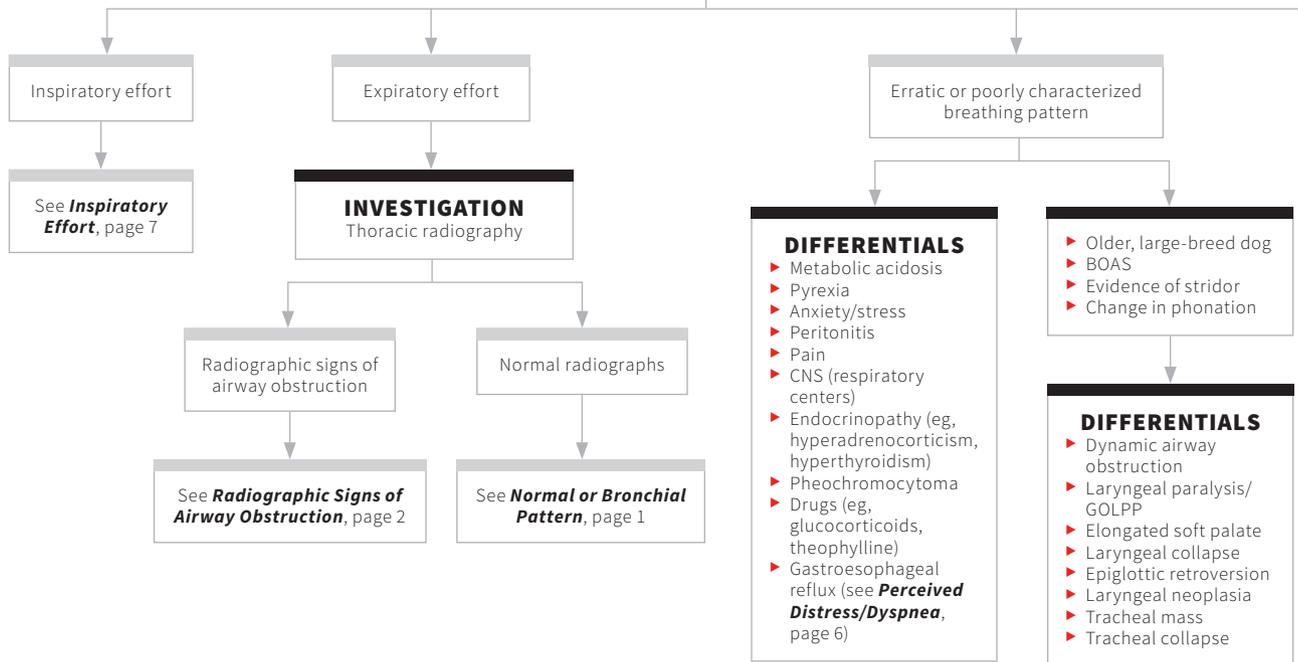
