

The primary imaging test for diagnosing and monitoring pregnancy in female dogs and queens – from clinical's role to

owner's require

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DESCRIPTION

The aim of the workshop is to show the usefulness of performing imaging tests for diagnosing and monitoring pregnancy in bitches and queens, with each method providing different information and timing. Imaging tests use different forms of energy, such as ultrasound (high-energy sound waves) and X-rays (high-energy radiation), radio waves, and radioactive substances. The workshop will be focused on ultrasound (US) and X-rays (radiography or RTG) tests to highlight the advantages and limitations of each methods, depending on the species.

It is well known that the primary imaging test for diagnosing pregnancy in female dogs and queens is US (sonography). This non-invasive method uses sound waves to create images of the fetus and placenta (confirmation of pregnancy), allowing healthcare providers to assess fetal health, development, and identify potential issues or abnormalities. Ultrasound is considered safe for both the mother and baby and is routinely used throughout pregnancy to track fetal growth, confirm due dates, and provide valuable insights for parents. X-rays are also an effective method to diagnose pregnancy in pets and determine litter size, but they are only reliable from approximately day 45 of pregnancy when the fetal skeletons begin to mineralize and become visible.



A clinician's role in diagnosing pregnancy in pets is to provide safe and effective options, involving patients and owners' partnership and shared decision-making to ensure care aligns with the patient's needs and the best available evidence.

STRUCTURE OF THE WORKSHOP (total 1 h)

1. Online presentation with photos (50 min)
2. Discussion and questions (10 minutes)

On line talk to share the experience and to discuss the topic with participants

DATE AND TIME: March 24 (Time to be confirmed)

PRICE: 5€ for ISEAS members

PLATFORM: ZOOM (link and password will be sent to participants' email before the workshop)

EXPECTED AUDIENCE: students, professionals, educators

