

RESPIRATORY SYSTEM

Locate the following structures on the appropriate model or diagram. Understand the function of each.

nose

external nares
internal nares (choana)
nasal cavity
paranasal sinuses
 frontal
 maxillary
 ethmoid
 sphenoid
nasal septum
nasal conchae (sup, mid, inf)
meatuses (sup, mid, inf)
olfactory epithelium

pharynx

naso-
oro-
laryngo-
auditory tube (opening)
fauces

hyoid bone

larynx

epiglottis
thyroid cartilage
cricoid cartilage
arytenoid cartilages
corniculate cartilages
cuneiform cartilages
thyrohyoid membrane
cricothyroid ligament
cricotracheal ligament
glottis (true vocal cords)
rima glottidis
ventricular folds (false vocal cords)

trachea

tracheal cartilages
trachealis muscle
carina

bronchi

primary - R, L
secondary (lobar)
tertiary (segmental)
terminal bronchioles
respiratory bronchioles
alveolar sacs
alveoli

lungs - R, L

pleural cavities
parietal pleura
visceral pleura
hilus
apex
base
superior lobe
middle lobe
inferior lobe
oblique fissure
horizontal fissure
cardiac notch

Type I Pneumocyte

Type II Pneumocyte

Macrophage

diaphragm

external intercostal muscles

internal intercostal muscles