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

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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