

Bridging the Teaching Gap

Making Animal Welfare Education Accessible with Holistic Teaching Materials



- Why are holistic teaching materials crucial for animal welfare education?
 - What are the teaching modules?
 - How were they developed?
 - How can you use them?
 - Next steps
-

VETS AND VPP: ADVOCATES FOR ANIMAL WELFARE



Treating and preventing
diseases



Advice to animal keepers,
policy makers, public, etc.



Law enforcement

"Veterinarians should be the leading advocates for the welfare of all animals, recognizing the key contributions that animals make to human society through food production, companionship, biomedical research and education."

(WOAH, 2012)



Animal welfare is widely recognised as key part of veterinary education...

BUT often

- Not included in the curriculum
- Taught insufficiently
- Not linked to later working reality



LACK OF TEACHING MATERIALS

Hardly any animal welfare teaching materials available

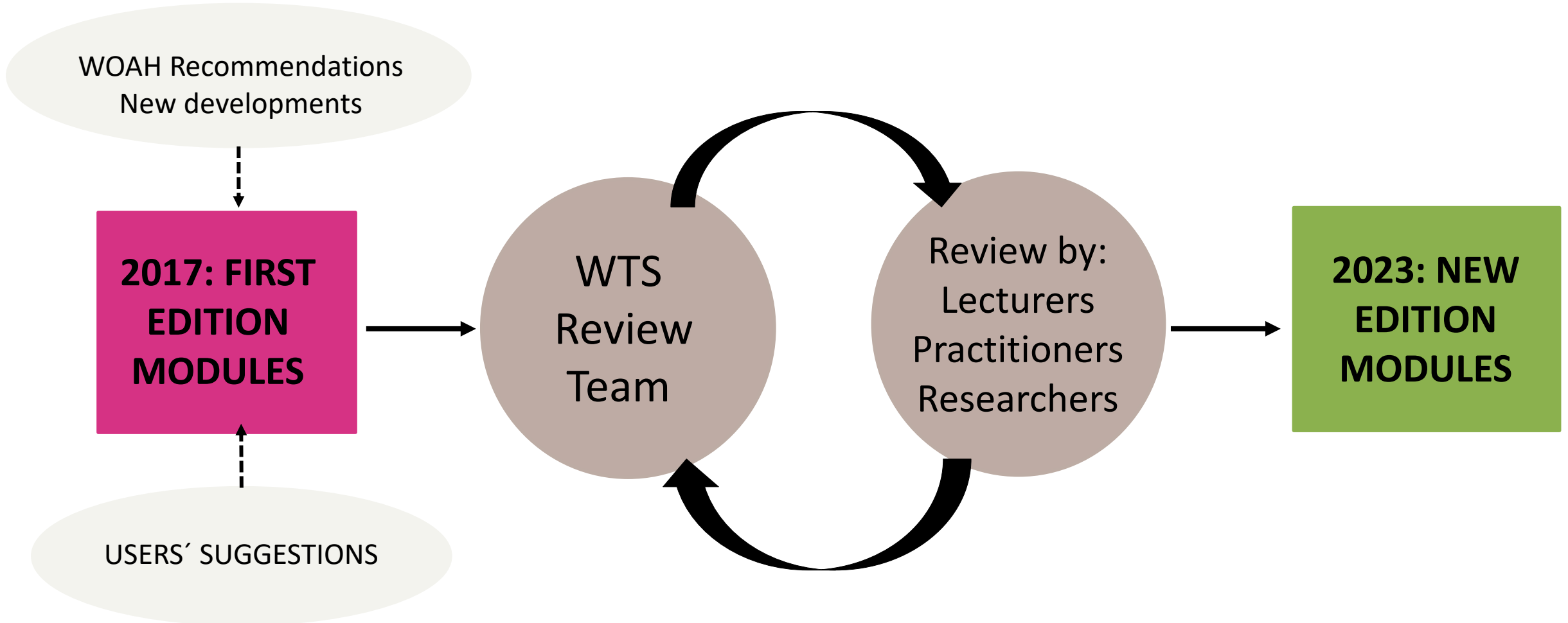
- for in class teaching
- for vets and veterinary paraprofessionals
- with a focus on the link between welfare and health

TEACHING MATERIALS FOR APPLIED ANIMAL WELFARE

- Theory and practice
- Holistic
- Adaptable



HOW WERE THEY DEVELOPED?



