

# DISPLACED ABOMASUM SET



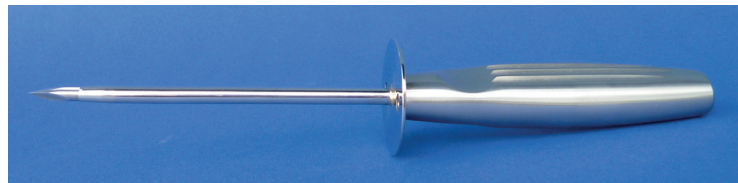
## TROCAR

### Product

The two-piece trocar, consisting of cannula and pin, is made of stainless steel. The pin is provided with a notch, which simplifies the drainage of liquids and gas. The handle is designed so that it fits well in the hand and cannot slip away. The cannula has 2 holes on the upper plate for easy attachment.

### Technical details

- Stainless steel
- Cannula length 110 mm, Ø 5 mm (inside)
- Pin 112 mm long with a sharp tip



	Unit	Order no.
Trocar for toggle placing	1 pc.	Z031

*For quality  
 &  
 safety*



[www.sutures.be](http://www.sutures.be)

## TOGGLES FOR GRYMER / STERNER

### Product

The Toggle Set was designed for the Grymer / Sterner abomasal relocation method and is available with either polyester or Supramid threads.

### Technical details

- ✓ Polyester thread 330 mm long + inox toggle 33 mm long, Ø 4 mm
- ✓ Supramid thread 330 mm long + inox toggle 40 mm long, Ø 4 mm

### History

The Grymer / Sterner LDA repair method was introduced in 1982 to close the gap between the blind stitch method and the omentopexy / abomasopexy method by laparotomy.

The main advantage of this method over the blindstitch method is that by using anatomical landmarks and testing the PH of the abomasum, it is possible to accurately determine whether the abomasum has been correctly stabilized.

Compared to abomasopexy, this is a minimally invasive procedure.

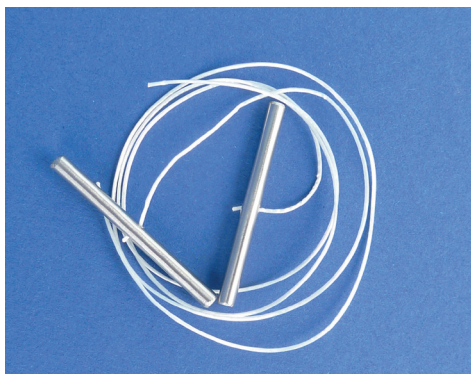
It uses the speed and minimal invasiveness of the blind stitch method coupled with the accuracy of the entire laparotomy.

### Method

The method can only be used on adult cattle when the abomasum is displaced to the left. The cow is placed on her back; via a trocar 2 stiches are made into the abomasum, the two toggles are inserted into the lumen and the thread ends are connected. This fixes the abomasa wall to the abdominal wall.

### Advantages

- ✓ The penetration of the Trocar opens the abdominal cavity only minimally
- ✓ Location of abomasum can be determined
- ✓ Often you get by without much instrumental effort
- ✓ Rapidly executable
- ✓ Antibiotics are rarely needed
- ✓ Cost-efficient



Toggles suture set	Unit	Order no.
Polyester 6 x 2 tubes	1 pc.	<b>Z030</b>
Supramid 6 x 2 tubes	1 pc.	<b>Z030S</b>

## TOGGLES FOR FOR ENDOSCOPY JANOWITZ METHOD

### Product

The Toggle Set was designed for the abomasal displacement method under endoscopy according to Janowitz.

### Technical details

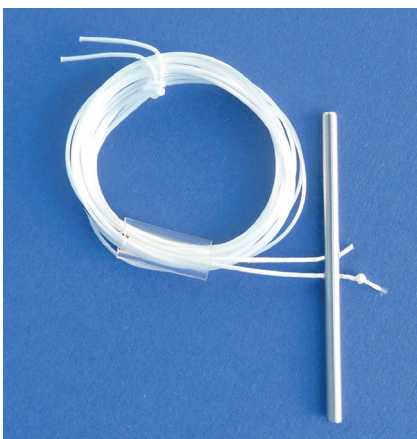
- ✓ Ø 3 mm, 55 mm long toggle with 2 threads of Supramid on which black markings are applied at a distance of 5 and 10 cm to the metal pin

### Method

The method can be used for the left displaced abomasum and the endoscopic procedure is also possible for the right displaced abomasum. A toggle is placed under laparoscopic control in the dorsal curve of the abomasum of the standing animal, the gas is released from the abomasum and then the threads of the toggle are pushed into the abdominal cavity. The animal is then brought into a supine position. Under laparoscopic control, the threads of the toggle are searched for, pulled out of the abdominal cavity and anchored to the right of the navel on a gauze bandage. After approx. 4 - 6 weeks the abomasum is then grown within the abdominal wall.

### Advantages

- ✓ With the endoscope the work can be done under visual control
- ✓ Wound infections are rare, in most cases antibiotics can be dispensed with
- ✓ Adhesions due to inflammatory processes can be detected



	Unit	Order no.
Toggles suture set 6 x 2 tubes	1 pc.	Z032