You take my breath away

Petra Wesche, DVM, MSc (WAH)

Kathy-Anne Clarke, DVM, Ph.D.

Jim Cooley, DVM, DACVP
Our case

- Male
- 6 years old
- Difficulty breathing
- Biochemical profile within normal limits
- Cytology and trucut biopsy suggested thymoma
- Mediastinal mass extending from the thoracic inlet to the diaphragm
CD3-T lymphocytes

Cytokeratin-Epithelial Cells
Diagnosis:

Thymoma
General features

- Rare
- Cranial mediastinum
- Middle age to older cats
- Male predisposition
- Most are non-invasive
- Clinical signs absent or non-specific
Most are non-invasive

Invasive often involves cranial V. cava

Para-neoplastic syndromes
Diagnosis

- Clinical signs
- Effusions
- X-ray or CT
- Ultrasound
- FNA
- Histopathology
Differential diagnosis

- Thymic lymphoma
- Thymic hyperplasia
- Thymic cyst
- Thymolipoma
Complications

- Secondary non-thymic neoplasia
- Myasthenia gravis
Excellent prognosis with complete removal especially when non-invasive

- MST surgery: 21 months
- MST radiation: 24 months
THIS IS WHAT AUTHORITY MEANS