

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

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## Organisation

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

**Department** Veterinary skillslab

**Country** Belgium

## 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

## 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 resuscitate 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 optimisation 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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