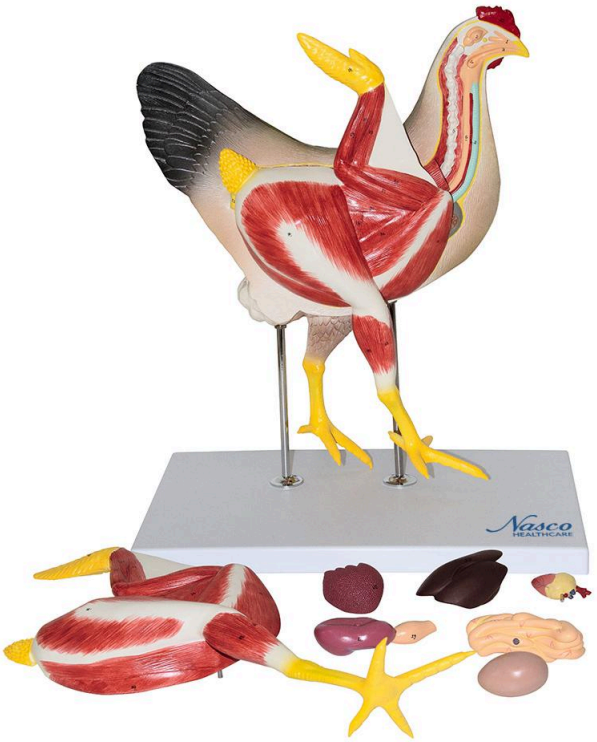
MG20115 | DOMESTIC HEN ANATOMY, 8 PARTS



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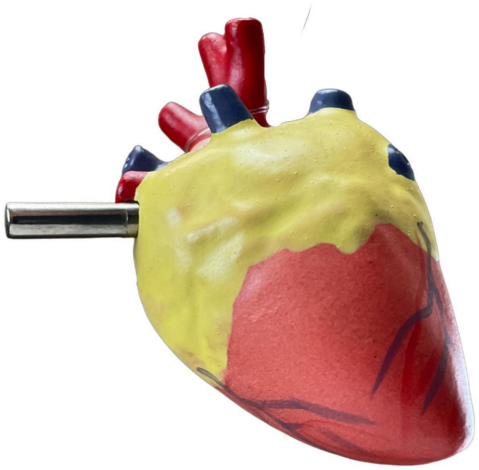


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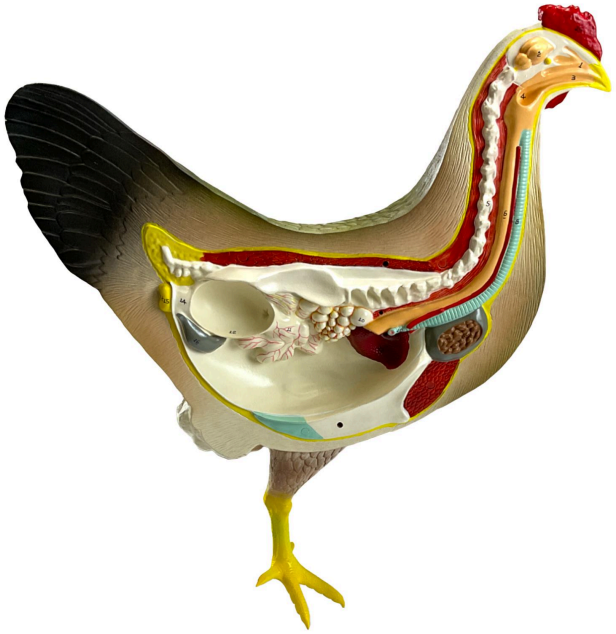
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Eight-Part Chicken Anatomical Model: This life-size model showcases the internal and external anatomy of a chicken, with a medial section revealing details of the internal structures. The right side shows the external morphology, while the longitudinally sectioned left side exposes internal structures, including muscles, heart, liver, intestines, stomach, lungs, reproductive system, and an egg. The model is mounted on a polymer base and includes a detailed information card identifying 39 structures.

Applications:

Veterinary medicine, anatomical study, veterinary offices, examination or waiting rooms, teaching aid, and demonstrations for animal owners.

Features:

* Detailed representation of the internal and external anatomy of a chicken;
* High-fidelity natural molding;
* Manufactured from stable synthetic material and resin, approved in toxicological tests;
* Accurate replicas;
* Numbered and hand-painted;
* Includes an information card with related structures;
* Model fixed on a polymer base.

3D Technology and Augmented Reality:

Our anatomical models offer a visual complement through information cards that activate 3D models viewable in augmented reality (AR). This interactive platform aids learning, allowing for comparative analysis of anatomical structures and offering resources for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:

* Scale: Life-size
* Material: Resin and polymer

Main Structures:

Muscles: The model demonstrates the main muscle groups of the chicken, essential for locomotion and other bodily functions.

Heart: The chicken's heart, like that of other birds, has four chambers (two atria and two ventricles), ensuring efficient separation of oxygenated and deoxygenated blood.

Liver: A large and vital organ in the chicken, it performs crucial metabolic functions, including bile production and nutrient processing.

Intestines: The chicken's digestive tract includes the small and large intestines, responsible for nutrient absorption and waste elimination.

Stomach: The chicken has a two-part stomach: proventriculus (glandular stomach) and gizzard (muscular stomach), adapted for digesting different types of food.

Lungs: The chicken's lungs are relatively small and rigid, and the respiratory system includes air sacs that aid in efficient respiration during flight (although not the case in domestic chickens).

Reproductive System: The model includes a representation of the female reproductive system, showing the ovary, oviduct, and other components.

Egg: An egg is included to illustrate chicken reproduction.

Skeletal System (implicitly represented): The chicken's bone structure, although not explicitly detailed in all parts, is implicit in the overall shape of the model.

Other structures can be verified directly on the physical piece or the interactive 3D model.

About the Anatomical Models:

Developed with resin replication technology, they fulfill a need for anatomical pieces for teaching and research. They present the essential morphological characteristics, combining cost-effectiveness, good resistance, hand painting, and numbering for precise identification of structures.

List of all visible structures:

- Nasal cavity
- Oral cavity
- Pharyngeal cavity
- Cristagalli
- Brain
- Trachea
- Common carotid artery
- Esophagus
- Vertebral column
- Crop
- Bronchi
- Ovary
- Fallopian tube
- Uterus
- Cloaca
- Vagina
- Anus
- Gallbladder
- Hepatic artery
- Vena cava
- Liver
- Intestine
- Egg
- Lungs
- Bronchi
- Pulmonary vein
- Pulmonary artery
- Heart
- Aorta
- Pulmonary artery

- Wing
- Deep flexor
- Radial metacarpus
- Superficial flexor
- Biceps brachii
- Triceps brachii
- Latissimus dorsi
- Superficial pectoral
- Cutaneous dorsalis brachii
- Superficial serratus
- Biceps femoris
- Fibularis longus
- Gastrocnemius
- Semimembranosus
- Glandular stomach
- Muscular stomach