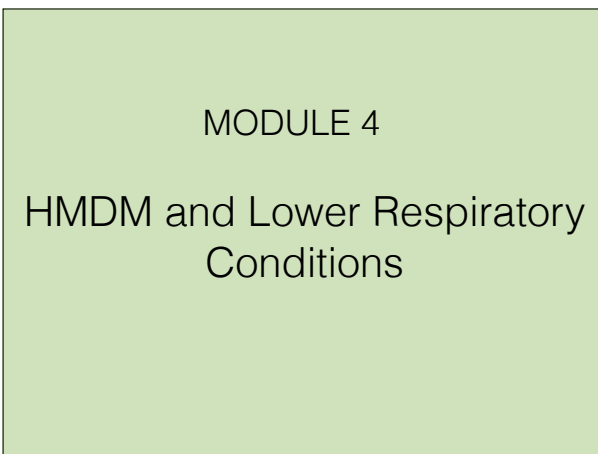




1



2



3

In This Session You Will Learn:

1. How to recognize and diagnose the lower respiratory tract dis-eases
2. Deciding what to do and when to go right to your vet using HMDM
3. How to evaluate the response to treatment



4



Bigger Picture



5



Balance



6

Lower airway and lung diseases 1:

- Asthma
- Pneumonia
- Bronchitis
- “Old” Lungs (and pulmonary fibrosis)



7

Lower airway and lung diseases 2:

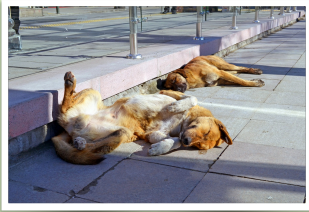
- Pulmonary Thromboembolism
- Pleural Effusion and Pulmonary Edema
- Smoke Inhalation and Drowning
- Lung and Chest Cancers