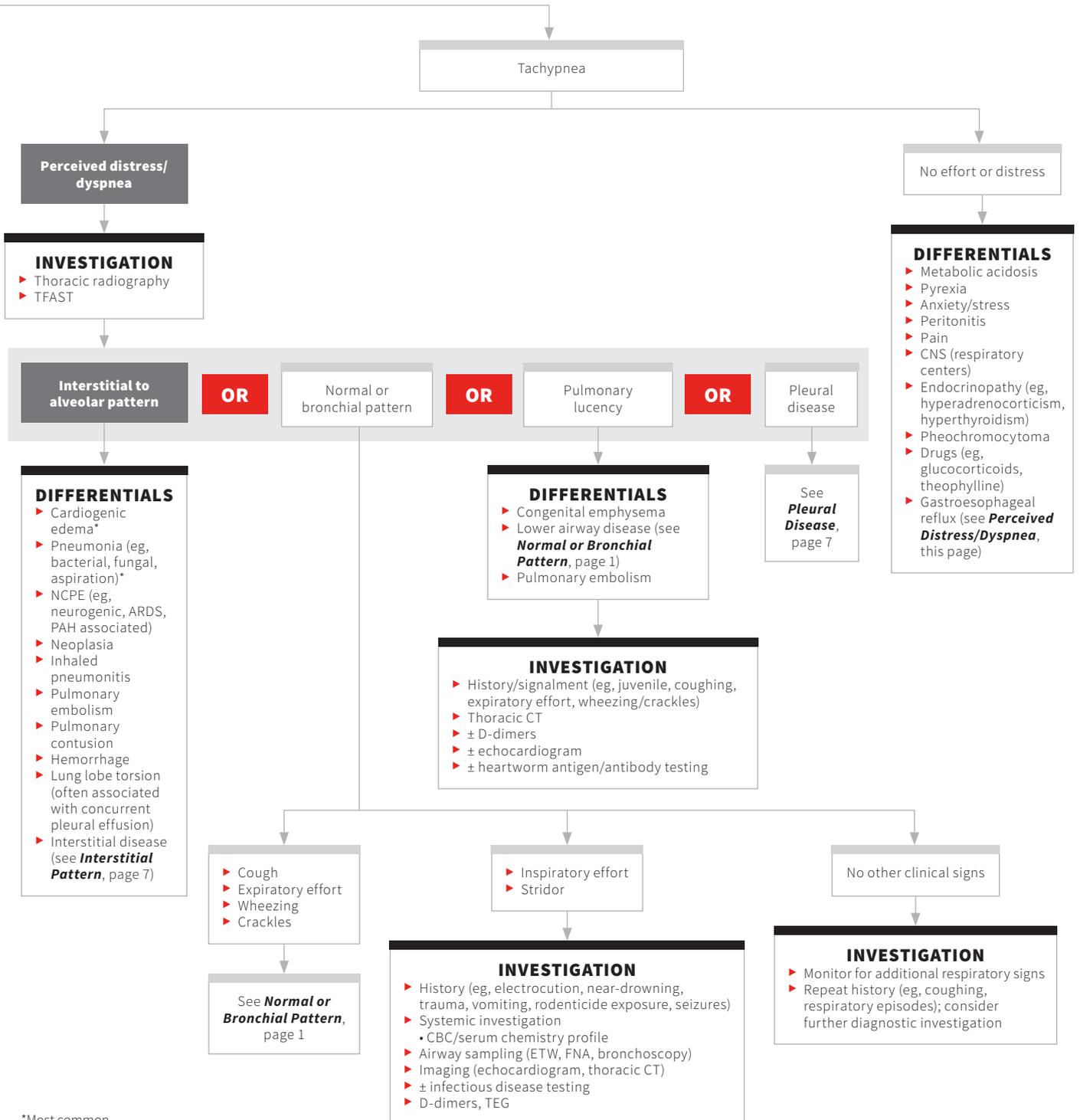


