



Introduction





Introduction





No-name Simulator





Veterinary Simulator Industries

First ideas



- authentic in touch
- full extraction of a calf
- application of lubricants
- use of obstetrical instruments



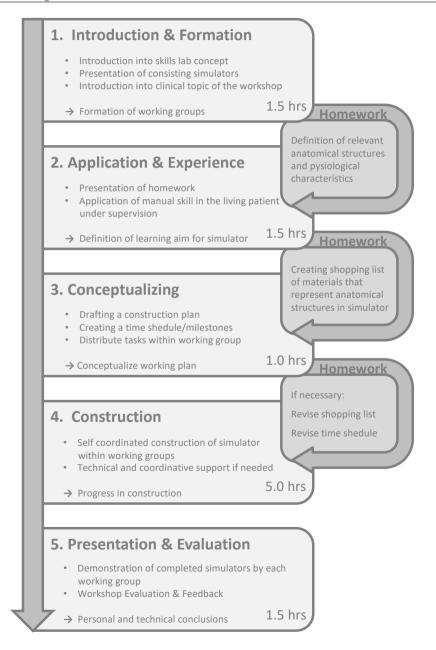
Learning by doing







Didactic concept



Introduction & formation





Veterinary Skills Net Fachbereich Veterinärmedizin

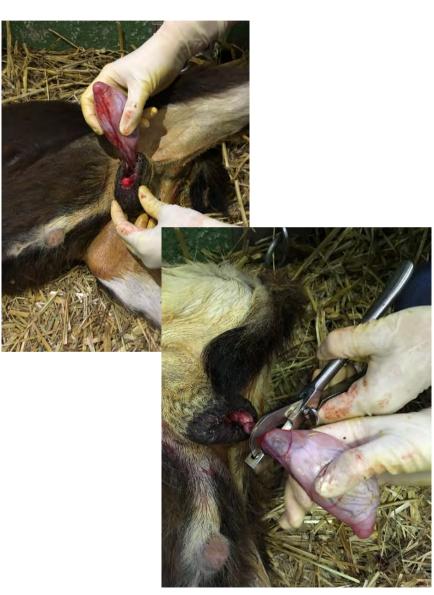


Anatomical Structure	→	Physiological function & texture
		(relevance for simulator)
	1	
Learning aim(s)	-	Relevant structures
	- 4	(to reach learning aim)
	711	·

Experience!







