



VETERINARY NURSES

SEPT 23 – DEC 24 | ONLINE CPD

ONLINE TUTORED CPD COURSES

9 NEW TUTORED COURSES FOR 2024 | UNLIMITED LIFETIME ACCESS FOR ALL ONLINE COURSES

ANAESTHESIA AND ANALGESIA

Monitoring Matters January 2024	5
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Pain and Analgesia March 2024	14
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EMERGENCY AND CRITICAL CARE

Approach to Critical Care Nursing January 2024	4
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Tubes, Drains and Lines
June 2024

Medical Emergencies
July 2024

Approach to the Emergency Patient
August 2024

Common Emergency Patient Presentations
September 2023 & 2024

Approach to the Respiratory Patient
October 2023 & September 2024

Common Emergency Patient Presentations – A Few More!
October 2023 & 2024

The Nurse's Role in Managing Chronic Feline Diseases
November 2023 & 2024

MEDICINE

NEW
Common Feline Cancers
January 2024

Nutrition for Life
January 2024

Canine and Feline Endocrine Nursing
February 2024

NEW
Immune Mediated Conditions
February 2024

Introduction to Oncology
February 24

NEW
Renal and Urinary Tract Conditions
April 2024

Dentistry
April 2024

Clinical Nutrition
April 2024

Cardiology in Practice
June 2024

NEW
Feline Healthy Ageing
June 2024

Diagnostic Imaging
July 2024

NEW
Feline Medicine Medley
July 2024

Common Canine Cancers
September 2023 & 2024

Nursing Brachycephalics
September 2023 & 2024

NEW
Toxicology
September 2024

Advanced Nutrition
September 2023 & 2024

Neurology in Practice
October 2023 & September 2024

Approach to the Patient with Gastrointestinal Disease
October 2023 & 2024

NEW
Nutrition for Challenging Cases
November 2024

SURGERY AND REHABILITATION THERAPY

Nursing Orthopaedic Patients
January 2024

Physiotherapy and Hydrotherapy
April 2024

Theatre Nursing
June 2024

EQUINE
Equine Nursing
January 2024

EXOTICS
Round up of Rabbit Care
February 2024

Anaesthesia, Analgesia and Critical Care for Rabbits
October 2023 & September 2024

Introduction to Nursing Exotic Patients
October 2023 & 2024

CLIENT CARE / PERSONAL DEVELOPMENT
The Role of the Head Nurse
April 2024

Nurse Clinics
September 2023 & 2024

CPD LEVELS

All veterinary staff are welcome to attend our courses, including veterinary surgeons and student nurses. The CPD levels are just a guide to help you decide if a course may be more or less suitable.

1) INTRODUCTION

Maybe most suitable for qualified nurses in general practice approaching a new topic or looking for a refresher course.

2) INTERMEDIATE

Maybe most suitable for qualified nurses in general practice and referral / specialist nurses looking for a refresher course.

3) ADVANCED

Maybe most suitable for referral / specialist nurses and highly experienced qualified nurses in general practice.

COMMON FELINE CANCERS

NEW

SPEAKER **NICOLA READ** DIPAVN (MEDICAL), PGCERT
VETERINARY ONCOLOGY, AFHEA, RVN

STARTS **8TH JANUARY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE / ADVANCED**

WEEK 1 MAMMARY TUMOURS

Mammary tumours are a common tumour in cats which are often malignant, yet a small percentage are benign. Early detection and intervention can have a positive outcome and some patients go on to live disease-free lives, others require continuous treatment and monitoring.

Presentation and behaviour of mammary tumours

Diagnosis and staging

Treatment modalities and monitoring considerations

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Explain the potential causes of mammary tumours in cats

List what investigative procedures may be necessary to secure a diagnosis and what safety factors should be observed when sampling masses

Understand which treatment modalities are most useful for which form of the disease

Describe the patient and client care considerations when managing cases of feline mammary tumours

WEEK 2 LYMPHOMA

Lymphoma is a cancer of the lymphocytes and/or lymphoid tissue, which is present in many locations within the body; presentation and treatment of these cases is dependant on location. This week we will cover:

Manifestation of feline lymphoma and categories of disease

Diagnosis, staging and prognostic indicators

Treatment options for feline lymphoma

Chemotherapy protocols, client expectations and how to create a feline friendly environment

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

List the common manifestations of feline lymphoma and the patient groups most affected

Understand the value of staging and monitoring the disease

Describe the subtypes of feline lymphoma and the difference in treatment approaches

Explain the rationale of a multimodal chemotherapy protocol and how it may impact on prognosis

Analyse personal skill set and determine how you could support feline patients with lymphoma using your practice facilities

WEEK 3 SQUAMOUS CELL CARCINOMA

Squamous cell carcinoma is the most common form of head and mouth cancer in cats; the behaviour of this neoplasm is sometimes unpredictable and can be very invasive. On week three we discuss the presentation, investigation and treatment options available for these patients and look at some practices which are novel to veterinary medicine.

Presentation, diagnosis and staging of squamous cell carcinoma, including lymph node mapping

Treatment options and impact on prognosis

Surgical interventions, nursing support and rehabilitation

Introduction to electrochemotherapy and photodynamic therapy

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Describe the different imaging techniques used to evaluate feline squamous cell carcinoma

List treatment options and prognostic indicators for feline squamous cell carcinoma

Understand the mechanism of action behind novel techniques for feline squamous cell carcinoma

Describe the common surgical interventions and post-operative patient considerations

WEEK 4 SOFT TISSUE SARCOMAS

Feline injection site sarcoma (FISS) is one of the most common soft tissue sarcomas of cats. The disease may present as a minor mass to the owner but often this is just the tip of the iceberg. Week 4 looks at FISS in more detail and brings the courses learning materials all together in this last week.

Soft tissue sarcoma pathophysiology overview

Diagnostic and staging processes

Treatment options, radiation and surgical management

Adjuvant (post-operative) chemotherapy and restaging

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Describe the diagnostic approach to determining cancer diagnosis and tumour burden

Explain typical neoplastic behaviour of FISS and the impact of intervention on survival time

Understand the fundamental reasoning for adjuvant chemotherapy and the options for post-operative care



APPROACH TO CRITICAL CARE NURSING

SPEAKERS **ELLE HASKEY** BSC(HONS), VTS(ECC) VPAC AI, RVN
KATIE GRAY PGCERT VE, DIP AVN, RVN, FHEA, MNCS
STARTS **8TH JANUARY 2024**

CPD **6 WEEKS / 15 HOURS**
COST **£255 +VAT**
LEVEL **INTRODUCTION / INTERMEDIATE**

WEEK 1 RECUMBENCY NURSING

Common causes for recumbency

Nursing the recumbent patient

Common complications associated with recumbency

LEARNING OBJECTIVES

List some of the common causes for recumbency and how these conditions may be treated

Discuss the nursing considerations for the recumbent patient and how these can be implemented to help support the patient during their recovery whilst hospitalised

Describe the common complications associated with recumbency and how these can be prevented whilst the patient is hospitalised

WEEK 2 NUTRITION IN THE HOSPITALISED PATIENT

Why is nutrition important?

Who needs nutrition?

When should nutrition be started?

Creating a nutrition plan

Assisted feeding options

LEARNING OBJECTIVES

Understand why nutrition is important for the recovery of hospitalised patients

Identify patients in needs of nutrition

Discuss when is the appropriate time to start nutrition in their hospitalised patient

Describe how to create a feeding plan including patient assessment, calculation of RER and implementation of the nutritional plan

WEEK 3 SEPSIS

What are SIRS and sepsis?

How to recognise sepsis in dogs

How to recognise sepsis in cats

Sepsis bundles

Recent sepsis research in human medicine

LEARNING OBJECTIVES

Know the definitions of SIRS / sepsis and the difference between them

List the patient observations used to help us be able to recognise sepsis in the dog

List the patient observations used to help us be able to recognise sepsis in the cat

Understand what a sepsis bundle is, and when they can be used in practice

Understand the recent research into sepsis in human medicine and how this impacts us in veterinary practice

WEEK 4 ACID BASE / ELECTROLYTES

What is acid / base?

What are electrolytes?

Electrolytes – Sodium

Electrolytes – Potassium

Electrolytes – Calcium

Glucose

LEARNING OBJECTIVES

Explain acid / base status

Understand which electrolytes we can measure in veterinary practice and why

Identify when a patient may become hypo or hypernatraemic, and describe the treatments that may benefit them

Identify why a patient may be hypo or hypercalcaemic, and describe the treatments that may benefit them

WEEK 5 INFECTION CONTROL

How to create an infection control plan for the clinic

Assigning an infection control champion

Identify and develop protocols

Make an assessment

Staff education and training plans

Surveillance and compliance

LEARNING OBJECTIVES

Identify an infection control champion in practice and understand their role in the infection control plan

Discuss the common infection control protocols required in practice to minimise the spread of pathogens

Understand how to make an assessment of the protocols already in place and identify their strengths and weaknesses

Explain the importance of staff education and training when implementing infection control protocols

List the common surveillance techniques to ensure compliance to the infection control plan

WEEK 6 END OF LIFE CARE AND CLINICAL GOVERNANCE

Euthanasia

Palliative care

Mental health awareness

Clinical governance in practice

LEARNING OBJECTIVES

Understand the reasons vets and clients consider euthanasia, and learn ways to ensure the experience can be made as peaceful and calm as possible in practice for all involved

Understand the reasons that clients may choose to consider palliative care, and how we can help ensure the patients are comfortable within our role as veterinary nurses

Understand the impact of euthanasia and how the death of a pet can affect both the family of the patient and the veterinary staff involved

Understand the mental health implications of veterinary medicine on the team, and ways in which we can help our team and ourselves to cope

Describe what clinical governance is, what is discussed and why it may be beneficial to start holding these meetings in your practice



MONITORING MATTERS – HOW TO GET THE BEST OUT OF MULTI-PARAMETER MONITORING

SPEAKER **COLETTE JOLLIFFE**
BVETMED, CERTVA, DIPECVAA, FRCVS

STARTS **15TH JANUARY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

This 4 week tutored course will guide the candidates through the complexities of multiparameter monitoring. After completion of the course, candidates will better understand the effects of anaesthesia on the patient and causes of abnormalities encountered while monitoring anaesthetised patients. They will be able to use hands-on techniques and the multiparameter monitor to detect problems before they become serious, and to differentiate between artefacts and real patient issues to improve the safety of their patients.

WEEK 1 WHAT ARE WE MONITORING AND WHY?