GLOBAL NETWORK OF PEER REVIEWERS



57 peer reviewers from **21** countries

Supported by institutions like:

- CoVAB, Makerere University
- AWEC, University Barcelona

TOPICS COVERED



MODULE 01 // INTRODUCTION TO ANIMAL WELFARE

Animal welfare is a complex and multidimensional topic influenced by science, ethics, culture and socio-economic factors.



MODULE 02 // ANIMAL CARE

All animals have individual care requirements depending on their species, age and health situation.



MODULE 03 // HUMANE HANDLING

Handling is essential for many human-animal interactions and makes up a relevant part of an animal's life.



MODULE 07 // WOUND MANAGEMENT

Wounds are linked to animal welfare in many different ways. Wounds can directly reduce the welfare of an animal by causing pain, discomfort and suffering.



MODULE 08 // PAIN MANAGEMENT

Pain is an issue of high relevance for animal welfare. It impacts the welfare of an animal directly and indirectly by causing discomfort, suffering, delayed healing and weakened immune system.



MODULE 09 // INFECTIOUS DISEASES

Animal welfare related issues like stress, malnutrition and lack of hygiene can increase the risk of infectious diseases.



MODULE 04 // CLINICAL EXAMINATION

The clinical examination is an important tool for animal health professionals to identify diseases, medical conditions and care deficiencies, which can compromise the



MODULE 05 // ANIMAL WELFARE ASSESSMENT

Assessing animal welfare using scientifically developed indicators and protocols plays a crucial role in determining the welfare status of animals and herds.



MODULE 06 // ANIMAL WELFARE LEGISLATION

Animal welfare legislation serves as a legal framework for monitoring and reporting of animal welfare related issues and sets standards for animal welfare.



MODULE 10 // RESPONSIBLE USE OF ANTIMICROBIALS

Antimicrobial resistance is one of the greatest global health challenges of our time affecting humans and animals.



MODULE 11 // VACCINATIONS

Vaccinations can be an efficient way of preventing infectious diseases and therefore improve the welfare of animals while reducing the need for other treatments.

