

# Koken rat for teaching oral gavage and blood sampling

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## PARTNERS AND COLLABORATIONS

### Organisation

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

**Department** Department of Pathology, Bacteriology and Avian Diseases

**Country** Belgium

**Geographical Area** Flemish Region

## SCOPE OF THE METHOD

<b>The Method relates to</b>	Animal health, Human health, Other: Education of persons working with laboratory animals
<b>The Method is situated in</b>	Education and training
<b>Type of method</b>	Other: Silicone rat model

## DESCRIPTION

### Method keywords

Oral gavage

blood sampling

Animal handling

### Scientific area keywords

education

training

## Method description

This silicone rat is designed for training persons to perform oral gavage of fluids and for learning how to perform blood sampling from the lateral tail vein.

## Lab equipment

26g needles ;  
Syringes.

## Method status

History of use

## PROS, CONS & FUTURE POTENTIAL

### Advantages

It is possible to train persons for performing these techniques without sacrificing animals. It is a good start for people that have no experience at all and also nice to use in a practical where students that do not intend to ever work with rats (or other lab animals) are present.

### Challenges

The model has only a limited value since there are quite a lot of differences with real rat tails and the flexibility of the rat is also very limited making it impossible to use certain gavage tubes. It is also quite expensive (certainly the spare tails) and not all tails are from equal quality.

### Modifications

I do not have it yet, but I am thinking to possibly switch to the curvet rat, a similar model that can also be used to learn subcutaneous injections.

## REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

### Associated documents

#### Links

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