knife acc. to Ebner
Z-47-030	Stenosiscutter D: 3,0 mm
Z-47-033	Stenosiscutter D: 3,3 mm
DE-5-17	Cleaning brush, 17 cm
DA2110-5	Storing case
K-4530-10	Transportation case



■ SET-Z6-EW Additional equipment (only in connection with VCS3, small animals)

to be used in teat endoscopy, consisting of:

TR-04-84S	Sheath and trocar
ZB-5-3	Battery air pump/tube
Z-40-05	Palpation probe
Z-44-85	Teat clamp, 12 cm
Z-55	Teat knife acc. to Ebner
Z-47-030	Stenosiscutter D: 3,0 mm
Z-47-033	Stenosiscutter D: 3,3 mm
DE-5-17	Cleaning brush, 17 cm
DA2110-5	Storing case
K-4530-10	Transportation case



Teat Endoscopy / Theloscopy

Standard instruments

The new standard



Teat knife acc. to EBNER

- handle with disposable blade
- blades easy to change and safe
- for each large animal practice

- Z-55** Teat knife acc. to Dr. Ebner, pat. locking system, handle and 1 blade (disposable)
- Z-55-2** Teat knife acc. to Dr. Ebner, pat. locking system, const. of: handle (Z-55) and 10 spare blades (Z-55-1)
- Z-55-1** Scalpel blades f. teat knife, 10pcs/b individually packed, sterile, comp. to handle type Z-55

The second generation

Stenosis cutter acc. to EISENHUT

- high quality tissue punch
- easy to clean



- Z-47-030** Stenoscutter acc. to EISENHUT, small
OD: 3mm, WL: 4,5cm,
color code: metal



- Z-47-033** Stenoscutter acc. to EISENHUT, large
OD: 3,3mm, WL: 4,5cm,
color code: gold



- Z-40-05** Special teat probe for teat canal measurement and palpation



- DE-5-17** Cleaning brush small, 17cm, for tubes
ID: 2 - 4mm, autoclavable, 1 pc.



Keratelin® Products

■ Keratelin® Teat products for teat care

Suture-Bandage Plug the natural solution

Z-99025-TH **KERATELIN „Thelasel“**
teat dilator, OD: 3 mm, box 24 pcs.,
sterile*

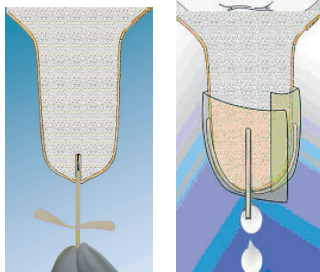
- The revolution in teat dairy care -



Breakage safe and stable.

Latest generation of natural teat canal plugs - first choice in any fresh cases of distal teat injuries
- plug and tape it -

KERATELIN "P2-Cath" Permanent Catheter

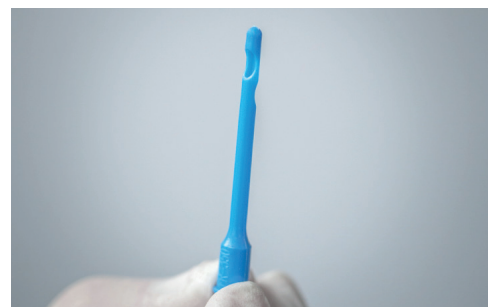


Z-99027 **KERATELIN „P2-Cath“**
acc. to Schlederer, 8 pcs.,
OD: 2,8mm, LL(w), individually packed,
sterile*

- For easy day milk release
- Easy and gentle to insert
- Fast milk flons

KERATELIN Milk Cannula professional teat care

Z-99055 **KERATELIN Milk Cancula,**
disposable, 100 pcs.
individually packed, sterile*



Extra large inner
diameter, available every time.

*Attention: sterile product -
return shipment not accepted