What anaesthesia does to the patient and what we can do about it

Monitoring depth of anaesthesia

Temperature monitoring

LEARNING OBJECTIVES

Understand why good monitoring is essential for safe anaesthesia

Understand the challenges of monitoring depth of anaesthesia

Appreciate the importance of monitoring body temperature and the consequences of hypo- and hyperthermia

WEEK 2 MONITORING THE RESPIRATORY SYSTEM

Capnography

Pulse oximetry

LEARNING OBJECTIVES

Understand the physiology involved in the formation of the capnograph trace

Interpret normal and abnormal capnograph traces

Understand the physiology behind pulse oximetry, and its limitations

Confidently troubleshoot abnormal capnography traces and pulse-oximetry readings

WEEK 3 MONITORING THE CARDIOVASCULAR SYSTEM

Physiology of heart rate and blood pressure control

The electrocardiogram

Blood pressure monitoring

LEARNING OBJECTIVES

Understand the causes of heart rate and blood pressure changes during anaesthesia

Describe how the electrocardiogram is generated

Interpret the electrocardiogram

Understand the different techniques for measuring blood pressure

Interpret blood pressure readings and understand causes of inaccurate readings

WEEK 4 MONITORING WITH BLOOD WORK AND TROUBLESHOOTING EQUIPMENT

Blood gas and acid-base

Glucose monitoring and other tests

Monitor-related artefacts and technical problems

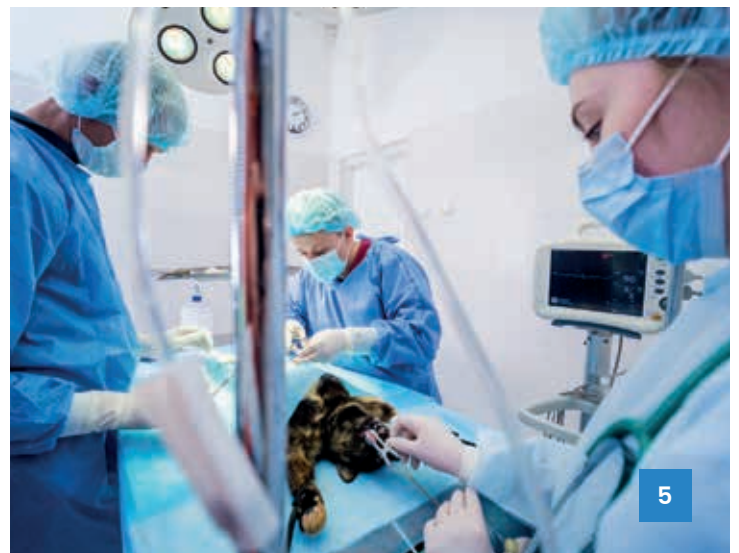
LEARNING OBJECTIVES

Understand when blood gas analysis is useful

Interpret blood gas analyses in the light of the patient's history and clinical problems

Decide when glucose monitoring and other tests during anaesthesia are important

Troubleshoot monitor-related issues



EQUINE NURSING

SPEAKER **BONNY MILLAR**
CVT(USA), REVN, RVN

STARTS **15TH JANUARY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 **BROODMARES:** **DYSTOCIA,** **CAESAREAN AND** **POST-OP CARE**

Define dystocia and recognise the stages of labour

Maternal causes of dystocia

Surgical and non-surgical interventions

Post-operative care of the mare

Post op complications and preventative measures

LEARNING OBJECTIVES

Know the definition of dystocia and be able to recognise the stages of labour

Understand the causes that can be attributed to the broodmare regarding disease status and/or anatomy

Understand when emergency treatment is required and what forms of intervention are recommended

Understand what critical care treatment and monitoring is needed to assist the mare in recovery

WEEK 2 **NEONATES:** **POST DYSTOCIA** **RESUSCITATION** **AND INTENSIVE** **CARE NURSING**

Foetal causes of dystocia

Emergency monitoring and treatment of the foetus in utero

Post dystocia neonatal resuscitation

Follow up intensive care nursing

Emerging therapies for the post dystocia neonate

LEARNING OBJECTIVES

Know the foetal causes of dystocia and understand how they occur

Understand how foetal monitoring and treatments can help neonatal survival rates

Describe the resuscitation techniques used to revive foals

Become familiar with neonatal critical care techniques

WEEK 3 **COLIC:** **THE NURSE'S** **ROLE IN THE** **ASSESSMENT** **WORKUP**

Diagnostic procedures

Laboratory analysis

Differential diagnosis – surgical or medical treatment?

When colic is not an intestinal condition

Preparing the patient for an exploratory laparotomy

LEARNING OBJECTIVES

Recognise the signs of colic and the reasons they occur

Understand the techniques the nurse can perform to assist in a diagnosis

Understand how to perform laboratory tests for colic patients

Understand what tasks are carried out to prepare the patient for surgery

WEEK 4 **COLIC:** **EMERGENCY** **SURGERY AND** **POST-OP CARE**

Preparation of the patient in theatre

Anaesthetic risks in the seriously ill colic patient

Common surgical conditions of the small and large intestine

The immediate recovery period following colic surgery

Post op critical care nursing

LEARNING OBJECTIVES

Recognise how to prepare a colic patient in the theatre

List the common intestinal conditions that require surgical correction

Understand the steps required to safely recover a patient from colic surgery

Recognise how nurses provide intensive care to the post op colic patient



NURSING ORTHOPAEDIC PATIENTS

SPEAKER ALISON YOUNG
DIPAVN (SURGICAL), VTS (SURGERY), RVN

STARTS 8TH JANUARY 2024

CPD 6 WEEKS / 15 HOURS

COST £255 +VAT

LEVEL INTRODUCTION / INTERMEDIATE

This 6 week course will cover many different aspects of nursing orthopaedic patients and the role nurses can play in giving these patients the best chance of an optimal recovery.

WEEK 1 THE ORTHOPAEDIC TRAUMA PATIENT

Presentation

Triaging wounds

Initial wound management

Open fracture management

LEARNING OBJECTIVES

Prepare equipment for initial stabilisation of the trauma patient

Select dressings and materials for initial wound management

Understand the grading system for open fractures and how this affects management of these cases

Prepare all necessary items for treatment of open fractures

WEEK 2 PREPARING THE PATIENT FOR SURGERY

Clipping and preparing the patient

Orthopaedic theatre nursing

Theatre set up

Instrumentation

Scrub nurse role

Cleaning and sterilising

LEARNING OBJECTIVES

Create an appropriate surgery schedule

Identify common orthopaedic surgical instruments and their use

Prepare and confidently check the theatre set up for a range of procedures, including equipment

Have a full understanding of orthopaedic equipment and how to care for it correctly

Understand the benefits a scrub nurse provides to the surgeon, the patient and the surgical procedure

WEEK 3 ORTHOPAEDIC PROCEDURES – SO MANY TO CHOOSE FROM!

Surgery

Arthroscopy

LEARNING OBJECTIVES

Understand the options available for common orthopaedic conditions

Create a case study for a patient they have been involved in the nursing care of

Identify common surgical equipment, its use and how to prepare for surgery

WEEK 4 FRACTURE REPAIR – INTERNAL FIXATION

Fracture classification

Implants and consumables

Surgical instruments and equipment

LEARNING OBJECTIVES

Identify common surgical implants used in fracture repair

Understand how the method of repair used will impact on the care required for the patient post-operatively

WEEK 5 FRACTURE REPAIR – EXTERNAL FIXATION

Implants and consumables

Surgical instruments and equipment

LEARNING OBJECTIVES

Identify common surgical implants used for external fracture repair

Understand the instructions required by owners for the ongoing care and management of patients with external fixators

WEEK 6 RECOVERY AND THE POST- OPERATIVE PERIOD

Recovery from anaesthesia

Immediate therapy

Ongoing nursing care plans

Surgical complications

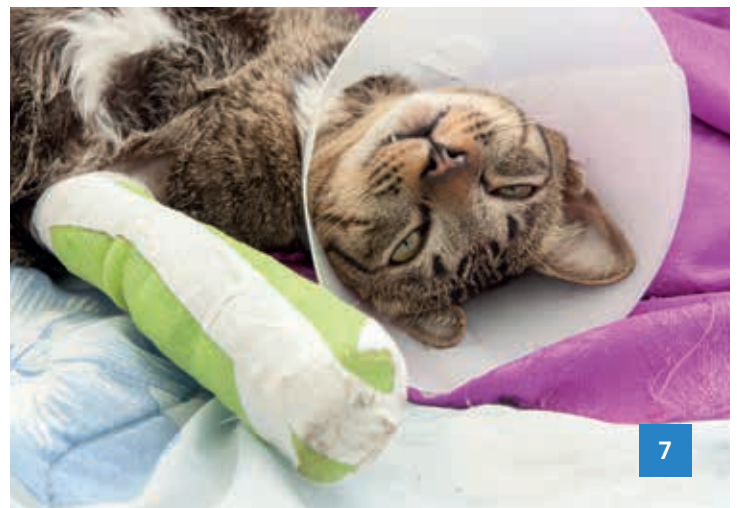
LEARNING OBJECTIVES

Create nursing care plans for post-operative surgical patients

Develop the team role for nurses in the rehabilitation of orthopaedic patients

Understand the key responsibilities for client communication and post-operative care

Identify common complications and how to ensure owners understand the potential consequences



NUTRITION FOR LIFE

SPEAKER **GEORGIA WOODS-LEE**
CERT CFVHNUT, VTS (NUTRITION), RVN

STARTS **22ND JANUARY 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTRODUCTION / INTERMEDIATE**

WEEK 1 FROM CONCEPTION TO WEANING

Parent health prior to conception and how this may affect pregnancy, parturition, and offspring

Nutritional requirements during pregnancy

Nutritional adaptations required during lactation

Neonate nutritional requirements, including how to hand feed effectively

Weaning

LEARNING OBJECTIVES

Discuss how nutrition affects reproduction and key adaptations that are required

Have a clear understanding of how to promote health through nutrition during lactation

Identify the essential nutritional requirements for neonates

Understand how to hand feed neonates correctly

WEEK 2 GROWTH

Optimal growth

Effects of neutering

Nutritional considerations for large breed puppies

LEARNING OBJECTIVES

Correctly use growth charts to map growth

Identify when growth is not ideal and the necessary changes that are required to maintain a healthy weight to adulthood

Have a good understanding of the nutritional adaptations that will be required at the point of neutering

WEEK 3 ADULT MAINTENANCE

Promoting health in adults

Maintaining a stable weight

Treat management

Recognise key aspects of feeding working dogs

LEARNING OBJECTIVES

Understand nutritional requirements for adults and how these must be adapted for each pet's circumstances

Identify points of concern and to make appropriate recommendations

Reflect on how nutritional requirements for working dogs may differ from pet dogs

WEEK 4 GOLDEN OLDIES – SENIOR PETS

Defining 'senior' age as an individual process

Understanding age related changes and how these require nutritional adaptation

Environmental considerations for pets in their senior years

LEARNING OBJECTIVES

Confidently assess the needs of a senior pet

Identify environmental changes that may be required

Understand the dynamic changes to nutrition that are required for seniors, to better support the pet and owner

WEEK 5 DIET CHOICES

Examination of the pet food label

Introduction to alternative diet types and how to have conversations with pet owners

How to manage pets fed an alternative diet within a hospital environment

LEARNING OBJECTIVES

Identify all key information on a pet food label and how this is used to determine a feeding amount

Have a broad understanding of the pros and cons associated with alternative diets that are now commonly fed

Appreciate methods for assessing the suitability of alternative diets and how to improve safety