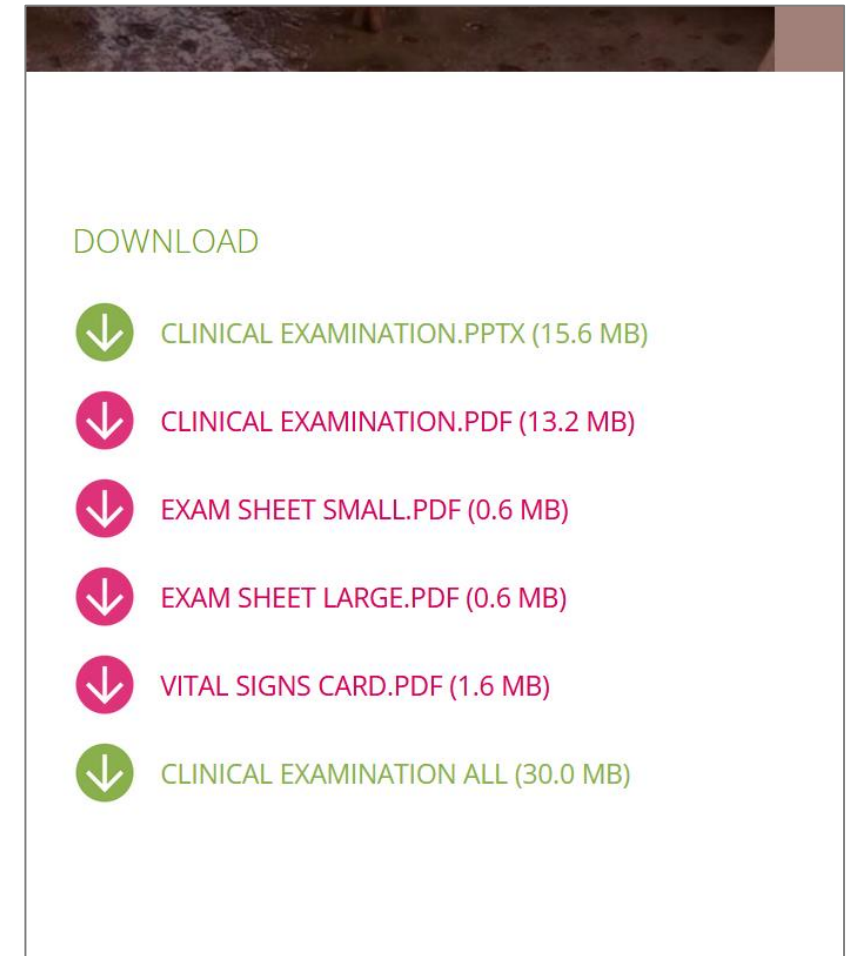


MODULE 12 // EUTHANASIA

The euthanasia of an animal that is suffering with no prospect of relief or recovery is an important part of applied animal welfare.

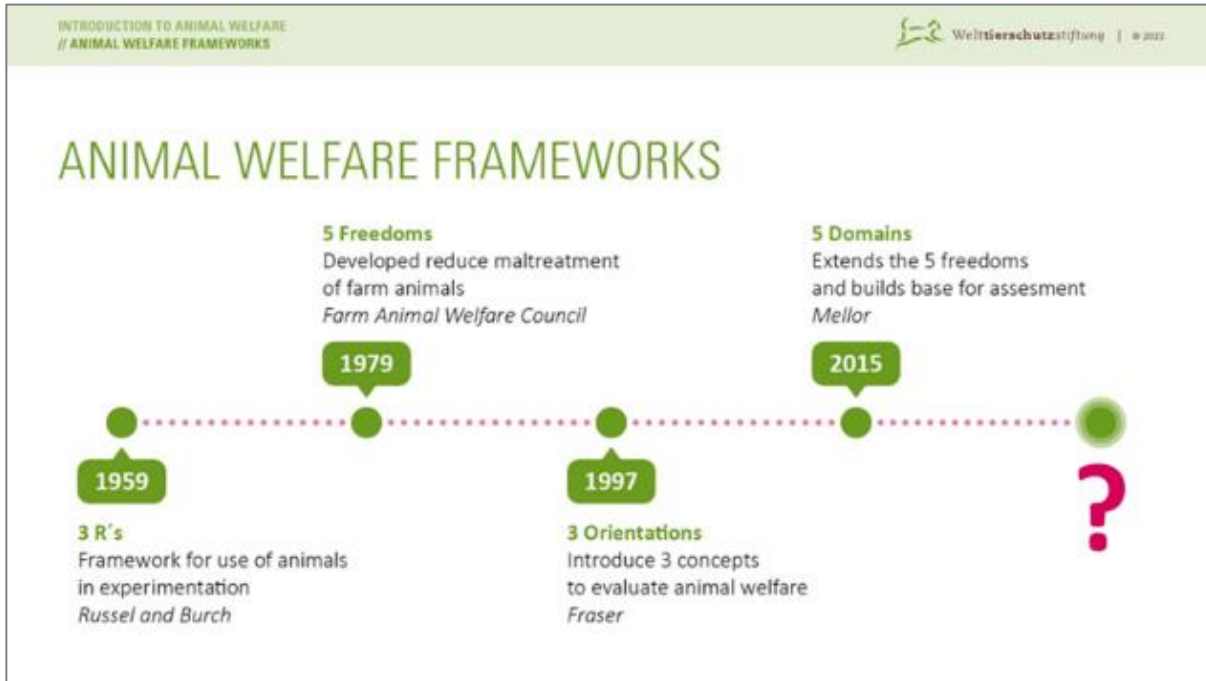
- Presentation slides
 - Suggestions for practicals
 - Additional materials
 - Videos
- Materials for **in-person** teaching

WHAT DO THEY INCLUDE?











DOWNLOAD

- ↓ CLINICAL EXAMINATION.PPTX (15.6 MB)
- ↓ CLINICAL EXAMINATION.PDF (13.2 MB)
- ↓ EXAM SHEET SMALL.PDF (0.6 MB)
- ↓ EXAM SHEET LARGE.PDF (0.6 MB)
- ↓ VITAL SIGNS CARD.PDF (1.6 MB)
- ↓ CLINICAL EXAMINATION ALL (30.0 MB)




HUMANE HANDLING
// UNDERSTANDING THE ANIMALS PERSPECTIVE


BODY LANGUAGE OF DOGS

 Calm/Neutral	 Relaxed	 Submissive	 Alert
 Anxious & Nervous	 Frightened	 Irritated	 Aggressive

INTRODUCTION TO ANIMAL WELFARE
// HUMAN-ANIMAL RELATIONSHIP



WHAT HAS INFLUENCED YOUR ATTITUDE TOWARDS ANIMALS?

