

# Dummy model for training of rectal purse string sutures in small animals

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## SCOPE OF THE METHOD

<b>The Method relates to</b>	Animal health
<b>The Method is situated in</b>	Education and training
<b>Type of method</b>	Other
<b>This method makes use of</b>	Other (e.g. bacteria)

## DESCRIPTION

### Method keywords

veterinary medicine

skillslab training

dummy

rectal purse string

## **Scientific area keywords**

Veterinary education

clinical training

## **Method description**

In the skillslab, dummy models and simulators are used for teaching various clinical skills. A rectal purse string suture is a commonly performed small surgical procedure in veterinary practice. An important part of this training process can be performed on a simulator in the skillslab.

## **Lab equipment**

Using a very simple technique, just using a pink disposable cleaning cloth and a stapler.

## **Method status**

History of use

Internally validated

## **PROS, CONS & FUTURE POTENTIAL**

### **Advantages**

The use of educational animal models in a skillslab offers a number of significant advantages:

- Reduced use of laboratory animals and reduced discomfort for patients, as procedures can be practised on dummy models and simulators before performing them on a live animal.
- Teaching of clinical skills in a quiet and safe environment, reducing anxiety and

stress for the veterinary student.

- Complex practical skills can be split into a number of small steps when practising them in the skillslab.

## **Challenges**

- Clinical training on live animals as well.
- Creating and repairing the home-made models is time consuming for a large group of students. This model, however is very easy to make.

## **Modifications**

Further optimisation of home-made models and purchasing available commercial models.

## **Future & Other applications**

Training for lab animal surgical procedures.

## **REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION**

### **References**

The model was presented at the 10th Show & Tell event of the clinical skills and simulation forum (see instructions attached).

### **Associated documents**

[Rectal-Purse-String-Model-Valentine-Martle.pdf](#)

## **PARTNERS AND COLLABORATIONS**

**Organisation**

**Name of the organisation** Ghent University (UGent)

**Department** Veterinary skillslab

**Country** Belgium

*Coordinated by*



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