

Continuing Professional Development Course

Use of modern diagnostic imaging techniques in health management of sheep

Approved by the European College of Small Ruminant Health Management



Dates: 24-26 January 2018

Location: Veterinary Hospital, University of Zaragoza
C/ Miguel Servet 177, Zaragoza, Spain.

SPONSORS:



Colegio oficial de
Veterinarios de Huesca

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de Zaragoza



Programme

WEDNESDAY 24th JANUARY

08.45	Welcome – Presentation of the course	D. Lacasta Lozano
09.00	Basics of ultrasonographic examination	P. Gómez Ochoa
10.40	Use of ultrasonographic examination in sheep health management	G.C. Fthenakis
11.00	Coffee break	
11.30	Ultrasonographic examination as an adjunct to clinical examination of the thorax in sheep	P.R. Scott
12.15	Description of clinical cases of diseases of the thorax by ultrasonographic examination	P.R. Scott
13.00	Ultrasonographic examination of the heart in sheep	P. Gómez Ochoa
13.30	Lunch break	
	Practical sessions	
15.00	Ultrasonographic examination of sheep with lung and heart pathologies	E. Castells, L.M. Ferrer, P. Gómez Ochoa, T. Navarro Rodrigo, P.R. Scott,
17.00	Post-mortem examination of sheep	M. de las Heras Guillamón

THURSDAY 25th JANUARY

08.30	Ultrasonographic examination of the reproductive system in sheep: pregnancy diagnosis, developmental anatomy and foetometry, foetal sexing, prediction of dystocia, uterine involution, scrotal contents and male accessory glands, udder	M.S. Barbagianni, G.C. Fthenakis, P.G. Gouletsou, K.S. Ioannidi, I. Valasi
11.00	Coffee break	
11.30	Ultrasonographic examination of the reproductive system in sheep (continued)	
13.30	Lunch break	
15.00	Practical sessions Ultrasonographic examination of reproductive system of sheep	M.S. Barbagianni, P.G. Gouletsou, K.S. Ioannidi, I. Valasi
17.00	Post-mortem examination of sheep	M. de las HerasGuillamón

FRIDAY 26th JANUARY

08.30	Use of thermographic cameras in sheep	D. Lacasta Lozano
09.00	Basics of computerized axial tomography in sheep	E. Castells
10.00	Use of computerized axial tomography for investigation of clinical cases	E. Castells
10.30	Ultrasonographic examination as an adjunct to clinical examination of the abdomen in sheep	P.R. Scott
11.00	Coffee break	
11.30	Use of ultrasonographic examination for <i>in vivo</i> evaluation of bodycomposition and for prediction of carcass quality in sheep	S.R. Silva
12.30	Use of computerized axial tomography and magnetic resonance imaging for diagnosis of diseases of legs in sheep	E. Castells
13.30	Lunch break	

	Practical session	
15.00	Ultrasonographic examination of reproductive system of sheep	M.S. Barbagianni, P.G. Gouletsou, K.S. Ioannidi, I. Valasi
17.00	Close of course	D. Lacasta Lozano

Training staff

- Mariana S. Barbagianni, *PhD*, University of Thessaly.
- Enrique Castells, University of Zaragoza.
- Luis Miguel Ferrer Mayayo, *DipECSRHM*, University of Zaragoza.
- George C. Fthenakis, *DipECAR*, *DipECSRHM*, University of Thessaly.
- Pablo Gómez Ochoa, University of Zaragoza.
- Nona G. Gouletsou, *PhD*, University of Thessaly.
- Marcelo de las Heras Guillamón, *DipECVP*, University of Zaragoza.
- Katerina S. Ioannidi, *DVM*, University of Thessaly.
- Delia Lacasta Lozano, *DipECSRHM*, University of Zaragoza.
- Teresa Navarro Rodrigo, *ECSRHM resident*, University of Zaragoza.
- Juan José Ramos Antón, *DipECSRHM*, University of Zaragoza.
- Phil R. Scott, *DipECBHM*, *DipECSRHM*, University of Edinburgh.
- Severiano Silva, *PhD*, Universidade de de Trásos Montes e Alto Douro.
- Irene Valasi, *DipECSRHM*, University of Thessaly.