Confidently talk to pet owners who wish to feed an alternative diet type

WEEK 6 MAINTAINING AN IDEAL WEIGHT

Assess ideal weight through body condition scoring and muscle condition scoring

Simple steps to ensure obesity does not occur, and what can help if it does

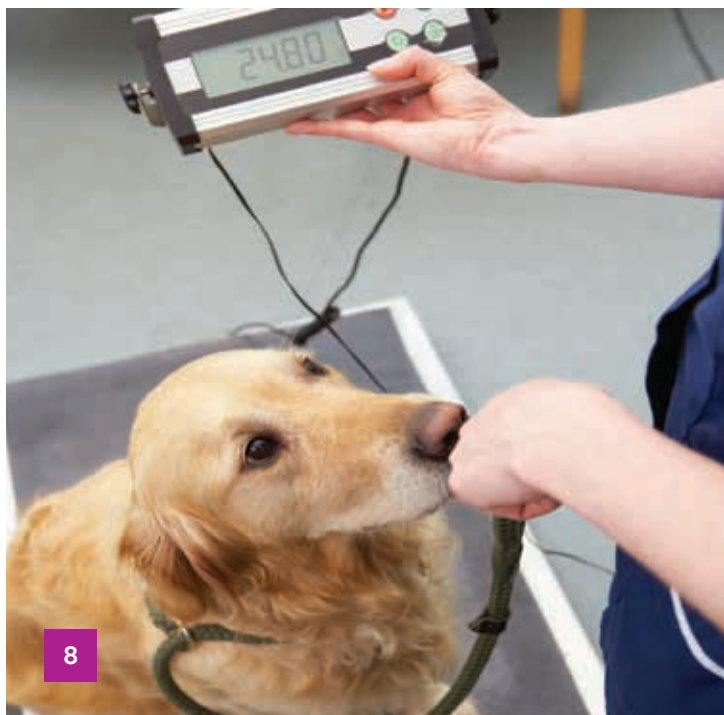
How to calculate a feeding quantity of dry, wet or mixed diet types

LEARNING OBJECTIVES

Confidently conduct a body condition score and muscle condition score to identify an ideal weight and good health

Understand how simple food management in the home can prevent obesity occurring

Thoroughly understand calculations for determining a feeding amount to prevent either over or under feeding



CANINE AND FELINE ENDOCRINE NURSING

SPEAKER **GINA PARKES**
DIPAVN (SMALL ANIMAL), AFHEA, RVN

STARTS **5TH FEBRUARY 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 **CANINE** **HYPOTHYROIDISM**

LEARNING OBJECTIVES

Identify the clinical signs of canine hypothyroidism

Explain the role of hormones in the body

Explain the relationship between TSH and thyroid hormones

Describe what canine hypothyroidism is and why it occurs

Describe ways to support the client owning a canine with hypothyroidism

WEEK 2 **CANINE AND** **FELINE DIABETES**

LEARNING OBJECTIVES

Name the 3 types of cells that contribute to the endocrine function of the pancreas

Name the two main types of insulin used in cats and dogs

Describe the reason dogs become diabetic

Describe the reason cats become diabetic

Explain some differences in the nursing considerations you would give cats compared to dogs and why

WEEK 3 **FELINE** **ACROMEGALY**

LEARNING OBJECTIVES

Identify 3 major hormones that are lost when you remove the anterior pituitary gland

Explain how feline hypersomatotropism occurs

Discuss how excess growth hormone results in acromegaly

Explain the nursing considerations for a hypophysectomy patient

Explain the support that a client might need for a cat with FeHS

WEEK 4 **FELINE** **HYPERTHYROIDISM**

LEARNING OBJECTIVES

Discuss the clinical signs that a hyperthyroid cat might present with

Explain the effects of too much thyroid hormone on the body

Demonstrate an understanding of the treatment options available for the disease in order to support the client with the hyperthyroid cat

Describe the most commonly used test to diagnose feline hyperthyroidism and what that test is measuring

Explain the difference between free T4 and total T4

WEEK 5 **CANINE** **HYPERADRENOCORTICISM** **(CUSHING'S DISEASE)**

LEARNING OBJECTIVES

Explain the reasons why canine hyperadrenocorticism (HAC) occur

Identify the clinical signs associated with a canine HAC patient

Discuss some of the common tests available for HAC and the reasons for their use

Identify 3 main forms of treatment for the canine HAC patient

Demonstrate an understanding of the nursing considerations for the patient with HAC

WEEK 6 **CANINE** **HYPOADRENOCORTICISM** **(ADDISON'S DISEASE)**

LEARNING OBJECTIVES

Explain the causes of canine hypoadrenocorticism

Identify some of the clinical signs that a patient may present with and why

Discuss the treatment options available to the client with the hypoadrenocorticism pet

Demonstrate an understanding of the nursing considerations for a canine with hypoadrenocorticism

Name some of the tests that a vet may ask you to carry out on the suspected hypoadrenocorticism patient and discuss why they may be required



ANAESTHETISING DENTAL PATIENTS

SPEAKER **STACEY PARKER**
ISFMCERT (FN), NCERT (ANAE), NCERT (DENT), RVN

STARTS **5TH FEBRUARY 2024**

CPD **4 WEEKS / 10 HOURS**
COST **£205 +VAT**
LEVEL **INTERMEDIATE**

As RVNs we can be involved with assisting the surgery for dental treatments, but more often our role within the dentistry suite falls into the role of monitoring and assisting with the anaesthesia plan for our dentistry procedures. This can be a daunting prospect with many factors to consider. This course will help reduce stress and increase confidence and positivity within the dental suite.

As RVNs we are also in the perfect position to ensure a high standard of post operative care is provided to our patients, both within the hospital and when they are discharged into the care of their owners.

WEEK 1 DENTISTRY ANALGESIA

Different analgesia drugs available

Dose selection

Routes of administration

Drug combinations

Local nerve blocks

Sides effects of drugs

LEARNING OBJECTIVES

Assist the veterinary surgeon in selecting appropriate analgesic drugs for different oral surgeries

Be aware of potential side effects of these drugs

Alongside the veterinary surgeon, create a tailored drug protocol for each patient to go home with

Comfortably calculate analgesic drugs at low doses

Be aware of what drugs are suitable as a combination

Understand the exclusion or reduced dose of some drugs, regarding co-morbidities

Use pain scoring methods and understand what analgesia the patient may need

WEEK 2 ANAESTHESIA – AIRWAY SECURITY AND HYPOTHERMIA

How to maintain a patent airway

Patient positioning

To cuff or not to cuff?

Causes of hypothermia

Negative effects of hypothermia

Preventing and treating hypothermia

LEARNING OBJECTIVES

Understand different styles of ET tubes and their benefits and potential negatives

Understand appropriate ET tube cuff pressures and why this is so integral to protecting the airway

Appreciate techniques to protect the airway

Know the gold standard method to move patients under anaesthesia, whilst protecting their airway

List the common causes of hypothermia

Understand the negative effects of hypothermia

Have practical knowledge on how to prevent and treat hypothermia

Understand the risk of using some heating devices

WEEK 3 ANAESTHESIA – MANAGING HYPOTENSION

Causes of hypotension

Negative side effects of hypotension

How to obtain accurate blood pressure reading

How to prevent hypotension

Fluid therapy

Anaesthesia drug choices

The use of vasopressors and anticholinergics

LEARNING OBJECTIVES

Obtain accurate blood pressure readings for cats and dogs under general anaesthesia for dentistry

Understand the limitations of blood pressure measurements and trouble shoot potential problems

Know what is deemed as an appropriate blood pressure reading under general anaesthetic

Know which drugs may interfere with maintaining blood pressure readings

Understand what could happen to our patients if left hypotensive

Feel more confident, alongside the veterinary surgeon, in making a treatment plan tailored to each individual patient, to treat any hypotensive episodes

WEEK 4 POST-OPERATIVE CARE

Immediate post op care once extubated

Care for patients in the recovery ward

Discharge instructions

Post op care at home

Post op checks

LEARNING OBJECTIVES

Maintain and monitor a patent airway in the immediate post-operative period

Understand the importance of close monitoring in recovery

Create a post-operative plan tailored to each individual patient

Feel confident to create discharge instructions for your patient

Confidently communicate with the owner about the anaesthesia and surgery the patient has received

Perform a thorough physical post-operative check, including the whole patient

Understand the best dental care an owner can provide at home, along with alternative options if these goals cannot be met



IMMUNE MEDIATED CONDITIONS

NEW

SPEAKER **CHARLI HEARD**
VTS (SAIM), DIPAVN (SMALL ANIMAL), HEDCVN, RVN

STARTS **12TH FEBRUARY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 THE IMMUNE SYSTEM

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Explain the differences between the innate and adaptive immune response

Appreciate the normal process of thermoregulation

Understand the differences between hyperthermia and pyrexia, and how this affects treatment

Be aware of common "triggers" for immune mediated diseases

WEEK 2 IMMUNE- MEDIATED HAEMOLYTIC ANAEMIA (IMHA)

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the pathophysiology of IMHA

Perform basic cytology in the diagnosis of IMHA

Understand the treatment of IMHA

Explain the considerations for nursing a patient with IMHA

WEEK 3 IMMUNE- MEDIATED THROMBOCYTOPENIA (IMTP)

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the pathophysiology of IMTP

Perform basic cytology in the diagnosis of IMTP

Understand the treatment of IMTP

Explain the considerations for nursing a patient with IMTP

WEEK 4 IMMUNE- MEDIATED POLYARTHRTIS (IMPA)

LEARNING OBJECTIVES

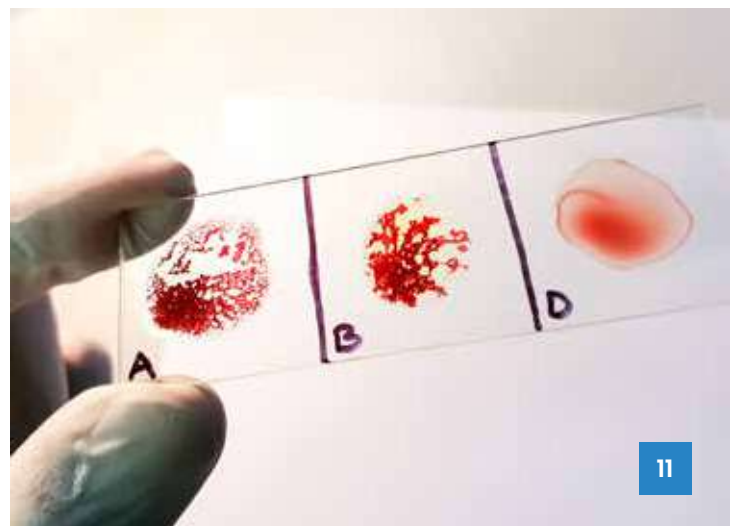
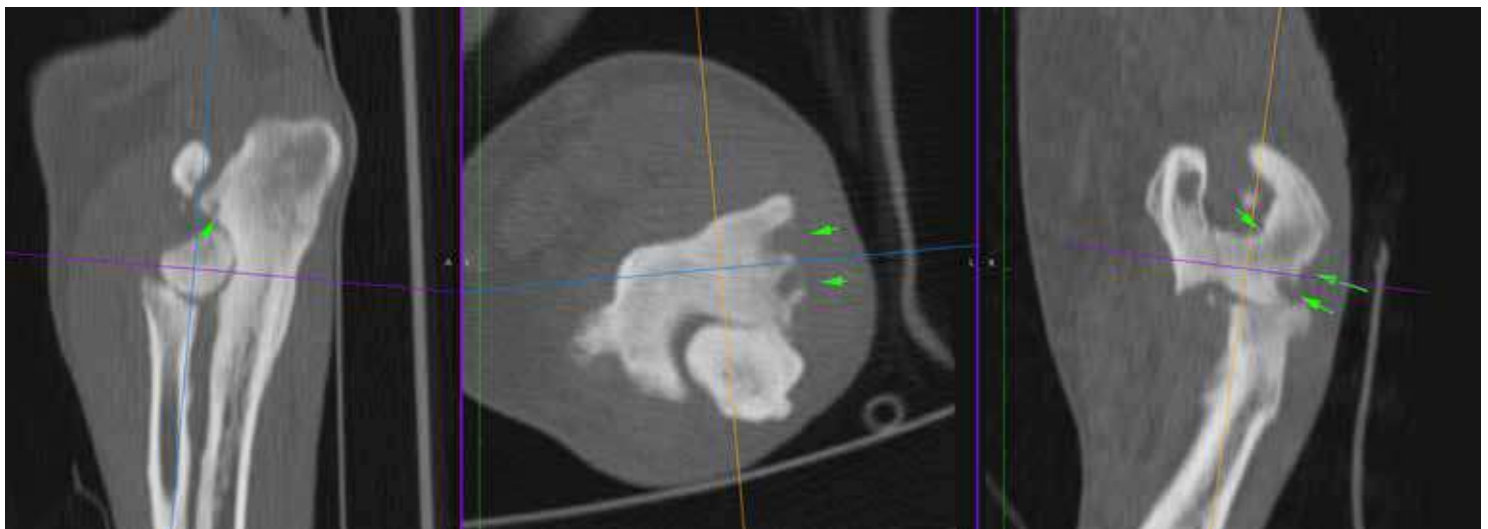
After completion of this week, participants should be able to:

