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

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Organisation

Name of the organisation Ghent University (UGent)

Department Veterinary skillslab

Country Belgium

SCOPE OF THE METHOD

The Method relates to	Animal health
The Method is situated in	Education and training
Type of method	Other

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 optimalisation 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