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

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Organisation
Name of the organisation Ghent University (UGent)
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SCOPE OF THE METHOD

<table>
<thead>
<tr>
<th>The Method relates to</th>
<th>Animal health</th>
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</thead>
<tbody>
<tr>
<td>The Method is situated in</td>
<td>Education and training</td>
</tr>
<tr>
<td>Type of method</td>
<td>Other</td>
</tr>
</tbody>
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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