Construction

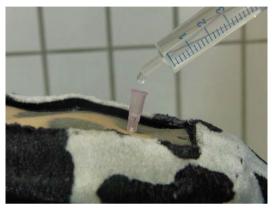




Epidural anaesthesia simulator











Uterine prolaps simulator





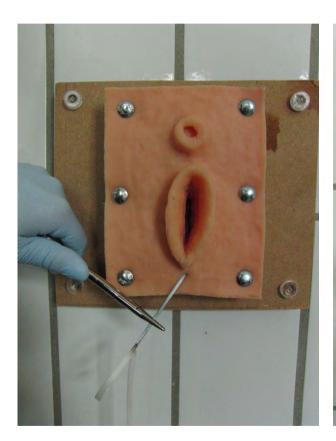






Vaginal suture simulator









Surgical castration simulator









Non-surgical castration simulator



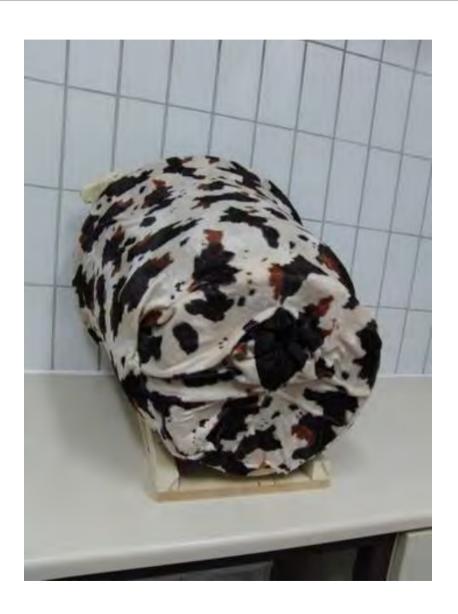






Rectal palpation simulator





Semen collection simulator









Exhibition

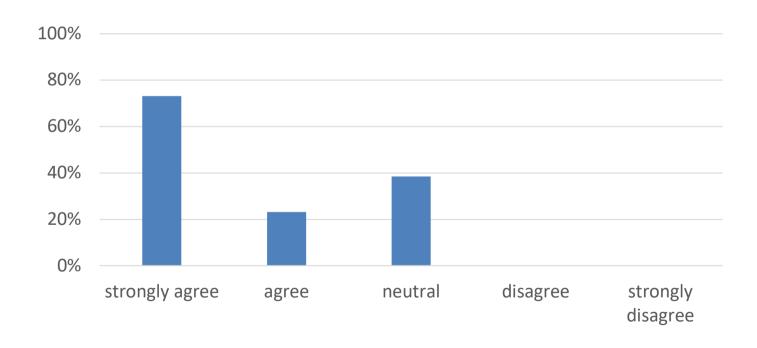








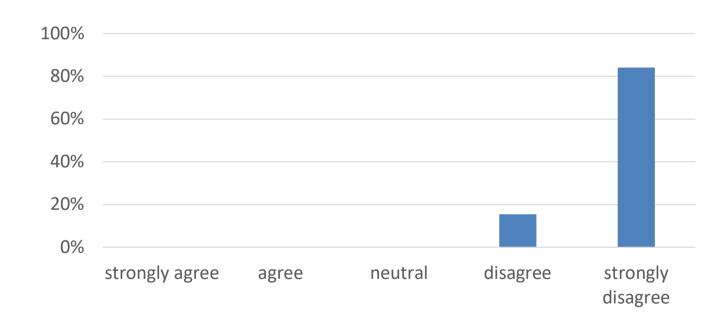
The construction of teaching simulators encourages an intense involvement with the clinical topic







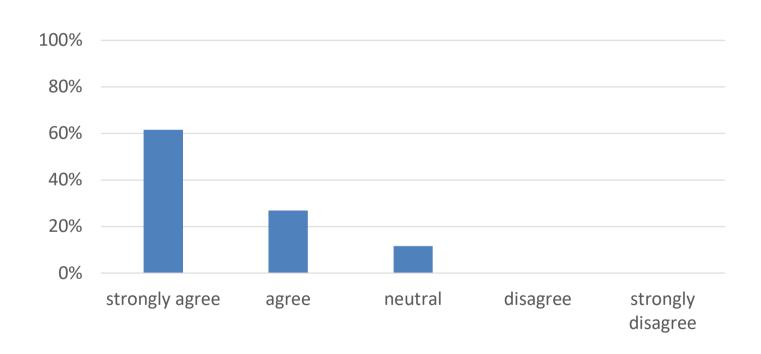
The construction of teaching simulators within an elective workshop is a waste of time







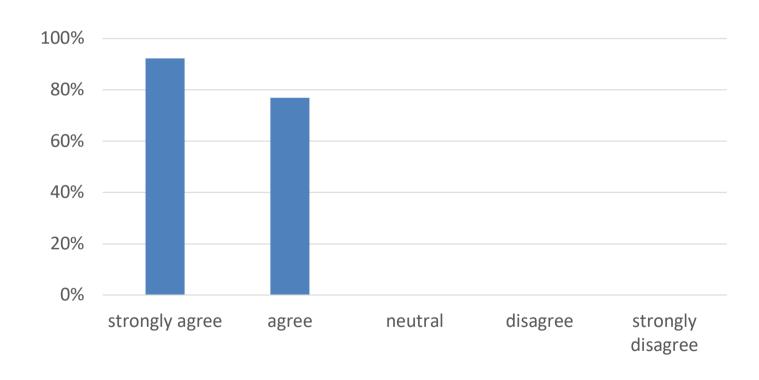
The planing and construction of teaching simulators gave me a better understanding of the theoretical know-how







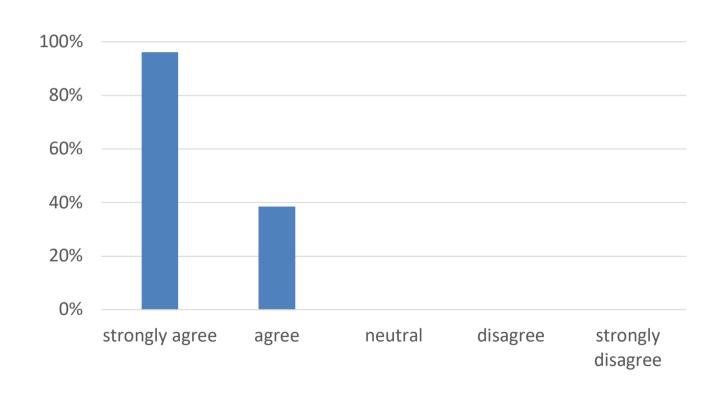
I would subscribe to this elective workshop again







I would recommend this elective workshop to my fellow students



Some testimonials



"I was always looking forward to this workshop during my weekly routine"

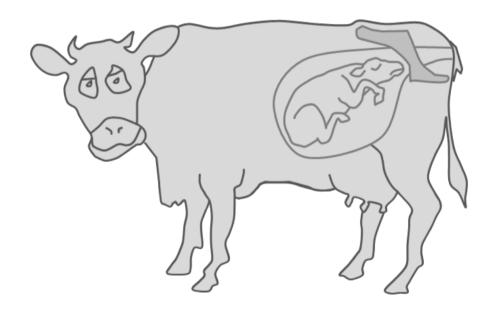


"a lot of fun"

"The workshop offered a great variety compared to other more theoretical and courses"

"I liked the teamwork"





