

TOPOGRAPHIC ANATOMY



Prof. Dr. Çağdaş OTO

GENERAL CONDITIONS

□ PURPOSE

The aim of the lecture is provide the knowledge about regional anatomy of the body.

After this course, the students must have good knowledges about the body division in regions and about the stratigraphy of different regions. They also must have good knowledges about the organization of different cavities and of the topography of organs.

□ REFERENCE BOOKS FOR THIS COURSE

DYCE, K.M., SACK, W.O (2010) Textbook of Veterinary Anatomy

POPESCO (1978) Atlas of Topographical Anatomy of the Domestic Animals

LECTURE PLAN FOR THE SEMESTER ONE

- Week 1 : General Terms & Body regions
- Week 2-3-4 : Regiones capitis
- Week 5 : Regiones colli
- Week 6 : Regio dorsalis
- Week 7-8 : Regio thoracis
- Week 9-10 : Regio abdominis
- Week 11-12 : Regio pelvis
- Week 13 : Forelimb
- Week 14 : Hindlimb

Anatomy

Anatomy: Gr. ; Ana + Tome (Temnein)
(The whole - from head to end) + (to cut and break into pieces)

- Anatomy prospect the **NORMAL** shape, color, size and position of the tissues and organs and their relationship with the other parts

Systematic

Locomotor
Digestive
Respiratory
Urogenital
Circulatory
Nervous
Sense organs

Topographic

Body regions
Head
Neck
Back
Thorax
Abdomen
Limbs

ANATOMICAL PLANES

□ In anatomy, four principal planes are used:

- 1-) Planum medianum (median plane)
- 2-) Planum sagittale (sagittal plane)
- 3-) Planum transversum (transvers plane)
- 4-) Planum horizontale (horizontal plane)

Directional Terms

- Dorsal – Ventral
- Cranial – Caudal
- Lateral – Medial
- External – Internal
- Superficial – Profund
- Dexter – Sinister
- Anterior – Posterior
- Superior – Inferior