8



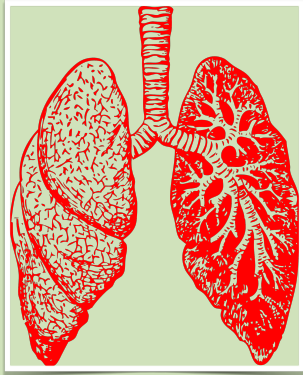
9



Air Quality



10



Bronchitis



11

Bronchitis Symptoms

- primarily coughing
- inducible cough



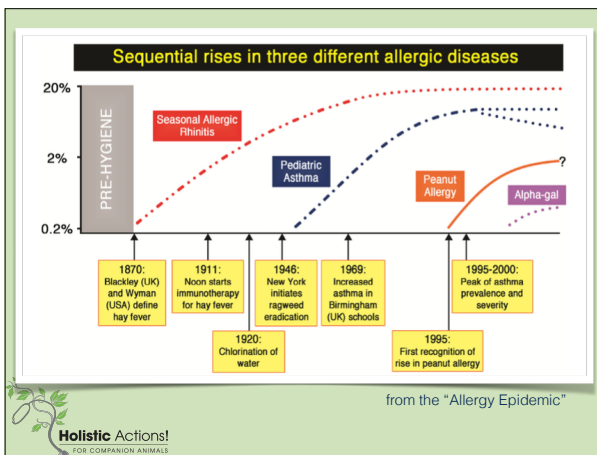
12



Asthma


Holistic Actions!
FOR COMPANION ANIMALS


13



14

Asthma Symptoms

- coughing
- wheezing
- shortness of breath


Holistic Actions!
FOR COMPANION ANIMALS

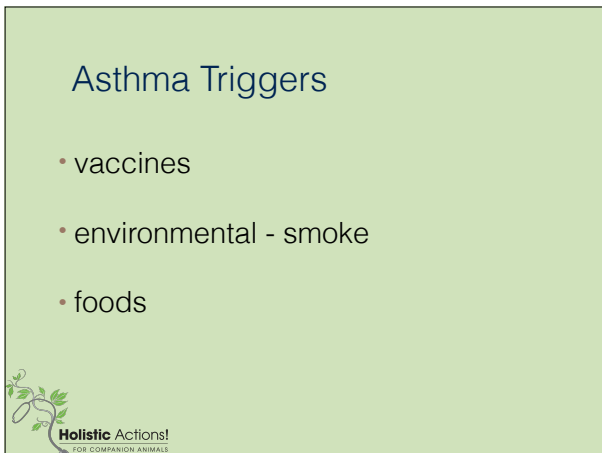
15



16



17



18



Pneumonia



19

Pneumonia Symptoms 1

decreased BEAM

discharges

coughing

dyspnea



20

Pneumonia Symptoms 2

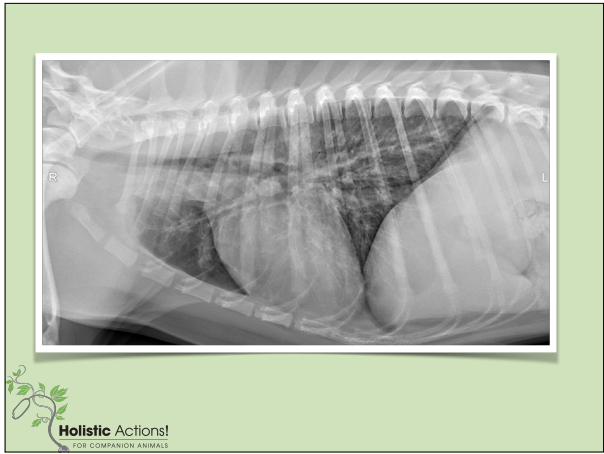
fever

increased WBC

x-ray changes



21



22



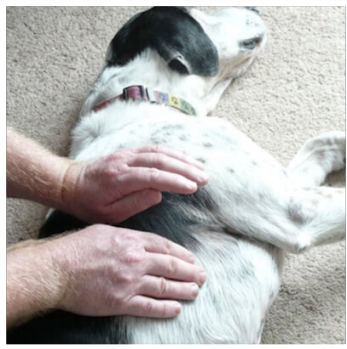
Transtracheal Wash for Culture

23



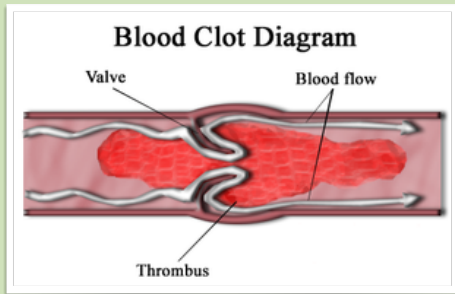
Oxygen Cage

24



Coupage

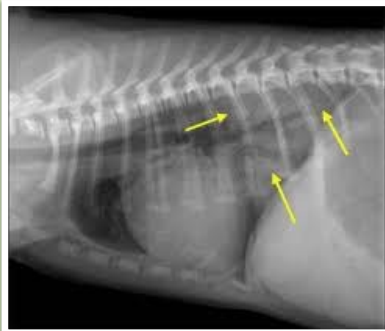
25



Thromboembolus

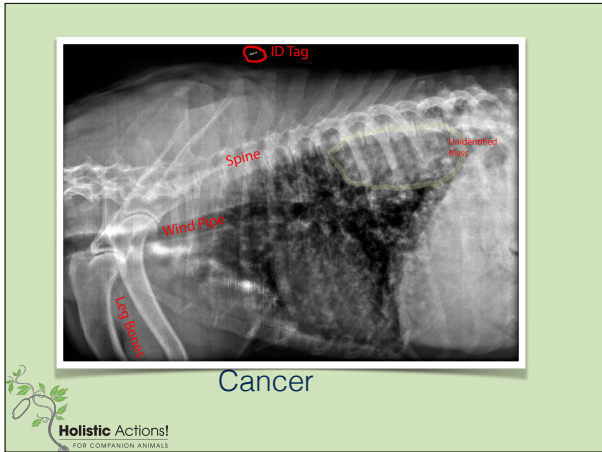
diagram courtesy of Wikipedia

26



Pulmonary Edema


27



28

Lower Airway Cancer Symptoms 1


- many, any, or none
- especially changes in BEAM and...



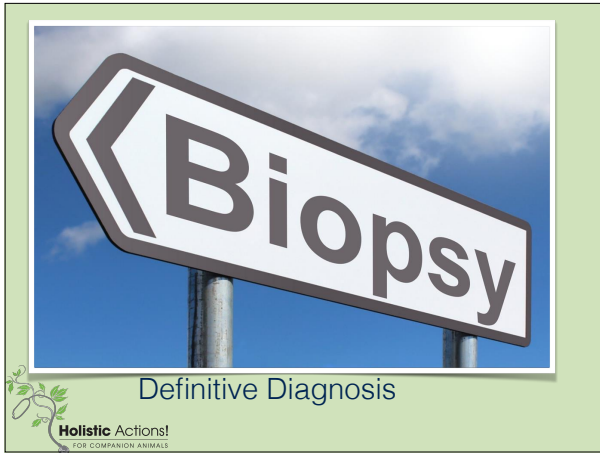
29

Lower Airway Cancer Symptoms 2

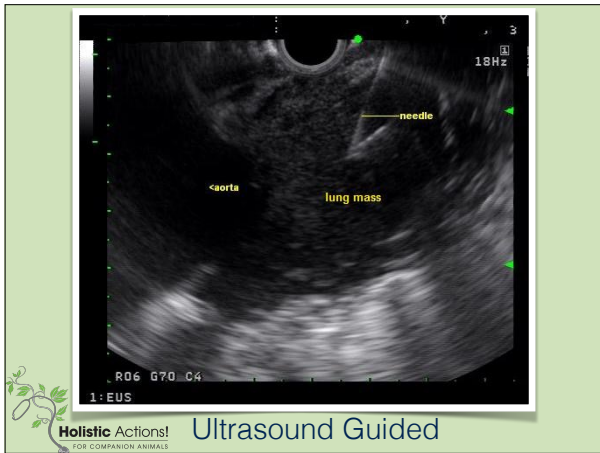
- coughing and spitting up of blood
- dyspnea
- weight loss



