

## Canine dummy models for training of oftalmoscopy and otoscopy

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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: Dummy models and simulators |

## DESCRIPTION

### Method keywords

veterinary medicine  
dummy  
skillslab training  
oftalmoscopy  
otoscopy

### 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 do an oftalmological and otoscopic examination. An important part of this training proces can be performed on dummy models in the skillslab.

### Lab equipment

Home-made models:  
- canine model for fundoscopic examination (see reference)  
- canine models for otoscopic examination

### 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

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 surgical procedures.

## REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

### References

J Vet Med Educ 2015;42(2):133-9. doi: 10.3138/jvme.1014.100R. Validation of a model for teaching canine fundoscopy. Nibblett et al.

### Associated documents

[IMG\\_3357.JPG](#)

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