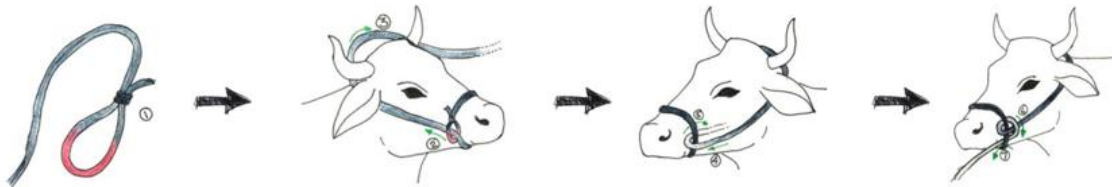


HUMANE HANDLING
// FIELD PRACTICALS



Learn to make a rope halter

Needed: rope, different animals



CLINICAL EXAMINATION FORM
// SMALL ANIMALS



CLINICAL EXAMINATION FORM // SMALL ANIMALS

Date: _____ Examiner: _____ Name of patient: _____

Carriker's contact details: _____

Reason for consultation: _____

SIGNALMENT

Species/breed: _____

Reproductive status/castration: _____

Special marks (e.g. tattoo, tag, microchip): _____

HISTORY

MANAGEMENT & CARE

Reason for keeping: _____

Housing: _____

Diet: _____

Physical activity/ritel/routines: _____

Contact with other animals: _____

Reproduction: _____

PAST MEDICAL HISTORY

Previous/ongoing medical conditions: _____

Medications: _____

Vaccination: _____

PRESENT CASE

Appetite: _____

Feces/urination: _____

Vomiting: _____

Coughing/sneezing: _____

Other symptoms: _____

Onset and development: _____

Other animals or humans affected: _____

Additional information: _____

VITAL SIGNS REFERENCE CHART

Heart rate: count pulse for 15 seconds and multiply by four.

Respiratory rate: count breathing movements for 15 seconds and multiply by four.

NOTE: both rates can increase when the animal is stressed.


References

Wheeler, T. (2017). Review on Practical Guidance of Veterinary Clinical Diagnostic Approach. *Infectious Disease Veterinary Sciences*, 1(1), 331-341. DOI: 10.1177/2055116917700000

CODE OF PRACTICE FOR THE CARE AND HANDLING OF DOGS (2012) Vital signs in horses and ponies, 1st ed., [online] Available at: https://www.ecanegpau.gov.uk/0001/0001/practice/appendix_c_vital_signs_horses_ponies_1st_edition/appendix_c_vital_signs_horses_ponies.pdf [Accessed 25 Jan. 2022].

Reider, S.E. (2015) Reference Guide: MSO Veterinary Manual, [online] Available at: <http://www.medicare-animal.com/species-adapt-reference-guides/> [Accessed 4 Feb. 2022].

DOGS

	Resting respiratory rate (breaths/min)	Resting heart rate (beats/min)	Rectal temperature (°C)
Adult	18–34	70–120	37,5–39,2
Puppy		120–160	38,5–39,9

CHICKENS

	Resting respiratory rate (breaths/min)	Resting heart rate (beats/min)	Rectal temperature (°C)
Adult	15–30	250–300	40,6–42,0
Chick		350–400	

CATS

	Resting respiratory rate (breaths/min)	Resting heart rate (beats/min)	Rectal temperature (°C)
Adult	16–40	120–140	38,1–39,2



HANDLING AND RESTRAINT



CLINICAL EXAMINATION RUMINANT





HOW TO GET STARTED?

- EN/ FR
- Free download



www.teaching-animal-welfare.org

NEXT STEPS

- Spanish version
- Upcoming topics:
 - One Health – One Welfare
 - Humane Population Management
 - Wild Animal Welfare
 - Fish Welfare





THANK YOU

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Upcoming webinar:

Introduction to VETS UNITED Animal Welfare Teaching Modules

19th October 2023

