

Case Log for the Certificate of Small Animal Veterinary Practice Anaesthesia, Pain Management, Emergency & Critical Care

Case log explanations and instructions:

The case log for the Certificate of Small Animal Veterinary Practice / Anaesthesia, Pain Management, Emergency & Critical Care shall contain at least 100 cases mostly compiled in the second half of the program.

The following case categories are mandatory (**Anaesthesia and Pain Management**): at least 50 cases

1. HEAD (HD): At least 5 cases for anaesthesia for patients (cat and dog) with intervention on the **head (dentistry, ophthalmology)**, including local anaesthesia techniques in at least 3 of them
2. ANALGESIA (AN): At least 5 cases of **analgesic management** of severely painful patients during and/or after surgery
3. COMPLICATION (CO): At least 5 cases in which a **complication** happened and was successfully resolved.
4. ORTHOPAEDICS (OR): At least 5 cases of anaesthesia for patients (cat and dog) with an **orthopaedic** intervention, including local anaesthesia techniques in at least 3 of them
5. ABDOMEN (ABD): At least 10 anaesthesia cases for interventions on the **abdomen** (cat and dog) including at least 2 laparoscopic procedures, 2 splenectomies, 2 gastric dilatation-volvulus patients, and 2 patients with interventions on the urinary tract
6. AIRWAY/THORAX (AIR): At least 10 cases with intervention on or close to the **airways** and/or **thoracic surgery** cases, including various upper airways diseases (brachycephalic, foreign body, mass, unable to open mouth, laryngeal paralysis) or airway management (laryngeal mask airway, tracheostomy). Intra-thoracic surgery cases are not mandatory.
7. SPECIES (SP): At least 10 cases **in different species** than dogs and cats, among the following should be represented: Rabbit, guinea pig, rat, hamster, ferret, wild animal (i.e. hedgehog, bird, reptile)

The following case categories are mandatory (**Emergency & Critical Care**): at least 50 cases

1. RESPIRATORY DISTRESS (RD): At least 10 cases with respiratory distress including upper airway obstruction, pleural space disease, pulmonary parenchymal disease and stabilization (e.g., nasal oxygen cannula, thoracentesis, chest drain, oxygen supplementation techniques)
2. TRAUMA (PT): At least 10 blunt and penetrating trauma cases including hit by car, high-rise-syndrome, bite wounds, head trauma
3. GASTROINTESTINAL TRACT (GIT): At least 10 gastro-intestinal emergencies including acute vomiting and diarrhea, upper and lower intestinal obstruction, management of GDV, diagnosis and management of acute abdomen.
4. INTENSIVE CARE (ICU): At least 10 ICU cases including post-surgical management, management of septic patients, feeding techniques (e.g., esophagostomy tubes, naso-esophageal feeding tubes), calculation of a nutritional plan; monitoring of critically ill patients; post-resuscitative care; administration of blood products.
5. DIVERSE (DIV): At least 10 cases with diverse diseases related to emergency and critical care, e.g., Addison crisis, diabetic ketoacidosis, severe anemia, acute renal failure, FLUTD, cardiac emergencies; performing cardiopulmonary resuscitation according to RECOVER guidelines, neurologic emergencies, e.g., seizures

For each case, the following information is mandatory (information is provided as example)

ANAESTHESIA AND PAIN MANAGEMENT CASES

1. **Date:** 11 January 2019
2. **Name or file number:** Kiki Miller, File 23112015
3. **Species, breed, age, gender:** Dog, Labrador, 6y 5m, fs
4. **Major complaint/ problem:** Abdominal pain and vomiting
5. **Clinical and further examinations (blood work, diagnostic imaging, laboratory, ...):** CBC and chemistry, radiographic and ultrasound examination of abdomen, ...
6. **Diagnosis and intervention:** Intestinal foreign body: Mid-line laparotomy for intestinal resection und anastomosis
7. **Anaesthetic and analgesic management**
 - Premedication
 - Induction of anaesthesia
 - Maintenance
 - Recovery and analgesia
 - Perioperative management
 - Monitoring
8. **Complications and therapy:** Hypotension (Tx: adjust anaesthetic depth, bolus infusion of crystalloid solution; ...
9. **Post-operative phase:** Oxygen administration and active heating. Emergence delirium for about 30 min, resolved without treatment. Otherwise uneventful recovery in ICU.
10. **Your comment:** Well managed case. Next time lidocain administration earlier?
11. **Code:** ABD

EMERGENCY & CRITICAL CARE CASES

1. **Date:** 11 January 2019
2. **Name or file number:** Kiki Miller, File 23112015
3. **Species, breed, age, gender :** Dog, Labrador, 6y 5m, fs
4. **Major complaint/ problem:** Acute Abdominal pain and vomiting
5. **Emergency treatment / initial stabilisation:** Fluid resuscitation, analgesia with..., blood-pressure support with..., monitoring:
6. **Clinical and further examinations (blood work, diagnostic imaging, laboratory, ...):** CBC and chemistry, radiographic and/or ultrasound examination, ...
7. **Diagnosis and intervention/therapy:** Intestinal foreign body, stabilisation for surgery
8. **Complications and therapy:** Hypoproteinaemia (Tx: administration of fresh frozen plasma),
9. **In-hospital monitoring and care:** Electrocardiography, blood pressure; blood work check; bandage change; catheter care
10. **Hospital stay and follow up:** Post-operative plan, analgesia, rehydration,...
11. **Your comment:** 24 hours of hypotension, difficult to control despite vasopressor therapy
12. **Code:** GIT

The case log needs to be compiled as an Excel file.

Abbreviations may be used but must be explained at the beginning of the case log table.

List the cases in chronological order. Cases can only be logged under one category.