Understand the pathophysiology of IMPA

Perform basic cytology in the diagnosis of IMPA

Understand the treatment of IMPA

Explain the considerations for nursing a patient with IMPA



ROUND UP OF RABBIT CARE

SPEAKER **CLAIRE SPEIGHT** AI CLINICAL COACH,
C&G CERT NURSING EXOTIC SPECIES, RVN

STARTS **19TH FEBRUARY 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 **NUTRITION AND** **HUSBANDRY** **AT HOME**

Dietary requirements

Environmental needs

Incorrect feeding problems

Obesity

Tempting rabbits to eat hays

LEARNING OBJECTIVES

Discuss the nutritional requirements of rabbits and why these are important

Recognise problems related to incorrect or poor diet and the implications these have on health and welfare

Appreciate that rabbits need large enclosures, which allow them to exhibit normal behavioural patterns. These are important from a health and welfare perspective. We will examine what rabbits need to be happy

Understand obesity and how to implement a weight loss programme for rabbits

List various methods to encourage picky rabbits to eat hay!

WEEK 2 **PREVENTATIVE** **HEALTHCARE**

Neutering – when and why

Vaccination – myxomatosis, RVHD1 and RVHD2

Endo and ectoparasites

Flea treatment

Worming treatment

LEARNING OBJECTIVES

Understand the best time to neuter rabbits

Appreciate why we should be neutering all rabbits – health, welfare and behavioural benefits

Know all the latest vaccination information and background on these fatal viruses

Know which endo and ectoparasites can affect rabbits and the clinical signs

Discuss if rabbits require prophylactic flea and worm treatment, and if so, when?

WEEK 3 **IMPLEMENTING** **RABBIT CLINICS** **AND CLIENT** **EVENING IN** **PRACTICE**

Setting up rabbit clinics

Running client evenings

What to discuss

Health checking

Benefits to the practice

LEARNING OBJECTIVES

Understand that client education is imperative, but there is more than one way to deliver this

Discover the benefits of both rabbit clinics and client evenings

Know what should be discussed and be able to perform a clinical examination to help detect problems

Appreciate why being a rabbit friendly practice is of benefit to you!

WEEK 4 **COMMON** **MEDICAL** **DISEASES**

Gastrointestinal stasis and blockages

Dental disease

Urinary tract disease

E. cuniculi

Myxomatosis and RVHD

LEARNING OBJECTIVES

Describe the common conditions that rabbits present to veterinary practices and require hospitalisation

Ascertain if a rabbit has gastrointestinal stasis or a blockage – differences and treatments

Identify clinical signs and causes

List the treatment options

Describe preventative measures to help ensure rabbits remain healthy

WEEK 5 **RABBITS IN** **THE PRACTICE**

Reducing stress

Hospitalisation

Gold standard rabbit nursing

Medicating

Fluid therapy and blood sampling

Supportive feeding

LEARNING OBJECTIVES

Understand that everything that we do to rabbits whilst they are hospitalised induces some degree of stress. Learn ways

to reduce this, which are easily achieved in practice

Appreciate that hospitalised rabbits can require in-depth care which can be daunting. Learn how to effectively nurse rabbits to ensure their optimum care

Learn how to medicate rabbits in an effective and safe manner as well as how to syringe feed, deliver fluid therapy and acquire successful blood samples with minimal stress to the rabbit or nurse!

WEEK 6 **RABBIT** **ANAESTHESIA** **AND ANALGESIA**

Signs of pain

Analgesia options

Making rabbit anaesthesia safer

Monitoring under general anaesthesia

LEARNING OBJECTIVES

Review rabbit anaesthesia and learn how to build up your confidence, including pre op, intra op and post op care. Anaesthetising rabbits can be overwhelming but doesn't need to be!

Know the clinical signs rabbits show when they are in pain, and learn how to use the Rabbit Grimace Scale

Review the analgesics available for rabbit medicine

Understand the parameters monitored during anaesthesia – including CO₂, SPO₂, reflexes, HR, RR and BP readings



INTRODUCTION TO ONCOLOGY NURSING

SPEAKER **NICOLA READ** DIPAVN (MEDICAL),
PGCERT VETERINARY ONCOLOGY, AFHEA, RVN

STARTS **26TH FEBRUARY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

It is estimated that one in three companion animals will die of cancer, which makes understanding the disease and caring for these animals and their families common within our role. Despite this demand, there is limited space in the veterinary nurse curriculum dedicated to cancer and so here we explore the subject in more practical detail.

This course discusses how cancer manifests in the companion animal, how a cancer diagnosis is made and how chemotherapy treatments are administered. Throughout the weekly sessions there are activities and opportunities to test your learning and evaluate how you could introduce some of the practical elements into your practice.

After completing this 4 week online course, the participants will have a greater knowledge and understanding of the basic principles of veterinary oncology and be able to apply this to their own working practices.

WEEK 1 WHAT IS CANCER?

Pathophysiology of neoplasia

Common causes of cancer
in animals

Classification of cancer types

The difference between
benign and malignant disease

LEARNING OBJECTIVES

Understand the alterations in
the cell cycle that results in
neoplastic disease

List the different types of cancer
based on tissue origin

Describe the different causes of
cancer in small animals

Explain how benign disease is
different to malignant disease
and the risks associated with
both conditions

Identify higher risk categories
of patients and analyse the
research available in line with
evidence-based medicine

WEEK 2 DIAGNOSIS AND PROGNOSIS

Fine needle aspirates

Cancer cytology

Cancer staging

Specialist tests for cancer

LEARNING OBJECTIVES

List fine needle aspirate methods
to optimise cytological yield

Evaluate a cytology sample
in-house to ensure sample is of
diagnostic quality

Understand the commonly
preferred methods for staging
patients with neoplasia

Describe the types of specialist
tests required to further
categorise cancer

Analyse personal skill set and
determine if any modifications
to current practice would
be beneficial

WEEK 3 COMMON CHEMOTHERAPY AGENTS

Overview of common
chemotherapy drugs

Administering chemotherapy

Chemotherapy safety

Adverse effects with
administering chemotherapy

LEARNING OBJECTIVES

Understand how chemotherapy
agents work

Explain how to correctly
administer chemotherapy agents

List what safety factors should
be observed when administering
chemotherapy in practice

Describe how to manage an
extravasation injury and reduce
risk of chemotherapy associated
nausea and vomiting

Evaluate practice protocols to
standardise and promote best
practice in line with most
current information

WEEK 4 CLIENT AND PATIENT SUPPORT

Introduction to oncology
clinics

Nadir checks

Managing adverse effects
following chemotherapy
administration

The Cancer Journey

LEARNING OBJECTIVES

Describe how and why a nadir
check is performed

Identify common adverse effects
associated with chemotherapy

Understand preventive and
interventional treatment
protocols for chemotherapy
associated adverse effects

Explain the causes for likely
outcome of treatment failure
and the physiology behind this

Reflect over professional skill
set and evaluate how you can
further enhance your
personal development



PAIN AND ANALGESIA

SPEAKER **LISA ANGELL** VTS (ANAESTHESIA AND ANALGESIA)
PGCERT VET ED, FHEA, RVN

STARTS **4TH MARCH 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

As veterinary nurses, we want to provide our patients with the best possible care that we can and it's hard to see our patients suffering and in pain. Luckily our profession allows us to prevent this in many ways, but are we tackling pain the right way and making the best choices for analgesia? Can we make improvements to help our patients remain pain free and reduce side effects of the therapies we choose - whether that's for our patients in the clinic or at home?

In order for us to treat and manage pain in our patients, we first need to understand the physiology behind how animals feel pain. We will start by expanding our knowledge and understanding of the pain pathway, before moving on to the different analgesia options for acute and chronic pain conditions. We will finish the course with pain scoring. By the end of the 4 weeks, we will have overviewed pain and the different treatment options available with the hope, that alongside the veterinary surgeon, we can build patient specific multi-modal analgesia plans for all our patients.

WEEK 1 THE PHYSIOLOGY OF PAIN

Pain definitions

The mammalian
pain pathway

Different types of pain

Principles of analgesia

LEARNING OBJECTIVES

Outline the definition of pain and associated terminology

Describe the different stages of the pain pathway and sites for analgesia intervention

Understand the concept of multi-modal analgesia and pre-emptive analgesia

WEEK 2 ANALGESIA FOR THE IN-PATIENT

Review the analgesia agents used to treat acute pain conditions:

- Opioids
- NMDA antagonists
- Local anaesthetics
- Alpha 2 agonists

LEARNING OBJECTIVES

Be familiar with the different systemic and local options for treating acute pain

Discuss balanced multi-modal analgesia plans for patients in the veterinary practice

Understand the mechanisms of action, effects and side effects of the listed analgesic agents

WEEK 3 ANALGESIA FOR THE OUT-PATIENT

Review the analgesia options for managing pain on a longer term basis:

- NSAIDs
- Paracetamol
- Tramadol
- Gabapentin
- Alternative therapies

LEARNING OBJECTIVES

Be familiar with the different systemic and alternative therapies for treating chronic pain

Discuss balanced multi-modal analgesia plans for patients at home

Understand the mechanisms of action, effects and side effects of the discussed analgesic interventions

WEEK 4 PAIN ASSESSMENT METHODS

Review the different pain scoring options for both in-patients and out-patients

- Canine pain scales
- Feline pain scales
- Grimace scales
- Chronic pain scales

Pitfalls and problems with pain assessment

LEARNING OBJECTIVES

Have a better understanding of the different pain assessment types

Appreciate where pain assessments can be beneficial for managing conditions and allowing for appropriate analgesia interventions in the hospitalised patient

Provide owners with the tools to monitor and assess their pet's pain and quality of life at home

Describe the indications and contraindications for pain scoring



RENAL AND URINARY TRACT CONDITIONS

NEW

SPEAKERS **CHARLOTTE FENNELL** BSC HONS, CERTVN
ECC, VTS (SAIM), RVN

SOPHIE MCMURROUG VTS (SAIM), RVN

STARTS **1ST APRIL 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 ACUTE KIDNEY INJURY