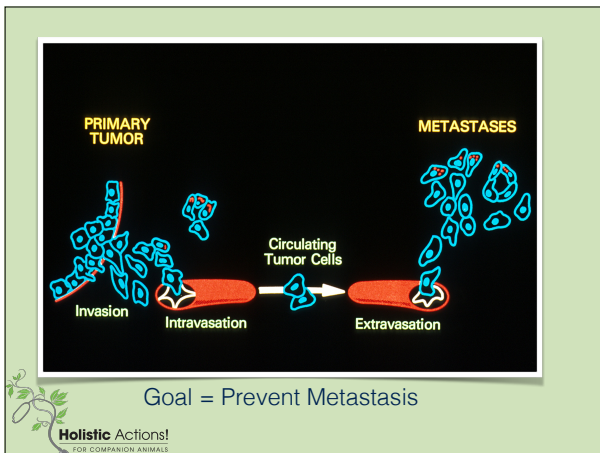
30



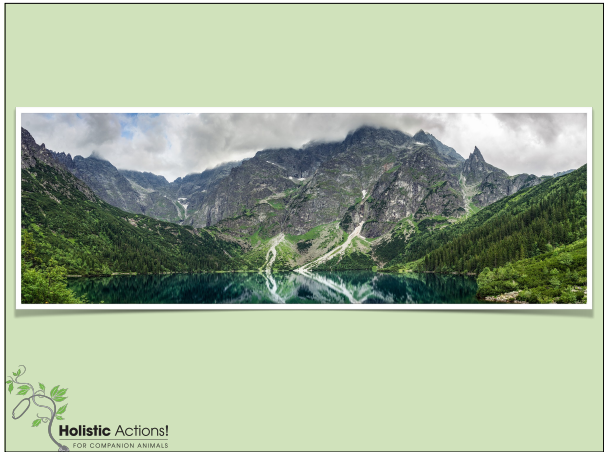
31



32



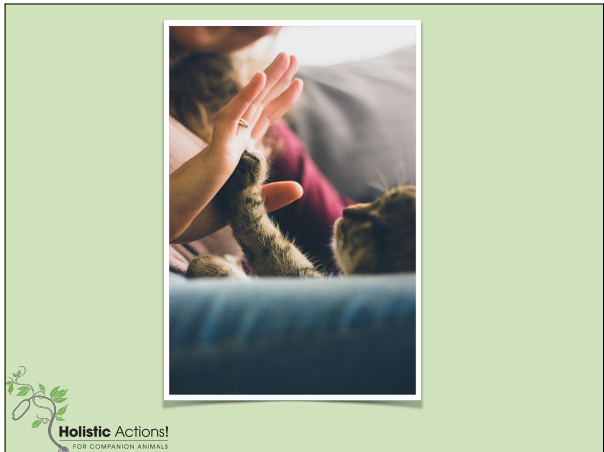
33




34



35



36



He that can have
PATIENCE
can have what he will.
Benjamin Franklin

SYMBIOMY OF LOVE
Photo credit: Unsplash

Cure!

Holistic Actions!
FOR COMPANION ANIMALS

37



Palliation

Holistic Actions!
FOR COMPANION ANIMALS

38



Suppression

Holistic Actions!
FOR COMPANION ANIMALS

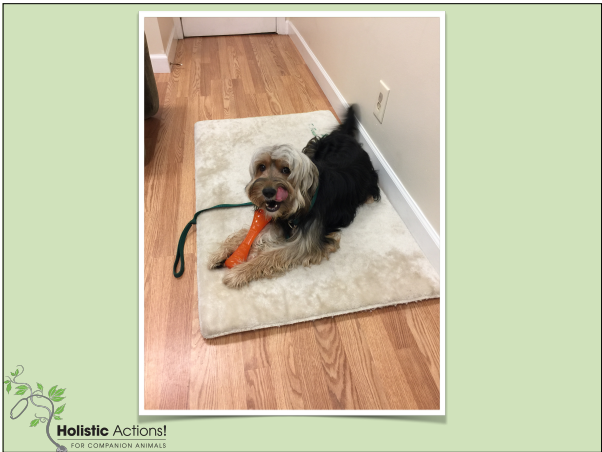
39



*Secret of patience...to
do something else in
the meantime.
-Anonymous*



40



41



42
