



DEPARTMENT: CLINICAL SCIENCES 2

COURSE: SURGICAL CLINIC AND CLINICAL LECTURES ON SPECIES

Course lecturer: Lecturer Seralp Uzun

TOPICS AND BIBLIOGRAPHY

Chapter 1 – Surgical infection

- 1.1 Local aerobic surgical infections (abscess, phlegmon, traumatic erysipelas)
- 1.2 Generalized aerobic surgical infections (septicemia, pyemia)
- 1.3 Dry gangrene, wet gangrene
- 1.4 Fistula

Chapter 2 - Traumatology

- 2.1 Closed traumatic injuries (contusions, hematoma, serosanguinous cyst)
- 2.2 Open traumatic injuries – wounds (wound physiopathology, wound classification, wound healing, complications)

Chapter 3 – Ophthalmology

- 3.1 Eyelid pathology (blepharitis, entropion, brachycephalic ocular syndrome)
- 3.2 Third eyelid pathology (hypertrophy and prolapse of the third eyelid gland)
- 3.3 Lacrimal apparatus pathology (Keratoconjunctivitis *sicca*)
- 3.4 Corneal pathology (corneal indolent ulcer, melting corneal ulcer, feline corneal sequestrum, pannus)

Chapter 4 – Surgical pathology of the skin

- 4.1 Burns
- 4.2 Cutaneous necrosis
- 4.3 Cutaneous flaps

Chapter 5 – Orthopedics

- 5.1 Luxation and sprain
- 5.2 Arthrosis and arthritis
- 5.3 Fractures (classification, etiopathogenesis, treatment)
- 5.4 Diagnosis of orthopedic conditions
- 5.5 Osteomyelitis

Chapter 6 – Maxillofacial surgery

- 6.1 Dentistry (dental extractions in dogs, cats, and horses)
- 6.2 Benign and malignant oral tumors
- 6.3 Temporo-mandibular luxation and fractures of the mandible
- 6.4 Palatoschisis

Chapter 7 – Surgical pathology of the abdominal cavity

- 7.1 Peritonitis – peritoneal physiology, classification, etiopathogenesis, diagnosis and treatment
- 7.2 Umbilical, inguinal, perineal, diaphragmatic hernias
- 7.3 Eventration
- 7.4 Evisceration

Chapter 8 – Surgical pathology of the digestive system

- 8.1 Esophageal obstruction and stenosis
- 8.2 Megaeosophagus
- 8.3 Gastric and intestinal foreign bodies
- 8.4 Gastric dilation and volvulus, gastropexy
- 8.5 Intestinal intussusception

Chapter 9 – Acropodial pathology in horses

- 9.1 Laminitis
- 9.2 Contracted heels

Chapter 10 – Hoof pathology in ruminants

- 10.1 Sole ulcer
- 10.2 Interdigital dermatitis
- 10.3 Panaritium

BIBLIOGRAPHY

1. Brockman D.J., Holt D. E, (2005) – BSAVA Manuel of Canine and Feline Head, Neck and Thoracic Surgery, Printed by Replika Press
2. Ionașcu I. (2020) – Veterinary Ophthalmology and General Surgery, Printed by Ex Terra Aurum, Bucharest
3. Monnet E. (2013) – Small animal soft tissue surgery, Printed by Wiley Blackwell
4. Fossum T.W. (2019) – Small Animal Surgery, 5 th Edition, Printed by Elsevier
5. DeCamp C. E., Jonston S. A., DeJardin L.M., Schaefer S. L. (2016) – Handbook of small animal orthopedics and fracture repair, 5th Edition, Printed by Elsevier
6. Kauffmann S. (2017) – The Essential Hoof Book, Printed by Trafalgar Square Books
7. Blowey R.W., Weaver D. A. (2011) – Color Atlas of Diseases and Disorders of Cattle, 3rd Edition, Printed by Mosby-Elsevier

Conf. univ. dr. Iuliana Ionașcu