

BASIC COURSE BOVINE REPRODUCTION ULTRASONOGRAPHY

Theoretical and practical course of 16 hours, for 6 veterinarians/technicians

Schedule of the course

First day

8:00 am-01: 00 pm (Theory)

Lunch

02:00-07: 30 pm (Theory)

Second day

08 a.m. -10: 00 am (Theory)

10:00 am- 01:00 pm (Practical session)

Program:

- Ultrasonography of ovarian physiology: the corpus luteum, the follicle, introducing the follicular dynamics
- Ultrasonography of ovarian pathologies: ovarian bag abscess, ovarian bag cysts, ovarian cancer, ovarian cystic degeneration
- Anestrus: anestrus Type I, II, III, IV
- Ultrasonography of uterus physiology. Ultrasonography of the uterus during the cycle steps: estrus, metoestrus, diestrus y proestrus.
- Ultrasonography of uterus pathologies: vestibulus and cervix diseases, metritis, endometritis (clinic and sub-clinic), fibrosis, abscess, hematoma, cyst of the uterus , neoplasia of the uterus. Fallopian tube diseases.
- Ultrasound diagnosis of the gestation: risk analysis, reliability of the method. Ultrasound monitoring of gestation between 22-120 days. Contralateral pregnancy, gestation of twins.
- Economical evaluation.

ADVANCE COURSE BOVINE REPRODUCTION ULTRASONOGRAPHY

Theoretical and practical course of 16 hours, for 6 veterinarians/technicians

Schedule of the course

First day

8:00 am-01: 00 pm (Theory)

Lunch

02:00 pm-07: 30 pm (Theory)

Second day

08 a.m. -10: 00 am (Theory)

10:00 am- 01:00 pm (Practical session)

Program:

- Follicular dynamics: two waves, three waves, co-dominance
- The use of ultrasound in hormonal therapy. Part I: estrus synchronization
- The use of ultrasound in hormonal therapy. Part II: synchronization of ovulation. Ovsynch®, Pre-synchronization, Resynchronization
- Early Ultrasound diagnosis of later embryonic death
- Ultrasound diagnosis of fetal sex
- Ultrasound diagnosis of sub-clinical endometritis
- Artefacts in ultrasonography