



AI-generated illustration

ENTERING THE ARENA: A 360° VR TOOL TO EXPLORE AND UNDERSTAND CANINE SOCIAL RESPONSES

VIVES University of Applied Sciences, Belgium

Research group Animal Behaviour

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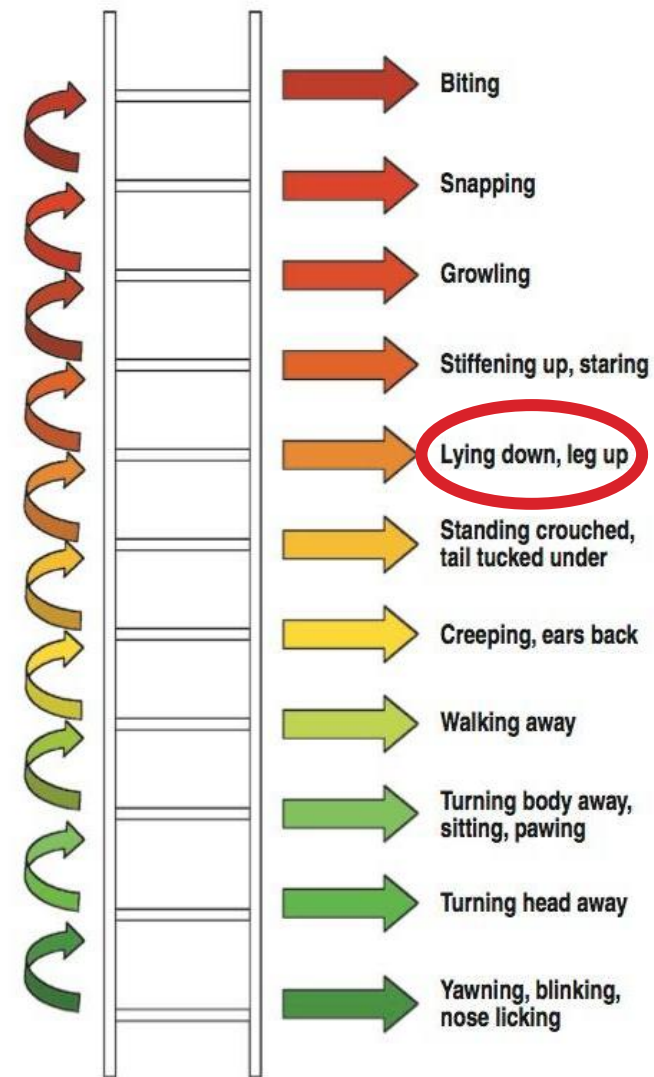
Christel Moons

Judith Hoste

Understanding dog communication

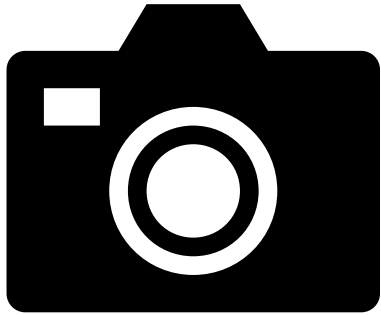


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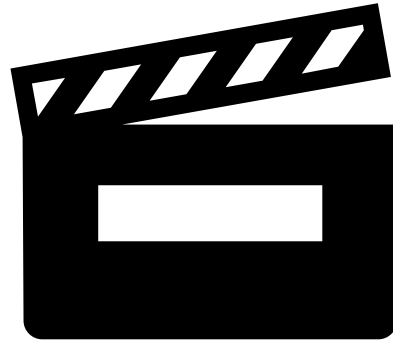


BSAVA Manual of Canine and Feline
Behavioural Medicine, 2nd edition (2009)

Teaching dog behaviour



Photographs



Video's



Live demonstrations

Set up



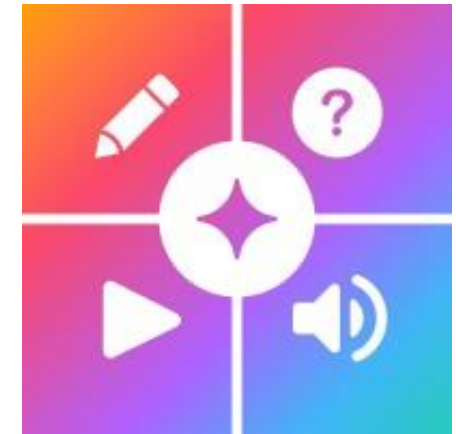
360° camera



Harness



Tablet



Thinglink

Filmsetting



CASOP-test

Demonstration



Thinglink platform

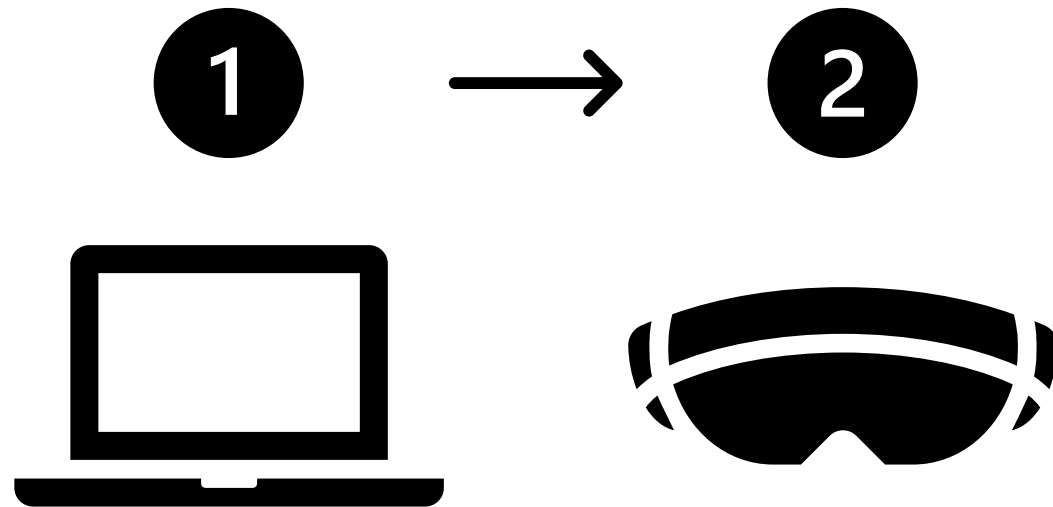
Outreach activities



Day of Science – 23/11/2025

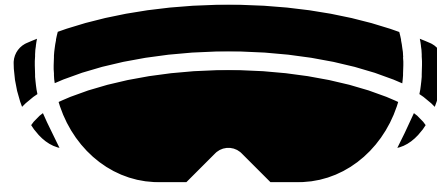
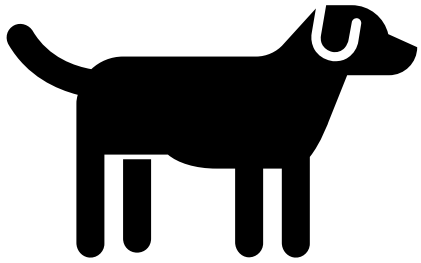


Case-control study (N=40)



→ **2× more likely**
to assign a higher
social score
($OR = 1.95, p = .045$)

Conclusion



Challenge

Subtle canine signals
are often missed

Solution

360° camera
VR experience

Impact

Better recognition
Realistic understanding

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