

# Beaver Health & Welfare Workshop

Overview of key aspects, including sourcing, genetic testing, ongoing monitoring and screening in enclosures.



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# OVERVIEW OF WORKSHOP

Introductions

Identifying problems, concerns and needs

Overview of key topics

- Sourcing beavers (and genetics)
- Beaver health (Ongoing monitoring and screening in enclosures/  
wild)
- Beaver welfare (legal obligations & how we assess)
- Other needs and problems

Vote on importance (1 for category; 1 for topic)

Discussions and heading towards solutions



# Diagnostic evaluation Discussion



		Condition (as determined by "Gold Standard")		
		Condition Positive	Condition Negative	
Test outcome	Test outcome positive	True positive	False positive ( <i>type I error</i> )	Positive predictive value = $\Sigma \text{ True positive} \div \Sigma \text{ Test outcome positive}$
	Test outcome negative	False negative ( <i>Type II error</i> )	True negative	Negative predictive value = $\Sigma \text{ True negatives} \div \Sigma \text{ Test outcome negatives}$
		Sensitivity = $\Sigma \text{ true positive} \div \text{Condition Positive}$	Specificity = $\Sigma \text{ true negative} \div \text{Condition negative}$	





# Thank You

*Our sincerest gratitude to all the many individual collaborators and organisations all involved in translocation and health screening and the discussions around these over the years*

