

# Small animal dummy models for training of thoracic or heart compressions (CPR)

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### **Contact person**

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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 CPR 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 rescuscitate an animal. A first important part of this training process can be performed on dummy models and simulators in the skillslab. Lab equipment Commercial dummies: - Critical care Jerry (https://rescuecritters.com/product/critical-care-jerry/) - dog model for X-ray positioning (Rhosyn designs) with flexible sternum Home-made dummies: - stuffed toy cat with skeleton **Method status** Still in development History of use

# 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,

- Creating and repairing the home-made models is time consuming for a large group of

students.

**Modifications** 

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

**Future & Other applications** 

Training for lab animal procedures.

REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

**Associated documents** 

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