

## Equine dummy models for training of handling techniques

Created on: 08-02-2023 - Last modified on: 10-02-2023

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### **Organisation**

Name of the organisation Ghent University (UGent)
Department Veterinary skillslab
Country Belgium
Geographical Area Flemish Region

### SCOPE OF THE METHOD

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

## **DESCRIPTION**

## **Method keywords**

veterinary medicine dummy skillslab training Animal handling horse

### Scientific area keywords

Veterinary education clinical training

## Method description

In the skillslab, dummy models and simulators are used for teaching various clinical skills. The veterinarians in training need to learn how to handle horses in a correct and safe way. Although training on living animals is indispensable, a part of the training process can be performed on equine dummy models in the skillslab.

### Lab equipment

- ° Home-made low fidelity models: nose twitch model
- ° Commercial high-fidelity models (koeierij.nl; https://www.vetsimulators.com; foal: Melissa and Doug)

#### Method status

Still in development 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

High cost of models, clinical training on live animals needed as well.

#### **Modifications**

Further optimalisation of home-made models and purchasing available commercial models. Virtual/augmented reality can be added.

## **Future & Other applications**

Training for canine lab animal examination.

# REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

### **Associated documents**

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