

Exercise 37 Anatomy of the Respiratory System Eighth Edition

Objectives: 1-3

Respiratory Vocabulary

- know the bold-faced terms in the introductory paragraph
pulmonary ventilation, internal/external respiration
- full comprehension of chapter reading

Upper Respiratory System Anatomy

- know the following structures (figure 36.1a):
 - nasopharynx
 - pharyngeal tonsil
 - soft palate
 - palatine tonsil
 - oropharynx
 - laryngopharynx
 - esophagus
 - trachea
 - thyroid cartilage
 - true vocal cord (true vocal folds)
 - vestibular fold (false vocal folds)
 - epiglottis
 - lingual tonsils
 - hard palate
 - external nares
 - internal nares
- be able to answer questions about cleft palate
- know the following structures (figure 36.1b):
 - hard palate
 - soft palate
 - nasopharynx
 - uvula
- be able to answer questions about otitis media
- know the following structures (figure 36.2) Larynx
 - hyoid bone
 - cricoid cartilage
 - greater cornu
 - tracheal cartilage
 - lesser cornu
 - corniculate cartilage
 - epiglottis
 - arytenoid cartilage
 - thyroid cartilage

Lower Respiratory System Anatomy

- know figure 36.3 Structures of Lower Respiratory Tract
- omit figure 36.4
- define pleura, parietal and visceral, pleural space
- know figure 36.5a Organs of Thoracic Cavity
- omit sheep pluck activity

Histology

- be able to identify the structures in figure 36.7 on a slide

Dissection of the Respiratory System of the Cat

- follow Dissection Exercise 6
- be able to identify all structures indicated in figure D6.1 & D6.2 on your cat
- the thymus and thyroid glands have probably been removed from your cat but attempt to identify them.