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CONSULTANTS IN TELEMEDICINE

## IT'S YOUR CASE

Species: Feline Breed: Maine Coon Sex: Male Neutered Age: 11 years

### Clinical History:

Presents for increased respiratory rate and effort. He is open mouth breathing and has historical cough.

### Details of study and technical comments:

Right lateral and ventrodorsal views of the thorax are available for review. The images are of diagnostic quality.

### Diagnostic interpretation:

#### THORAX:

The diaphragm is flattened on the lateral view (red arrow). The intrathoracic volume is expanded, evidenced by caudodorsal extension of the lung field up to the caudal aspect of L1 (orange arrows).

There is a moderate diffuse bronchial pattern (yellow arrows).

There is a triangular soft tissue opacity in the right hemithorax (green arrow) at the level of the right middle lung lobe, which is not well differentiated on the right lateral view; this could be best seen on a left lateral view. A thin pleural fissure line is present (blue arrow).

The patient has a mildly increased body habitus. The cardiac silhouette is normal in size and position; there is no specific chamber enlargement. The trachea and mainstem bronchi are patent. The mediastinum is unremarkable.

The skeletal structures are unremarkable for age.

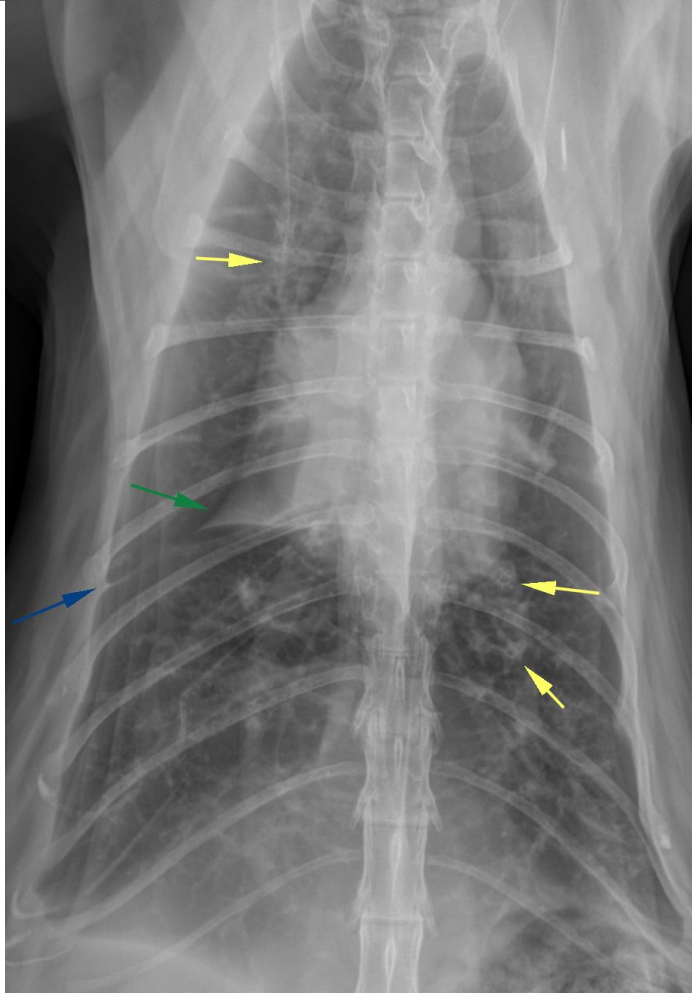
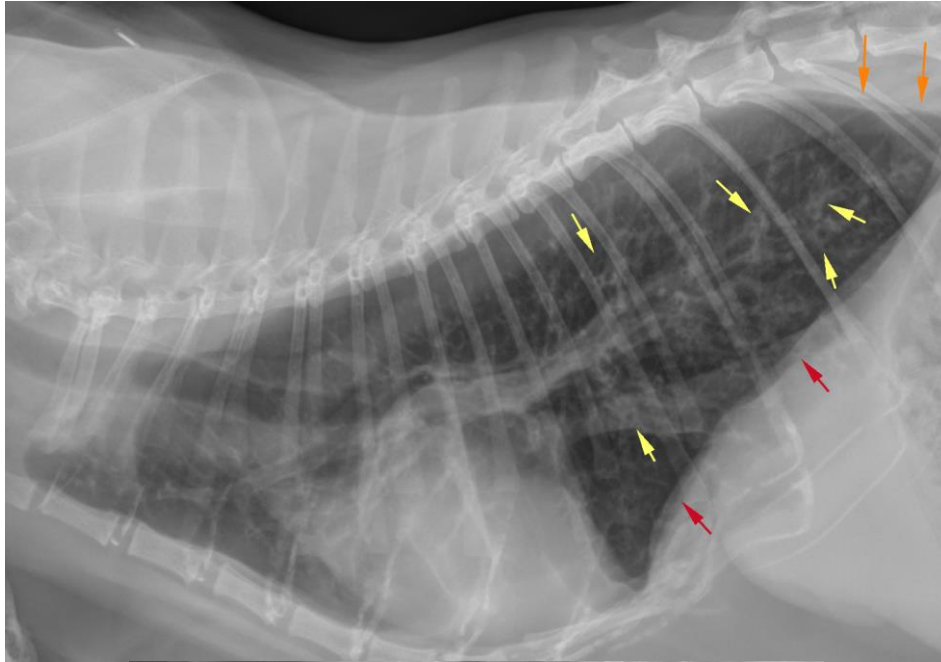


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This report is based on the available history and radiographic interpretation only and not on a physical examination of the patient. It has been prepared specifically for interpretation by the currently licensed and registered veterinary surgeon responsible for the care of this patient.



**Conclusions:**



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Diffuse bronchial pattern with hyperinflation. Highly consistent with feline allergic bronchitis (feline asthma). Infectious aetiologies (i.e. parasitic, viral, bacterial or fungal) are considered less likely.

Collapse of the right middle lung lobe, a frequent finding in cats with asthma which is secondary to obstruction of the main bronchus.

**Additional comments:**

The bronchial changes are well defined and likely chronic, making feline asthma the most likely differential.



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