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand and assess the origin of azotaemia in dogs and cats

Break down the terminology and pathophysiology of an acute kidney injury

Appreciate the clinical signs and tips on differentiating between AKI and CKD renal biomarkers and the importance of urinalysis for assessing renal function

Understand the nursing care that accompanies an AKI patient, including ins and outs, fluid therapy and the importance of bodyweight

Design a treatment plan for an AKI patient, including an in depth understanding of why we perform each task

WEEK 2 THE BLOCKED CAT LEARNING OBJECTIVES

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand predisposing factors to the blocked feline patient

Recognise the most common clinical signs and presentation of these cases

Understand and be able to perform the initial diagnostic procedures commonly performed

Recognise the hyperkalaemic patient and understand the treatment required

Demonstrate an understanding of the treatment options available for these cases

Identify different types of urinary catheters used in feline patients

Explain the nursing considerations of these patients

WEEK 3 CHRONIC KIDNEY DISEASE LEARNING OBJECTIVES

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the difference between CKD and AKI

Discuss the clinical signs, why they manifest and what we can do to provide supportive treatment to the CKD patient

Talk about the laboratory findings including electrolytes and how/when we should intervene

Break down urinalysis and what it can tell us

Understand the pathology behind hypertension in CKD patients, the side effects and how to achieve accurate measurements

Identify useful nurse clinic tips for CKD patients

WEEK 4 LABORATORY DIAGNOSTICS IN RENAL AND URINARY PATIENTS

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Recognise the common haematological, biochemical and electrolyte changes seen in patients with renal disease

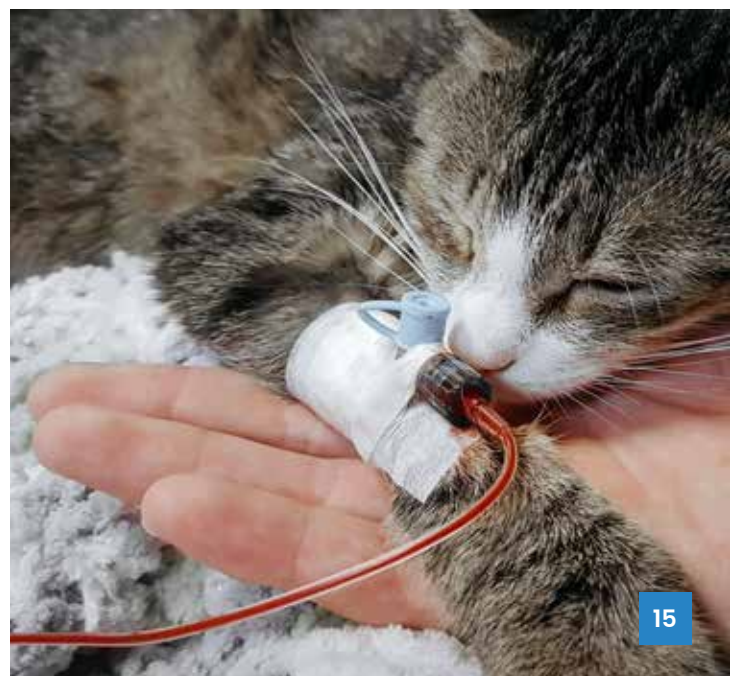
Understand the International Renal Interest Society (IRIS) staging for chronic kidney disease

Explain the three key components of a urinalysis

Describe the classifications of proteinuria and understand possible underlying causes

Identify urinary crystals via microscopy

Understand external laboratory diagnostics to include: symmetric dimethylarginine and urine culture Localise azotaemia in canine and feline patients



DENTISTRY

SPEAKER **CLAIRE BLOOR**
MA ED, BSC (HONS) PGCE QTLS, CERTVN (DENT), RVN

STARTS **8TH APRIL 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 AETIOLOGY AND PATHOGENESIS

Anatomy of the head

Tooth and periodontal anatomy, and oral soft tissues

Oral nomenclature

Tooth types, nomenclature and formulae

Eruption times

Occlusion

LEARNING OBJECTIVES

Identify tooth and periodontal structures

Explain the Modified Triadan System of numbering teeth in the dog and cat

Recognise normal occlusion

WEEK 2 PERIODONTOLOGY

Aetiology and pathogenesis of dental disease

- Gingivitis
- Periodontitis
- Gingivostomatitis

Periodontal therapy

- Scaling and polishing
- Pocket control and therapy
- Medications, homecare (brief), dental clinics (brief)

LEARNING OBJECTIVES

Describe how gingivitis develops and its progression to periodontal disease

Explain what gingivostomatitis is

Outline the process of safe ultrasonic tooth scaling and its purpose

WEEK 3 ORAL PATHOLOGY AND TREATMENT

Trauma and treatment options

- Tooth fracture / discolouration / (sub) luxation

Dental diseases and treatment options

- Tooth resorption / caries / periodontal disease

Malocclusion and treatment options

- Traumatic / dental / skeletal malocclusions

Other conditions and treatment options

- Enamel defects / dentigerous cysts / persistent deciduous / root dilacerations and abnormal morphology / tumours

LEARNING OBJECTIVES

Identify common pathologies associated with the teeth and oral cavity

Describe some potential treatment options for common pathologies

WEEK 4 ORAL EXAMINATION AND CHARTING

History taking and clinical examination – conscious oral examination

Pre-operative tests

Assessment under general anaesthesia – including anaesthesia induction, intubation, oral preparation, probing

Charting – what to fill in, disease scoring and making your chart work

Imaging and other investigations

- Radiography – parallel and bisecting angle techniques
- Biopsy

LEARNING OBJECTIVES

Confidently undertake a thorough conscious examination of a patient's teeth and oral cavity

Set up for and assist with assessment of the teeth and oral cavity in an anaesthetised patient

Accurately complete a dental chart which documents all pathology discovered upon examination

WEEK 5 INSTRUMENTATION AND DENTAL SURGERY

Instruments – use, care and maintenance

Dental machine and other powered equipment – use, care and maintenance

Ancillary equipment – use, care and maintenance

Preparation for and veterinary nursing assistance with surgery

- Pre-, intra- and post-operatively, including analgesia

The role of intraoperative radiography

LEARNING OBJECTIVES

Differentiate between different instruments used for dental and oral procedures, and state what they are used for

Describe the proper use, care and maintenance of a range of dental instruments and equipment

Explain the benefits of oral radiography in veterinary patients and outline the basic, fundamental principles of the parallel and bisecting angle techniques

WEEK 6 DENTAL CLINICS, PRODUCTS AND HOMECARE

What is an effective dental clinic?

Types of patients attending dental clinics

Resources for dental clinic consultations

Products and interventions available to help with maintaining oral health

Oral homecare regimes

Effective dissemination of theoretical and practical oral hygiene advice

Client concordance and follow-up

LEARNING OBJECTIVES

Debate what makes a dental clinic effective

Explain the range of resources required to run an effective dental clinic, and the purpose of these resources

Describe how a range of products and interventions used to maintain optimal oral health work

Outline how to achieve and maintain client compliance with recommended oral homecare regimes



CLINICAL NUTRITION

SPEAKER **NICOLA LAKEMAN** MSC, BSC(HONS) CERTSAN, CERTECC, VTS (NUTRITION), AI VI C-SQP HONS, RVN

STARTS **22ND APRIL 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

This 4 week course will cover a range of clinical nutritional issues commonly encountered in first opinion practice. These will include those animals (feline and canine) with renal disease, liver compromise, gastrointestinal disturbances, pancreatitis and urinary issues.

We will cover inappetence in animals and how to support these animals. We will investigate the route cause of inappetence and how pharmaceutical and nutritional support can aid in increasing calorific and nutrient intake. In all of these cases we will be looking at the evidence base behind the claims of diets and supplements and whether they are of benefit to our patients.

We will look at nutritional fashions and how to talk to clients about new trends that seem to be highlighted on-line almost continually. In order to do this we will have some case studies to work through where we can discuss different options to the nutritional management

WEEK 1 NUTRITIONAL ASSESSMENT AND CALCULATIONS

How to perform a nutritional assessment

Calculate energy requirements and how much to feed

Treatment regimens for inappetence

Instigating nutritional support

LEARNING OBJECTIVES

Perform a nutritional history and assessment of the animal

Calculate BER and RERs and apply this to how much to feed

Identify when nutritional support is required and how to do this

WEEK 2 CLINICAL NUTRITION – RENAL, URINARY, LIVER AND CARDIAC

Clinical nutrition for renal, urinary, liver and cardiac disease

Look at each of the nutrient requirements for each of these management regimes

LEARNING OBJECTIVES

Make recommendations for clinical diets for renal, urinary, liver and cardiac disease

Understand the nutrient specifications for these diets

Discuss the benefits of these diets

WEEK 3 CLINICAL NUTRITION – GASTROINTESTINAL AND PANCREATITIS

Clinical nutrition for gastrointestinal and pancreatitis

Look at each of the nutrient requirements for each of these management regimes

LEARNING OBJECTIVES

Make recommendations for clinical diets for range of gastrointestinal and pancreatitis

Understand the nutrient specifications for these diets

Discuss the benefits of these diets

WEEK 4 NUTRITIONAL SUPPLEMENTS AND TRENDS

Supplements

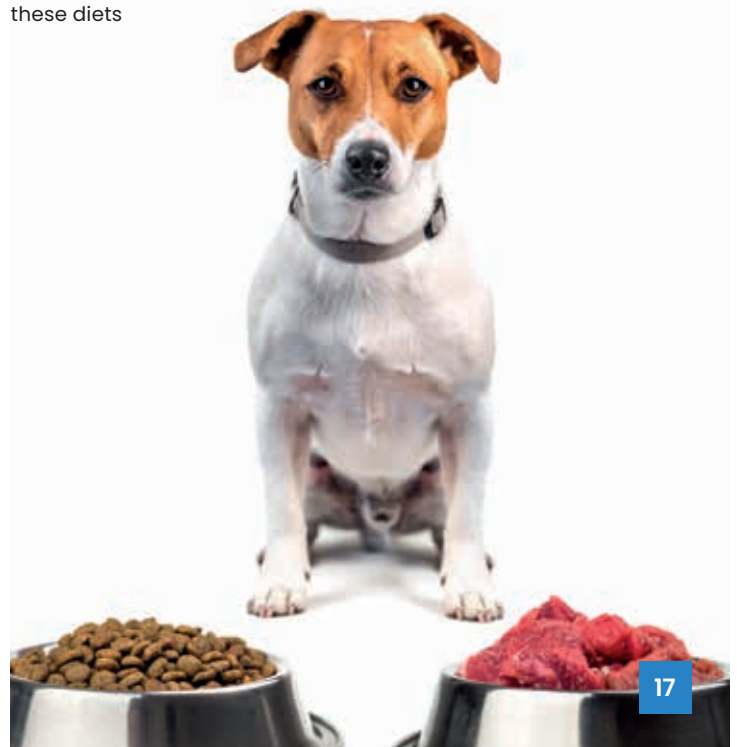
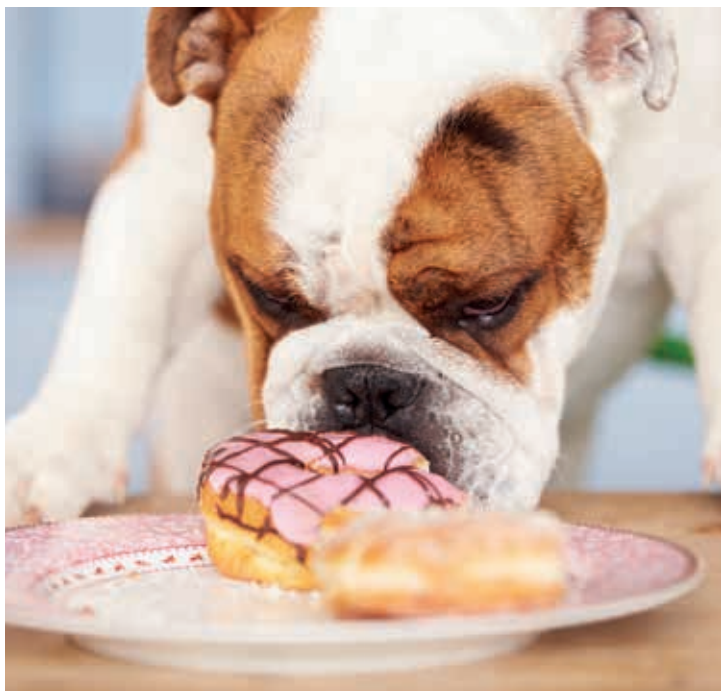
Nutritional trends (including raw and homecooked diets)

LEARNING OBJECTIVES

Make recommendations for supplements for the diseases discussed in weeks 3 and 4

Look at the nutritional evidence behind nutritional fashions.