ABNORMAL BREATHING PATTERN

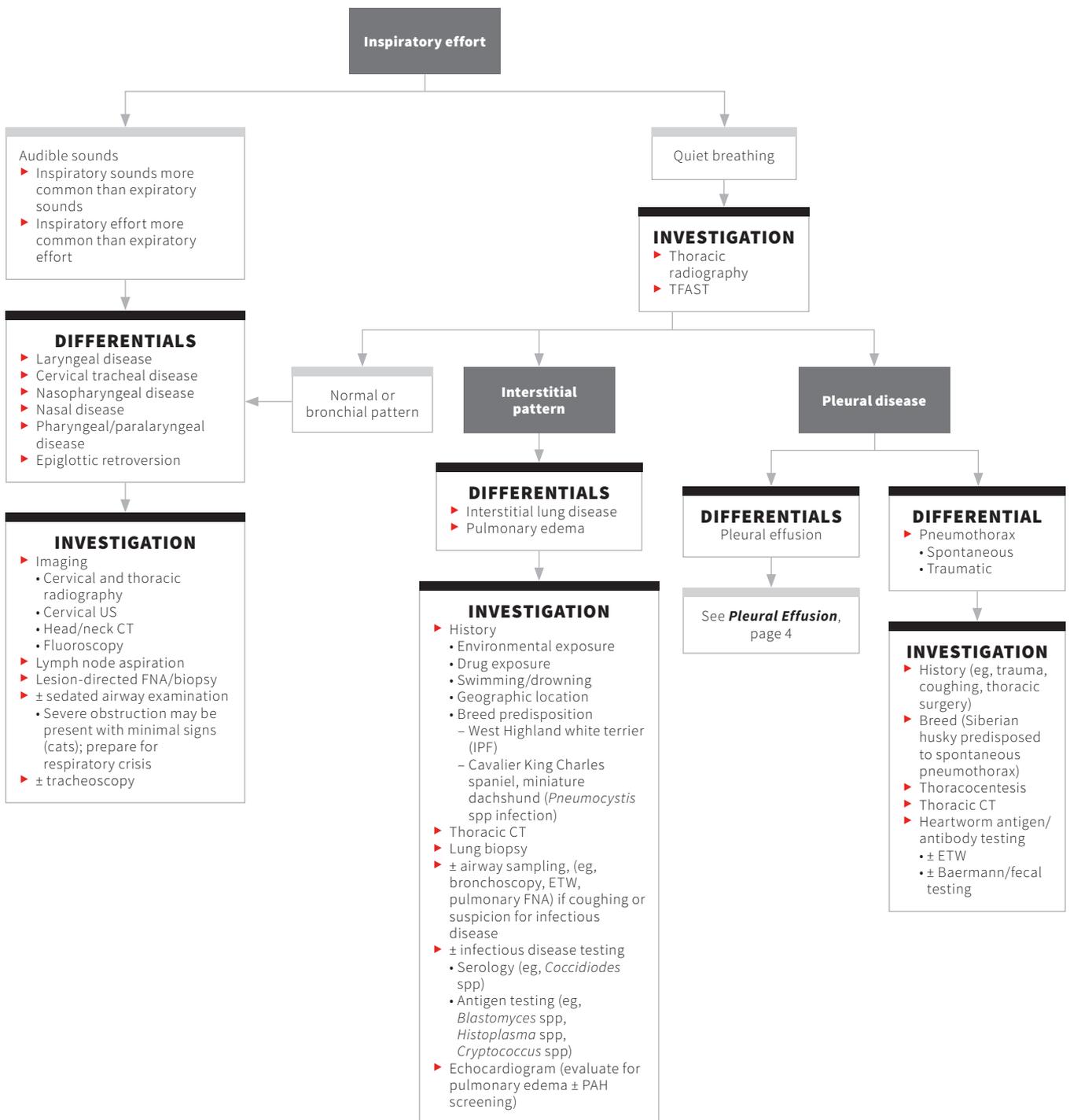


TIPS FOR PLEURAL EFFUSION

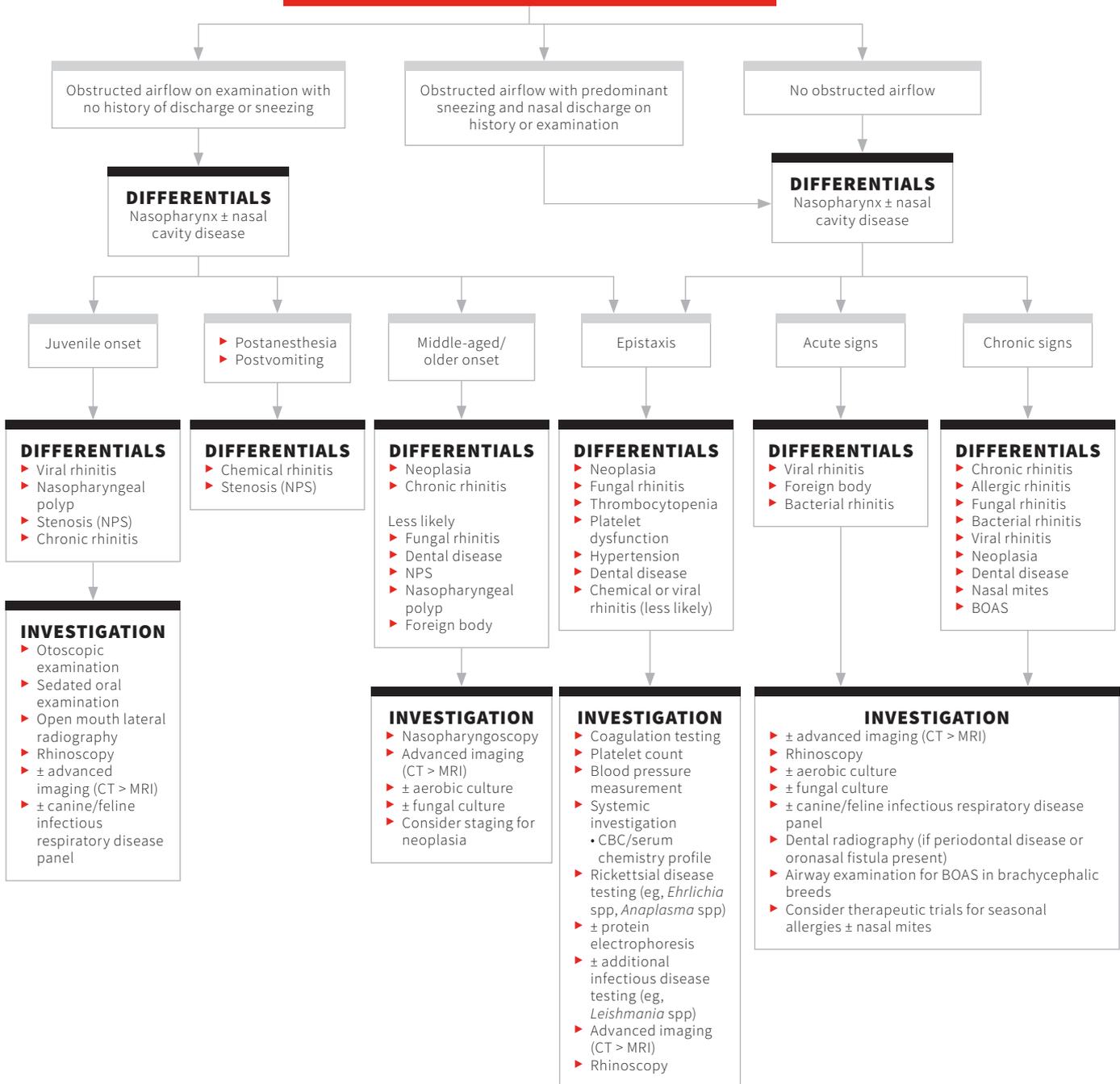
- ▶ Treatment goals should be to improve ventilation; determine the need for anti-infective therapies based on cytology; determine the need for diuretics based on cardiac size, examination, and fluid characteristics; and treat the underlying disease process.
- ▶ Fluid characterization can help guide treatment recommendations.
 - In-clinic cytology is important to establish a rapid treatment plan and direct additional testing.
 - Thoracic US may direct fluid removal or lesion sampling.
 - Lung lobe torsions can have variable fluid cytology (eg, chylous, hemorrhagic, exudative, protein-rich transudate).
 - Pugs and Afghan hounds are overrepresented for lung lobe torsions.
 - Neoplasia is common in older patients, and fluid cytology may not provide a definitive diagnosis.
- ▶ Airway sampling is generally only indicated when concurrent parenchymal disease is present.
- ▶ Pleural effusion is commonly associated with heart failure in cats; LA:Ao ratio >1.4 may be supportive.
- ▶ Pleural effusion may occur from increased vascular permeability because of systemic disease and may require systemic investigation.
- ▶ Afghan hounds, Shiba Inus, and oriental cat breeds are at increased risk for idiopathic chylothorax.



