## Small Animals Non-cardiac Thoracic Ultrasound

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## Indications

- Presence of pleural effusion
- Aspiration of the effusion
- Visualization of other thoracic structures efface by the effusion
- Characterization of mass
  - Vascularity
  - Nature of the mass
- Origin of the mass or abnormalities
- Fine needle aspiration or Biopsy

# Thoracic wall Cutaneous or subcutaneous structure Bone • Mass • Lysis

- Soft tissue vs Fat
- Lysis
- Tumor, infection
- Fine needle aspiration































## Pleural cavity

#### Abnormal

- Air
- Fluid
- Mass(es)

#### Normal

- Lung surface

## 737-517

10 year-old spayed female mixed breed dog was presented due to dyspnea and coughing. Diagnosed with pneumonia 4 days ago and not improving.























### P2014-09901-0011

- 8.5 YO MC mixed breed dog
- Presented for Multiple pulmonary nodules, not primary mass could be identified.











## Take home message

- Complementary to radiology
- Help to differentiate, and characterize mass
- FNA or Biopsy

