



**EVSSAR Course: Reproduction in companion animals Part I, 2017
Physiology and pathology in females and artificial insemination**

**Department of Reproduction, Faculty of Veterinary Medicine in Wrocław
pl. Grunwaldzki 49; 50-366 Wrocław**

9-13 October 2017

COURSE PROGRAM

Day 1 -Monday 9.10.2017 - Reproduction and breeding management

08.30 – 09.00 Registration, welcome and introduction

9.00 -10.30 Specificity of the ovarian cycle in the bitch and queen *W. Nizanski*

10.30 – 11.00 **Coffee break**

11.00 – 12.30 Investigating ovarian and uterine function *A. Fontbonne*

12.30 – 14.00 **Lunch**

14.00 – 15.30 *Practice (2 groups) : Vaginal smear/hormone assays/how to interpret hormone assays*
A. Fontbonne/W. Nizanski

15.30 – 16.00 **Coffee break**

16.00 – 17.15 Breeding management and breeding failures *A. Fontbonne*

17.15 - 17.45 Round table - most interesting clinical cases / Speakers and participants

Day 2 - Tuesday 10.10.2017 – The pregnant bitch

08.30 – 09.30	Physiology and endocrinology of pregnancy. Pregnancy diagnosis and monitoring, foetal biometry - <i>M. Beccaglia</i>
09.30 – 10.00	Pregnancy at risk - monitoring and management - <i>M. Beccaglia</i>
10.00 – 10.15	Coffee break
10.15 – 11.00	Parturition monitoring – normal parturition - <i>A. Münnich</i>
11.00– 12.00	Dystocia – diagnosis and medical management - <i>A. Münnich</i>
12.00 – 13.30	Lunch
13.30 – 14.15	<i>Practice (2 groups): Ultrasonography - non-pregnant bitch - M. Beccaglia/G. Mantziaras</i>
14.15 – 15.00	<i>Practice (2 groups): Ultrasonography - pregnant bitch - M. Beccaglia/G. Mantziaras</i>
15.00 – 15.30	Coffee break
15.30 – 16.15	Surgical treatment of dystocia (Caesarian section), care of the neonate - <i>A. Münnich</i>
16.15 –17.00	C-section: optimal anaesthesia and analgesia - <i>A. Münnich</i>
17.00-17.30	Round table-most interesting clinical cases / Speakers and participants

Day 3 - Wednesday 11.10.2017 - Mating, assisted mating, and artificial insemination.

08.30 – 09.15	Techniques for artificial insemination in the bitch - <i>X. Levy</i>
09.15– 10.00	Collection and assessment of fresh semen - <i>X. Levy</i>
10.00 – 10.30	Coffee break
10.30 -11.15	Semen preservation: chilling and freezing-thawing - <i>X. Levy</i>
11.15 – 12.00	Semen examination - <i>X. Levy</i>
12.00 – 13.30	Lunch
13.30– 15.00	<i>Practice (2 groups): Semen collection demonstration and training - X. Levy/W Nizanski</i>
15.00–15.30	Coffee break
15.30 – 16.30	Legal and zootechnical aspects of semen banking and exchange - <i>X. Levy</i>
16.30 – 17.00	Ethics in breeding – <i>H. Övregaard</i>
19.00	Course dinner

Day 4 - Thursday 12.10.2017 – Control of the reproductive cycle, infertility

08.30 – 09.00	Abnormal estrous cycles <i>S. Arlt</i>
09.00 – 9.30	Induction of estrus <i>S. Arlt</i>
09.30 –10.00	Ovarian Remnant Syndrome <i>S. Arlt</i>
10.00 – 10.30	Coffee break
10.30 –11.15	Spaying - what is optimal? - <i>S. Arlt</i>
11.15 – 12.00	Pregnancy prevention and termination <i>S. Arlt</i>
12.00 – 13.30	Lunch
13.30 – 15.00	<i>Practice : Insemination training vaginal and cervical (2 groups) - X. Levy/W. Nizański</i>
15.00 – 15.30	Coffee break
15.30– 17.00	<i>Practice : Insemination training cervical endoscopy (2 groups) - X. Levy/W. Nizański</i>
17.00-17.30	Round table-most interesting clinical cases / Speakers and participants

Day 5 - Friday 13.10.2017 - Diseases of the reproductive organs

08.30 – 09.30	Postpartum disorders - <i>C. Lefèvre</i>
09.30 – 10.00	Mammary gland disorders of the non-lactating bitch - <i>S. Schäfer-Somi</i>
10.00 – 10.30	Coffee break
10.30 – 11.00	Managing mammary tumors – <i>S. Schäfer-Somi</i>
11.00 – 11.30	Ovarian diseases - <i>S. Arlt</i>
11.30 – 12.00	Vaginal diseases – <i>C. Lefèvre</i>
12.00 – 13.30	Lunch
13.30 – 15.00	Uterine diseases - diagnosis and treatment <i>R. Hagman</i>
15.00 – 15.30	Coffee break
15.30 – 16.00	Responsible use of antimicrobials in reproduction – <i>H. Övregaard</i>
16.00 – 16.45	Most interesting cases - Speakers and participants
16.45 – 17.00	<i>Closing, and ... follow up</i> Course leaders / EVSSAR Board

Course Master:

Professor Wojciech Nizański DVM PhD
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Confirmed speakers:

Professor Wojciech Nizański DVM PhD, Poland
Professor Alain Fontbonne DVM PhD Dipl ECAR, France
Dr. Michela Beccaglia DVM PhD Dipl. ECAR, Italy
Dr. Andrea Münnich DVM PhD Dipl. ECAR; Germany
Dr. George Mantziaras DVM PhD ECAR Resident, Greece
Dr. Xavier Levy DVM PhD Dipl ECAR, France
Dr. Sebastian Artl DVM PhD Dipl ECAR, Germany
Dr. Helen Övregaard DVM, Norway
Dr. Catherine Lefèvre DVM Dipl ECAR, Belgium
Professor Sabine Schäfer-Somi DVM Dipl ECAR, Austria
Associate professor R. Hagman DVM PhD ECAR Resident, Sweden