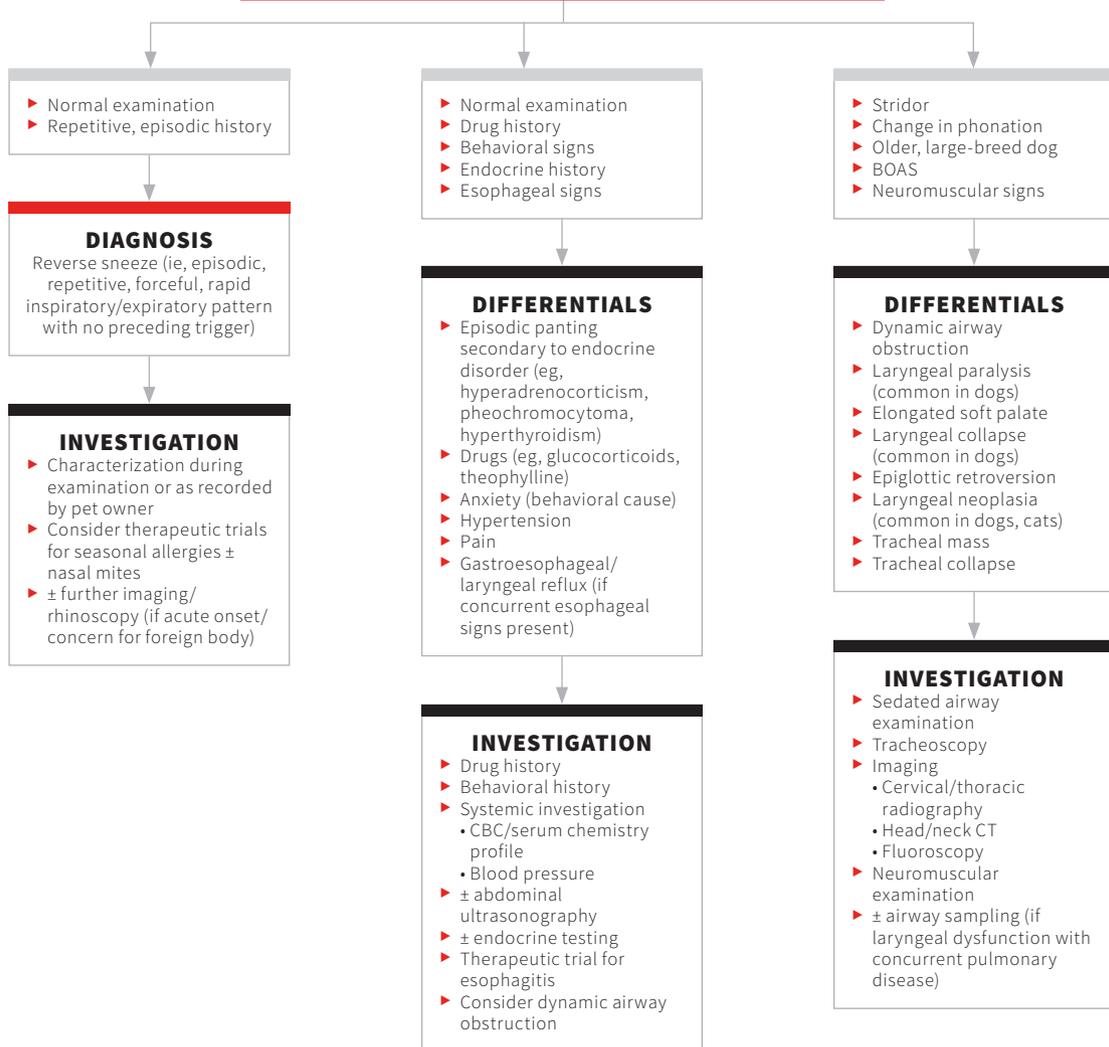
*Most common



EPISTAXIS, SNEEZING, REVERSE SNEEZING, NASAL DISCHARGE, AND/OR STERTOR

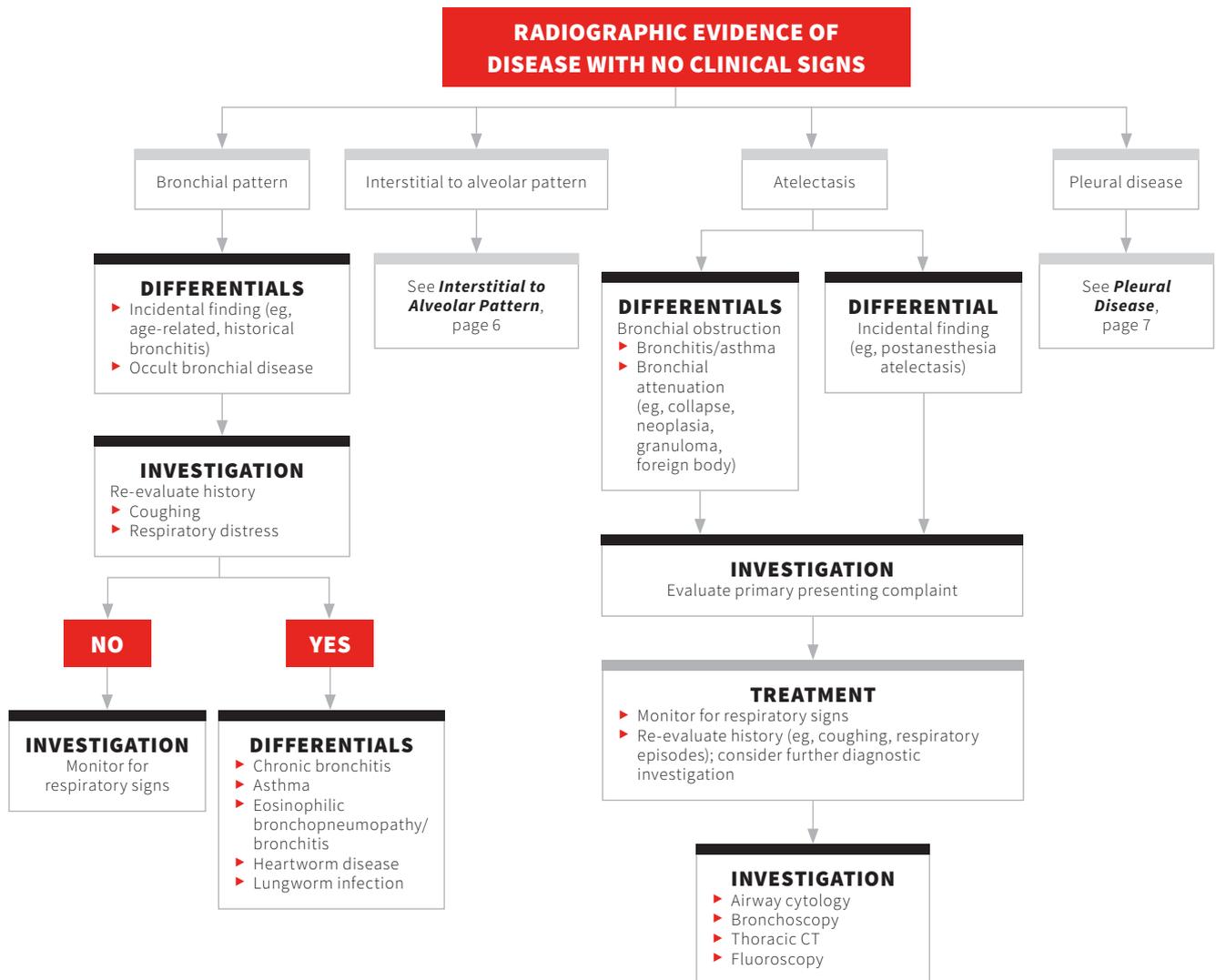


EPISODIC/TRANSIENT RESPIRATORY DISTRESS



ARDS = acute respiratory distress syndrome
 BOAS = brachycephalic obstructive airway syndrome
 CIRDC = canine infectious respiratory disease complex
 ETW = endotracheal wash
 FNA = fine-needle aspiration
 GOLPP = geriatric-onset laryngeal paralysis polyneuropathy
 IPF = idiopathic pulmonary fibrosis
 LA:Ao = left atrial:aortic root

NCPE = noncardiogenic pulmonary edema
 NPS = nasopharyngeal stenosis
 PAH = pulmonary arterial hypertension
 TEG = thromboelastography
 TFAST = thoracic-focused assessment with sonography for trauma
 TTW = transtracheal wash
 UPC = urine protein:creatinine
 US = ultrasonography



Suggested Reading

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