Discuss raw and home cooked feeding with clients



ROLE OF THE HEAD NURSE

SPEAKER **NICOLA LAKEMAN** MSC, BSC(HONS) CERTSAN, CERTECC, VTS (NUTRITION), AI VI C-SQP HONS, RVN

STARTS **22ND APRIL 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 PERFORMANCE REVIEWS AND APPRAISALS

This first week, we will look at how to conduct appraisals and performance reviews. We will look at the different styles of checklists and forms that can be used to conduct these sessions, and we will discuss how to give feedback, whether good or bad. We will look at how performance reviews can be used to help with staff members who are not performing at an expected level.

LEARNING OBJECTIVES

- Know how to give constructive feedback
- Set performance action plans
- Design an appraisal form, in order to conduct an appraisal

WEEK 2 QUALITY IMPROVEMENT

QI is an important part of clinical practice, and it often lands on veterinary nurses to conduct clinical audits. We will explore what QI involves, how to develop evidence-based practice, what a journal club is, and how to implement clinical audits

LEARNING OBJECTIVES

- Understand the concepts of clinical governance, quality improvement and clinical audits.
- Implement a clinical audit
- Understand how to start a journal club

WEEK 3 DISCIPLINARY ISSUES

We will look at what to do if you have a situation when a staff member doesn't arrive to work on time, has performance issues, or doesn't comply to rules. We will look at how you can manage these people, how to set reviews and action plans, along with what to do if they don't adhere to these action plans.

LEARNING OBJECTIVES

- Set action plans and how to review these
- Undertake an investigation into conduct
- Understand what the disciplinary process involves

WEEK 4 FINANCES

Part of being a head nurse is also knowing how the business works - having a basic understanding of how your role as head nurse affects profit/loss is important. Stock control, purchasing, pricing and charging correctly are a vital part of this.

LEARNING OBJECTIVES

- Understand the importance of stock control and how to implement a simple system to aid your stock takes
- Understand the importance of charging and how making a few changes can make a difference
- Appreciate why it is important to charge for your time



SURGICAL EMERGENCIES

SPEAKERS **ELLE HASKEY** BSC (HONS), VTS (ECC), VPAC AI, RVN
KATIE GRAY PGCERT VE, DIPAVN, RVN, FHEA, MNCS
STARTS **29TH APRIL 2024**

CPD **4 WEEKS / 10 HOURS**
COST **£205 +VAT**
LEVEL **INTERMEDIATE**

WEEK 1 APPROACH TO THE CAESAREAN PATIENT

Brief overview of parturition
Complications of parturition
Caesarean section

LEARNING OBJECTIVES

Explain complications that might occur in parturition
Explain the reasons for intervening in these cases in order to perform a C section
Understand nursing of the caesarean patient

WEEK 2 THE GDV PATIENT

Physiology of GDV
Diagnosis
Stabilisation of the GDV
Anaesthesia considerations
Post-operative nursing
LEARNING OBJECTIVES

Understand the physiology of a GDV and list some of the common risk factors associated with this condition
Describe how a GDV is diagnosed and which tests can help us to identify this condition in the emergency patient
List the common stabilisation techniques in the emergency patient including management of shock and commonly used gastric decompression techniques
Discuss anaesthesia considerations and how to make the patient a safe candidate for surgery
Describe the nursing considerations for the post-operative GDV case and the factors which need to be included in the care plan of the hospitalised patient

WEEK 3 NURSING THE SEPTIC PATIENT

What are SIRS and sepsis?

Recognising sepsis

The use of diagnostic tools in the veterinary practice to help recognise a septic abdomen

Nursing management of a septic abdomen

LEARNING OBJECTIVES

Describe SIRS and sepsis and the difference between them
Understand how to recognise sepsis in veterinary patients
List the different tests we have available in practice that can be used to help identify a septic abdomen
Explain how patients with a septic abdomen can best be nursed in practice, pre-, peri and post operatively

WEEK 4 HAEMOABDOMEN

Physiology of haemoabdomen

Diagnosis

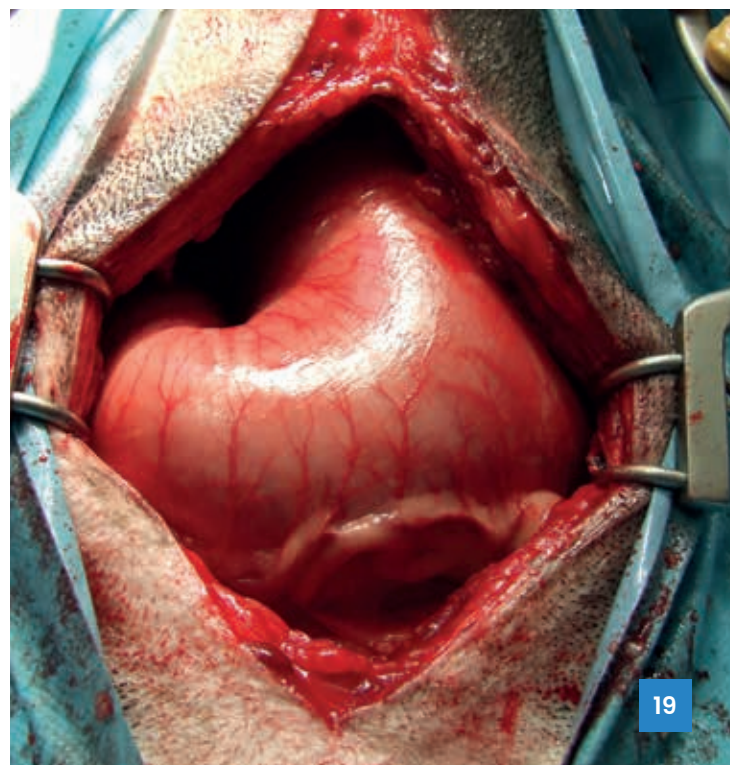
Stabilisation of the haemoabdomen

Anaesthesia considerations

Post-operative nursing

LEARNING OBJECTIVES

Understand the physiology of a haemoabdomen and list some of the common causes associated with this condition
Describe how a haemoabdomen is diagnosed and which tests can help us to identify this condition in the emergency patient
List the common stabilisation techniques in the emergency patient including management of shock
Discuss anaesthesia considerations and how to make the patient a safe candidate for surgery
Describe the nursing considerations for the post-operative haemoabdomen case and the factors which need to be included in the care plan of the hospitalised patient



PHYSIOTHERAPY AND HYDROTHERAPY

SPEAKER **DONNA CARVER** BSC (HONS) PHYSIOTHERAPY, DIPAVN (SURGICAL), MCSP, RVN

STARTS **29TH APRIL 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTRODUCTION / INTERMEDIATE**

WEEK 1 PHYSIOTHERAPY TOOLKIT (MODALITIES)

Electrotherapies

Therapeutic hot/cold packs

Manual therapies

Applied exercise therapies

LEARNING OBJECTIVES

Understand the principles and application of electrotherapy including:

- K-laser
- Transcutaneous electrical nerve stimulation (TENS)
- Neuromuscular electrical stimulation (NMES)
- Pulsed magnetic therapy (Biomag)
- Therapeutic ultrasound

Understand the use of therapeutic hot/ cold packs

Understand manual therapy and its application including:

- Massage
- Effleurage
- Coupage
- Joint mobilisations
- Graded stretches

Understand applied exercise therapy including:

- Strengthening and stabilising exercises
- Balance and proprioceptive exercises
- Functional exercises
- Hydrotherapy



WEEK 2 PATIENT ASSESSMENT

Musculoskeletal patient assessment

Neurological patient assessment

Respiratory / critical care patient assessment

LEARNING OBJECTIVES

Carry out a basic musculoskeletal, neurological, and respiratory physiotherapy assessment

Understand valid outcome measures to guide patient treatment

How to write SOAP (subjective, objective, analysis, plan) notes to progress patient treatment

WEEK 3 PHYSIOTHERAPY AND HYDROTHERAPY TREATMENT TECHNIQUES

Early phase rehabilitation 0-2 weeks

Mid phase rehabilitation 2-6 weeks

Late phase rehabilitation 6-12 weeks

Patient discharge or maintenance physiotherapy programme

LEARNING OBJECTIVES

Carry out early physiotherapy treatment including:

- Early manual therapy techniques
- Early phase hot and cold pack treatment
- Early electrotherapies to improve healing and for pain relief

Mid phase gentle exercise programmes including hydrotherapy

Late phase exercise therapy to include advanced strengthening, proprioceptive, balance and functional exercises

Late phase electrotherapies for pain relief, soft tissue injuries and muscle strengthening

WEEK 4 PHYSIOTHERAPY PROGRESSION PLANS AND HOME EXERCISE PROGRAMMES

Patient rehabilitation plans

Discharge and maintenance programmes

Home exercise plans

LEARNING OBJECTIVES

Learn how and when to progress patient plans from early to mid through to late stage rehabilitation to optimise patient outcomes

Understand when to discharge a patient, or to continue with a maintenance programme for chronic cases or surgical complications

Design home exercise programmes for owners to carry out

WEEK 5 MUSCULOSKELETAL CASE STUDIES

CCL reconstruction – TPLO or lateral suture

Soft tissue injuries (tendinopathies, iliopsoas strains)

Fracture repair

Conservative management of chronic conditions, including hip dysplasia and elbow dysplasia

LEARNING OBJECTIVES

Consider appropriate assessment, treatment plan and progression of a musculoskeletal case study

Consider appropriate assessment, treatment plan and progression of a soft tissue case study

Consider appropriate assessment, treatment plan and progression of a fracture repair case study

Consider appropriate assessment, treatment plan and progression of a chronic condition case study

WEEK 6 NEUROLOGICAL AND RESPIRATORY (INTENSIVE CARE) CASE STUDIES

Hemi- laminectomy (HLE)

Fibrocarrilage embolism (FCE)

