

PIG STRUCTURE/FUNCTION

MOUTH

Hard palate

Soft palate

Naso pharynx: airway connecting to nasal sinuses to lungs.

Molar

Esophagus: swallow food to stomach

Glottis: airway to lungs

Salivary Gland: makes saliva

Epiglottis: protects airway, blocks food from entering

Tongue

INTERNAL

Larynx: voice box

Esophagus: food to stomach

Trachea: windpipe/airway

Lung: breathing

Heart: pumps blood to body

Diaphragm: controls breathing and pressure in thoracic

Liver: metabolism/filters blood

Gall bladder: makes bile which digests fat

Stomach: digests food

Pancreas: regulates blood sugar, makes enzymes

Spleen: immunity, makes white blood cells

Small intestine: digestion and absorption of nutrients

Large intestine: compacts feces/absorbs water

Mesentery: holds organs (looks like saran wrap)

Urinary bladder: stores urine

Systems

Respiratory

Digestive

Circulatory

Reproductive

Endocrine

HEART

Right atrium: deoxygenated blood from body

Left atrium: oxygenated blood from lungs

Left ventricle: (thick wall muscular) oxygenated blood to body

Right ventricle: (thin wall) deoxygenated blood to lungs.

UROGENITAL

MALE

Kidney: filters urea out of blood

Ureter: urine from kidney to bladder

Urethra: urine from bladder to penis

Urinary bladder: stores urine

Penis: for urination or sex organ

Vas deferens: stores sperm - travels to exit

Testis: makes sperm and hormones

Epididymis: carries sperm from testis to vas deferens

FEMALE

Kidney

Ureter

Urethra: urine from bladder to vagina

Urinary bladder

Oviduct: transports eggs to uterus

Ovary: makes eggs and hormones

Uterus: houses embryos