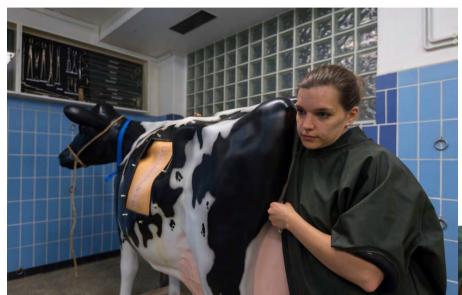
- vaginal/rectal examination
- preparation
- application of drugs
- incision
- localisation/development of calf
- suturing









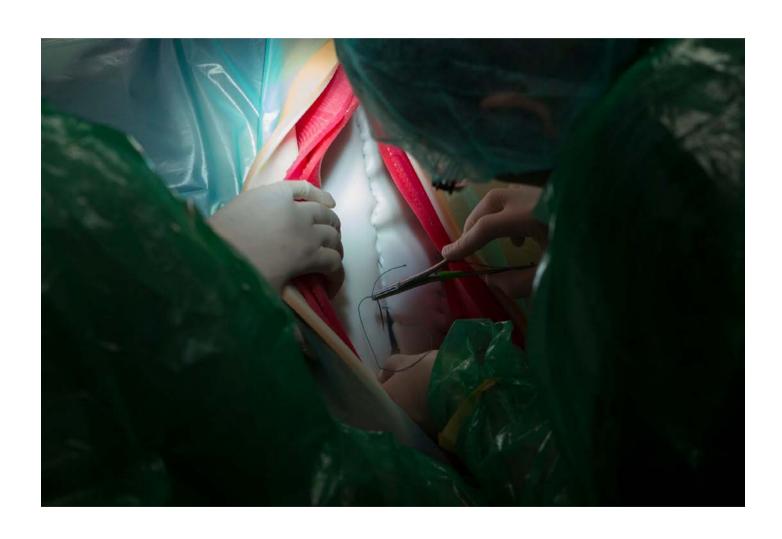
























Introduction



vet skills net

FU Berlin - FB 08

Lernstationen

Manual Skills Lab

Social Skills Lab Scientific Skills Lab

Evaluati

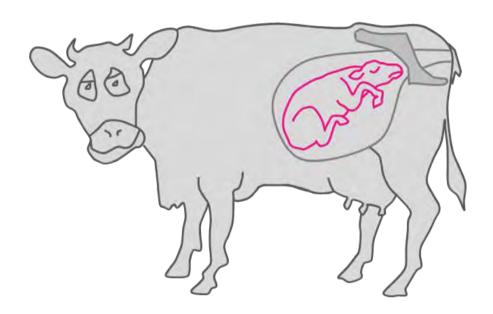
to my fellow students

Question	Relative Answers (%)						
	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	n	
I already heard about the concept of a manual skills lab for veterinary students before the workshop	14.3	21.4	14.3	28.6	21.4	28	
I heard the first time about the concept of a manual skills lab within this workshop	14.3	10.7	17.9	21.4	35.7	28	
I like the concept of a manual skills lab	78.6	21.4	0.0	0.0	0.0	28	
The implementation of a manual skills lab at the veterinary campus is important	82.1	17.9	0.0	0.0	0.0	28	
I like the concept of developing teaching simulators within an elective workshop	82.1	17.9	0.0	0.0	0.0	28	
The construction of teaching simulators encourages an intense involvement with the clinical topic	73.1	23.1	3.8	0.0	0.0	26	
The construction of teaching simulators within an elective workshop is a waste of time	0.0	0.0	0.0	15.4	84.6	26	
The planing and development of teaching simulators enriches the learning process	69.2	23.1	7.7	0.0	0.0	26	
The planing and construction of teaching simulators gave me a better understanding of the theoretical know-how	61.5	26.9	11.5	0.0	0.0	26	
The manual labour in this course was a welcome variety in the curiculum	88.5	3.8	7.7	0.0	0.0	26	
I would subscribe to this elective workshop again	92.3	7.7	0.0	0.0	0.0	26	
I would recommend this elective workshop	96.2	3.8	0.0	0.0	0.0	26	



Methods

2 elective hands-on modules for 18 veterinary students

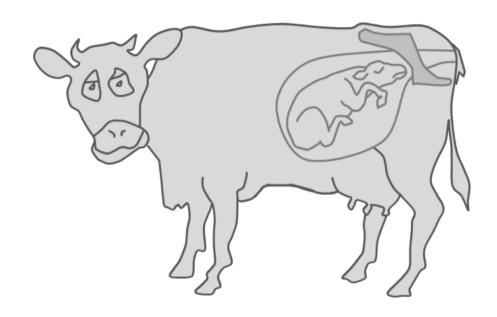


working groups:

- 1) uterus, cervix and vagina
- 2) pelvis
- 3) external genital organs
- 4) outer framework
- 5) calf

Methods

2 elective hands-on modules for 18 veterinary students



working groups:

- 1) uterus, cervix and vagina
- 2) pelvis
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1. Module:

Preparation and construction in working groups

2. Module:

Practical experience and evaluation