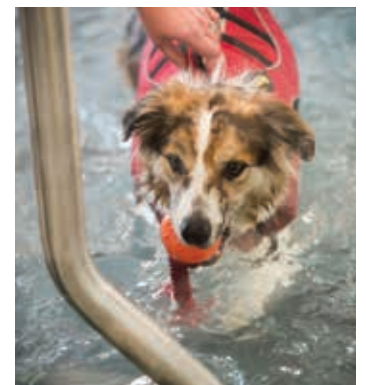
Pneumonia

LEARNING OBJECTIVES

Consider appropriate assessment, treatment plan and progression of a surgical neurological case study

Consider appropriate assessment, treatment plan and progression of a non-surgical case study

Consider appropriate assessment, treatment plan and progression of a respiratory (critical care) case study



ANAESTHESIA PLANS FOR CLINICAL CASES

SPEAKER **COLETTE JOLLIFFE**
BVETMED, CERTVA, DIPECVAA, FRCVS

STARTS **6TH MAY 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 **WHAT IS AN ANAESTHESIA PLAN?**

How to construct an individual anaesthesia plan

Common anaesthesia-related complications

What you need to know about the drugs

Very old and very young patients

LEARNING OBJECTIVES

Construct an individualised anaesthesia plan

Understand common anaesthesia and surgery related complications

Appreciate the important effects and side effects of drugs commonly used in the peri-anaesthetic period

Understand specific considerations for geriatric and paediatric patients

WEEK 2 **THE ANAESTHETIST'S WORST NIGHTMARES**

Brachycephalic dogs

Obese patients

Care! Difficult temperament

Some endocrine and medical conditions

LEARNING OBJECTIVES

Provide safe anaesthesia for brachycephalic and obese patients

Understand how to anaesthetise 'aggressive' dogs safely

Understand the priorities for sick patients and those with concurrent disease

WEEK 3 **LET'S GET CUTTING! – ABDOMINAL SURGERY**

Anaesthetic considerations for laparotomy and laparoscopy

Case examples

LEARNING OBJECTIVES

Provide analgesia and local anaesthesia for abdominal surgery

Understand the effects of laparoscopy on the patient's physiology and how to manage them

Discuss the considerations for some particular examples of abdominal surgery

WEEK 4 **HEARTS AND LUNGS**

Anaesthetic considerations for respiratory disease and thoracic surgery

Anaesthetising patients with common cardiac diseases

LEARNING OBJECTIVES

Know the requirements of patients with intra-thoracic disease

Understand how to manage a patient undergoing a thoracotomy

Appreciate the basics of controlled ventilation

Provide analgesia and local anaesthesia for thoracic surgery

Manage patients with common cardiac diseases

WEEK 5 **EYES, BRAINS AND SPINES**

Anaesthetic considerations for neurology and ophthalmology patients

LEARNING OBJECTIVES

Understand practical and physiological considerations for ocular surgery

Explain the basics of neuromuscular blockade

Know how to provide analgesia and local anaesthesia for spinal surgery

Identify the pathophysiology of intracranial disease and how to manage it

Understand the particular difficulties of anaesthesia for magnetic resonance imaging

WEEK 6 **BRINGING IT ALL TOGETHER – CASE EXAMPLES**

Complex procedures and sick patients, plus some orthopaedic procedures

LEARNING OBJECTIVES

Understand how to combine patient and procedure related requirements

Construct advanced anaesthesia plans

Understand how to prioritise the importance of different anaesthetic considerations

Provide analgesia and local anaesthesia for some orthopaedic procedures



TAKING ECC NURSING TO THE NEXT LEVEL

NEW

SPEAKER **KATH HOWIE**
VTS(ECC), RVN

STARTS **20TH MAY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **ADVANCED**

WEEK 1 MONITORING MODALITIES

There are many advanced monitoring tools and nursing interventions that can be used in our patients, however, a key part of this is deciding when it is appropriate to employ them. We will discuss and compare different monitoring tools that we have available, including:

- Blood pressure monitoring
 - invasive versus non-invasive
- Central venous pressure
- ECG
- Blood gases – venous versus arterial

We will also explore when these monitoring tools may be beneficial compared with when their use might be contraindicated.

LEARNING OBJECTIVES

Determine which patients would benefit from more intensive monitoring

Understand how to conduct each kind of monitoring and explain the information we can obtain

Understand the difference between arterial blood pressure monitoring and central venous pressure

Understand the complications of using the more invasive monitoring tools



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WEEK 2 TUBES AND DRAINS

Various tubes and drains are commonly used in critically ill ICU patients, and it is vital we understand how to manage these safely and effectively. We will look at a variety of different tubes and drains including Jackson Pratt drains and active grenades, thoracic tubes, tracheostomy tubes and pericardiocentesis catheters among others.

LEARNING OBJECTIVES

Understand the different drains and their functions

Safely manage and nurse patients with various types of tubes

Understand the complications that may occur with various interventions

Confidently troubleshoot drain management

WEEK 3 CARDIOVASCULAR SUPPORT

Sometimes fluids just aren't enough! There are a variety of issues we can encounter with our critically ill patients and cardiovascular support and monitoring becomes an important aspect of the RVN's role. We will look at the different causes of cardiovascular instability and how we can address those including the use of vasopressors and inotropes.

LEARNING OBJECTIVES

Understand the methods of monitoring that can assist with determining both low and high-volume states

Identify cases where the use of vasopressors and inotropes are indicated

Explain the different conditions that lead to changes in cardiovascular function

Understand the ECG assessment and recognise the main life threatening abnormalities

WEEK 4 CONSTANT RATE INFUSIONS

Constant rate infusions are commonly used in the ICU, and it is really useful for RVN's to be able to calculate these dosages. Whilst the maths can sometimes seem baffling, if you understand the basics, it is a very useful skill. CRIs are very beneficial for many of our patients and are attainable in any practice with an infusion pump.

LEARNING OBJECTIVES

Calculate ANY CRI from scratch!

Understand the benefits and issues associated with use of CRIs

Understand multimodal analgesia options for critically ill patients



TUBES, DRAINS AND LINES

SPEAKERS **ELLE HASKEY** BSC (HONS), VTS (ECC), VPAC AI, RVN
KATIE GRAY PGCERT VE, DIPAVN, RVN, FHEA, MNCS

STARTS **3RD JUNE 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 URINARY CATHETERS

Indications for placing urinary catheters

Different types of urinary catheters

Placement of urinary catheters

Urinary catheter management

Complications

LEARNING OBJECTIVES

List the indications and contraindications for urinary catheter placement

Describe the different urinary catheter options currently for veterinary use

Explain how urinary catheters are placed

Discuss how to manage urinary catheters in practice

Describe the common complications associated with urinary catheters

WEEK 2 CHEST DRAINS

Indications for chest drain placement

Different types of chest drain

Different placement techniques

Chest drain management

Complications

LEARNING OBJECTIVES

List the indications and contraindications for chest drain placement

Describe the different chest drain options currently on the veterinary market and their placement techniques

Explain how to drain the chest and what options are available should the patient have a continuous pneumothorax

Discuss how to manage the chest drain and how to identify a drain that is ready for removal

Describe the common complications associated with chest drains and how to minimise them

WEEK 3 TRACHEOSTOMY TUBES

Indications for tracheostomy tube placement

Different types of tracheostomy tubes

Placement of tracheostomy tubes

Management of tracheostomy tubes

Complications

LEARNING OBJECTIVES

List the indications and contraindications for placing tracheostomy tubes

Understand the different types of tracheostomy tubes available for veterinary use

Describe how tracheostomy tubes are placed

Explain how to manage tracheostomy tubes in situ

Describe the common complications associated with tracheostomy tubes in practice

WEEK 4 VASCULAR ACCESS

Indications for IV placement

Different types of IV catheter

Different placement techniques

IV catheter management

Complications

LEARNING OBJECTIVES

List the indications and contraindications for IV catheter placement

Understand the difference between peripheral and central venous catheterisation

Describe the different IV catheter options currently on the veterinary market and their placement technique

Discuss how to manage IV catheters – both peripheral and central

Describe the common complications associated with IV catheters and how to minimise them



WHEN SOMEONE SAYS IT'S QUIET! – ANAESTHESIA FOR EMERGENCY PATIENTS

SPEAKER **WILL MCFADZEAN** BVETMED, CERTAVP (VA),
DIPECVAA, MRCVS

STARTS **3RD JUNE 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE / ADVANCED**

WEEK 1 PREPARATION AND MONITORING OF CRITICAL CASES

Preparedness

Considerations

**Invasive blood
pressure monitoring**

Blood gas analysis

Spirometry

LEARNING OBJECTIVES

List generalised considerations for preparing to anaesthetise emergency cases

Setup and use invasive blood pressure monitoring and understand how this relates to oscillometric and doppler techniques

Interpret a basic blood gas analysis and outline how this abnormality may have occurred

Explain what spirometry is and how it differs from capnography

WEEK 2 ABDOMINAL SURGICAL EMERGENCIES

Gastric dilatation and volvulus

Haemoabdomen

The acute abdomen

Epidural anaesthesia

LEARNING OBJECTIVES

Understand the physiological disturbances caused by gastric dilatation and volvulus

Understand the physiological disturbances caused by haemoabdomen

Understand the physiological disturbances caused by the acute abdomen

Suggest considerations for these surgeries and list possible complications that may arise during anaesthesia

List the total and relative contraindications for epidural anaesthesia

WEEK 3 THORACIC SURGICAL EMERGENCIES

Pyothorax

Penetrating injuries

Diaphragmatic rupture

Mechanical ventilation

LEARNING OBJECTIVES

Understand the physiological disturbances caused by pyothorax

Understand the physiological disturbances caused by a penetrating injury

Understand the physiological disturbances caused by diaphragmatic rupture

Suggest considerations for these surgeries and list possible complications that may arise during anaesthesia

Feel confident to safely choose ventilator settings for use during non-emergency surgery

WEEK 4 CAESAREANS

Physiology

ASA categorisation

Anaesthesia protocols

Anaesthesia infusions (TIVA)

LEARNING OBJECTIVES

Understand the physiological considerations for caesarean section

Assign and justify the choice of an ASA category to the caesarean section patient

Suggest a safe protocol for caesarean section, with variation based on differing drug availability depending on clinical setting

Understand the basis of total intravenous anaesthesia infusions

WEEK 5 WHAT'S HAPPENING? WHAT SHOULD I DO?

Hypoxia

Hypocapnia

Hypotension

ECG Abnormalities

LEARNING OBJECTIVES

List possible causes of, and suggest treatments for hypoxia and hypocapnia

List possible causes of hypotension and discuss the physiology of both pharmacological and non-pharmacological treatment options

Interpret the most common ECG abnormalities seen and understand how these rhythms will affect the patient, and have an understanding of possible treatment options

WEEK 6 CRASH!

Recover CPR guidelines

Crash box

Basic life support

Advanced life support

LEARNING OBJECTIVES

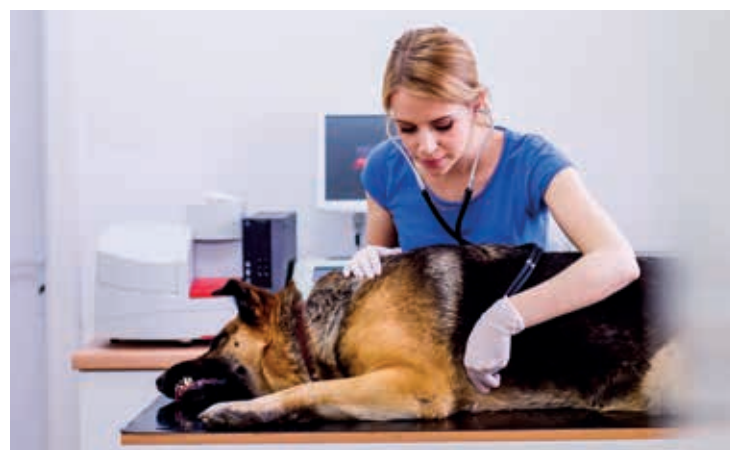
List the vital components of a crash box

Perform safe and effective chest compressions in a variety of patient sizes and conformations.

Understand how to monitor the effectiveness of CPR in the clinical setting

Interpret the most common ECG rhythms seen during CPR

Understand what drug treatment options are available during CPR



CARDIOLOGY IN PRACTICE

SPEAKER **CHARLOTTE PACE** VTS (CARDIOLOGY),
PGCERT (VETED), FHEA, RVN

STARTS **10TH JUNE 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 FELINE HEART DISEASE

Prevalence, aetiology and pathophysiology of feline heart disease

Classification systems used to diagnose and treat feline cardiomyopathies

Nursing care and treatment aims

LEARNING OBJECTIVES

Explain the pathophysiology of feline heart disease

Understand the American College of Veterinary Internal Medicine (ACVIM) classification system as it applies to feline cardiomyopathies

Be familiar with the best approach to a nurse a cat with heart disease and heart failure

WEEK 2 CANINE HEART DISEASE

Prevalence, aetiology and pathophysiology of myxomatous mitral valve disease (MMVD) and dilated cardiomyopathy (DCM)

Classification systems used to diagnose and treat MMVD

Staging systems used to diagnose and treat DCM in dogs

Nursing care of dogs with heart disease and heart failure

LEARNING OBJECTIVES

Explain the pathophysiology of MMVD and DCM

Understand the ACVIM classification system as it applies to MMVD and the staging system as it applies to canine DCM

Be familiar with the best approach to nurse a dog with either MMVD or DCM

WEEK 3 ELECTROCARDIOGRAPHY (ECG). PART 1 – THEORY

The ECG machine and settings

Achieving a good quality ECG trace

How to interpret an ECG

LEARNING OBJECTIVES

Set up an ECG and understand the settings

Apply theory to achieve a good quality ECG trace

Understand how to interpret an ECG, using an algorithmic system

WEEK 4 ELECTROCARDIOGRAPHY (ECG). PART 2 – APPLICATION

Application of theory to cases

Anaesthesia and ECGs

Life threatening arrhythmias

LEARNING OBJECTIVES

Apply theoretical learning to practical cases

Understand the role of anaesthesia and surgery upon ECGs

Identify life threatening arrhythmias

WEEK 5 HEART FAILURE

Pathophysiology of heart failure

Acute life threatening and chronic management

Management of patients with heart failure

LEARNING OBJECTIVES

Understand how heart failure can occur

Identify patients with heart failure and nurse them appropriately

Recognise drugs used in the treatment of heart failure

WEEK 6 DIAGNOSTIC TESTS AND THE CARDIAC PATIENT

Diagnostic tests used in cardiac patients

How to approach the test and the patient

Evaluation of diagnostic tests in cardiac patients

LEARNING OBJECTIVES

Perform or assist with diagnostic tests with confidence

Apply best practice methods to achieve reliable and repeatable results

Understand the purpose of diagnostic tests used in cardiac medicine



FELINE HEALTHY AGEING

NEW

SPEAKER **KELLY EYRE** RVN, ISFM DIPFN, ADVCERTFB

STARTS **17TH JUNE 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 AGE RELATED DISEASE AND NURSING CONSIDERATIONS

Age related diseases commonly seen in cats from the age of 7 years upwards

Findings from the Feline Healthy Ageing Clinic

How nursing care differs in ageing cats

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Be aware of commonly seen age related diseases

Adapt nursing care for the ageing patient

Prepare hospitalisation for the ageing cat

WEEK 2 CREATING AND RUNNING AGEING CAT CLINICS

How to set up and run ageing cat clinics

Owner education and compliance

Feline friendly handling for the ageing patient

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Create and run ageing cat clinics

Create an owner questionnaire

Understand the importance of owner education

Adapt handling skills to suit the ageing patient

WEEK 3 NUTRITIONAL CONSIDERATIONS

Nutrition for ageing life stages

Nutrition for specific age related disease

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Make nutritional recommendations for the ageing cat

Make nutritional recommendations for age related diseases

Discuss the benefits of different diets and nutrient specifications

WEEK 4 QUALITY OF LIFE AND END OF LIFE CARE

Quality of life tools

Supporting the palliative patient

Euthanasia considerations

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the importance of using quality of life tools

Feel confident using quality of life tools

Communicate sensitively to owners surrounding end of life

Carry out euthanasia with consideration for the patient as well as the owner



THEATRE NURSING

SPEAKER ALISON YOUNG DIPAVN (SURGICAL),
VTS (SURGERY), RVN

STARTS 17TH JUNE 2024

CPD 4 WEEKS / 10 HOURS

COST £205 +VAT

LEVEL INTRODUCTION / INTERMEDIATE

WEEK 1 PREPARING FOR SURGERY

Organisation of rooms and equipment in the theatre area

Scheduling and planning surgical caseload

Infection control related to the surgical theatre

Preparation of the patient for surgery

LEARNING OBJECTIVES

Understand the basics of infection control in the operating theatre

Identify the correct order of surgical procedures based on availability of equipment, personnel and rooms

Prepare the patient for a range of procedures, including preparation of skin, eyes and mucous membranes

Develop infection control protocols relating to procedure in their own practice

WEEK 2 THE THEATRE NURSE'S ROLE

Circulating nurse duties

Preparing the surgical team

Surgical hand preparation

Scrub nurse role

LEARNING OBJECTIVES

Understand the key qualities and requirements for the circulating nurse and scrub nurse roles

Identify the correct products and techniques for an effective surgical hand preparation and be able to demonstrate those

Choose appropriate protocols for the preparation of the surgical team

Correctly position patients for a range of surgical procedures

WEEK 3 INSTRUMENTATION AND STERILISATION

Common surgical instrumentation

Taking care of your instruments and equipment

What happens after surgery!

Cleaning, disinfection, and sterilisation

LEARNING OBJECTIVES

Identify common surgical instruments and understand their use

Develop the skills to take apart and reassemble surgical equipment for the cleaning process

Understand the key sterilisation techniques used in veterinary medicine

WEEK 4 BRINGING IT ALL TOGETHER – SURGICAL SKILLS FOR NURSES

Suture material – what to use and when?

Common suture patterns

Surgical skills

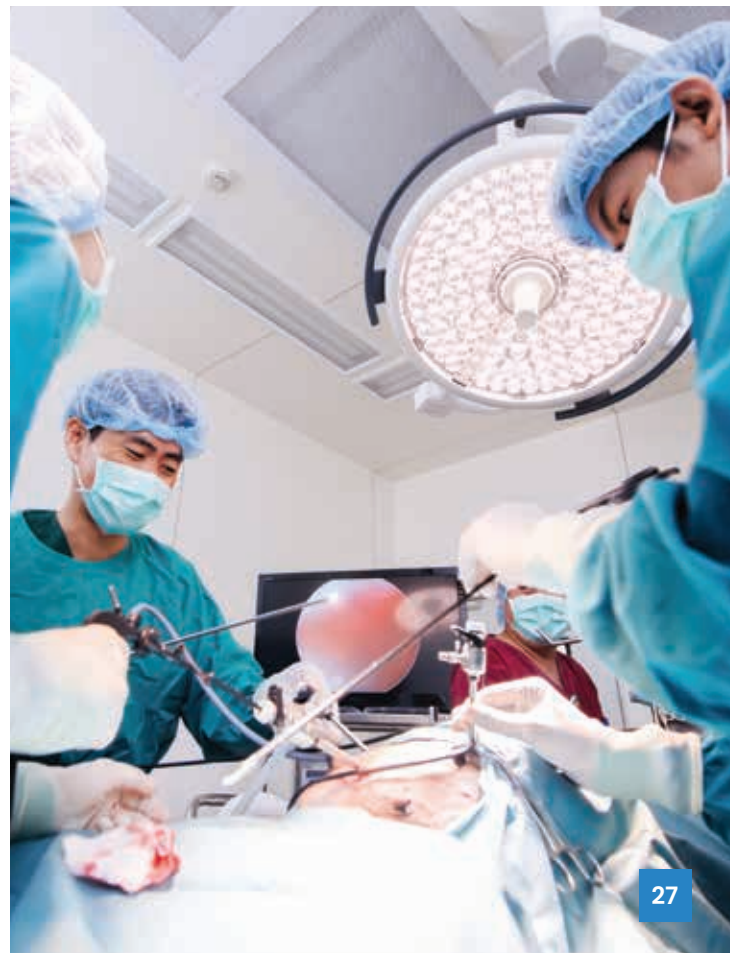
Developing the surgical nurse's role in practice

LEARNING OBJECTIVES

Identify properties of suture material and understand how that helps guide the choice of which one to use

Demonstrate common surgical suture patterns that could be performed by a veterinary nurse

Understand relevant surgical skills for veterinary nurses and how these can benefit your practice



DIAGNOSTIC IMAGING

SPEAKER **ASH MOORS** FDSC, GRADDIPVN, PGCERTVEDED, FHEA, RVN

STARTS **15TH JULY 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTRODUCTION / INTERMEDIATE**

WEEK 1 **RADIATION** **PHYSICS** **AND SAFETY**

LEARNING OBJECTIVES

Understand the properties of x-rays

Explain how an x-ray tube works

Explain how digital x-ray systems work

Explain the risks of working with radiation

Explain the principles of radiation protection and how this is implemented in veterinary practice

WEEK 2 **RADIOGRAPHIC** **ANATOMY AND** **PHYSIOLOGY IN** **SMALL ANIMAL** **PATIENTS**

LEARNING OBJECTIVES

Understand the normal radiographic anatomy of the thorax

Understand the normal radiographic anatomy of the abdomen

Understand the normal radiographic anatomy of the spine

Understand the normal radiographic anatomy of the thoracic limb

Understand the normal radiographic anatomy of the pelvis and pelvic limbs

WEEK 3 **RADIOGRAPHIC** **TECHNIQUES** **(POSITIONING** **AND CONTRAST** **STUDIES)**

LEARNING OBJECTIVES

Understand and implement the optimum positioning for thoracic radiographs

Understand and implement the optimum positioning for abdominal radiographs

Understand and implement the optimum positioning for spinal radiographs

Understand and implement the optimum positioning for pelvic radiographs

Understand and implement the optimum positioning for thoracic limb radiographs

Understand and implement the optimum positioning for pelvic limb radiographs

Explain specialised orthopaedic views (TTA / TPLO / stressed / flexed / extended)

Understand contrast media and its usage

Describe contrast and dynamic studies (IVU / retrograde urethrocystogram/angiography)

WEEK 4 **MRI AND CT –** **PHYSICS** **AND SAFETY**

LEARNING OBJECTIVES

Describe the basic principles of how CT Works

Describe the basic principles of how MRI Works

Explain safety concerns when working with CT

Explain safety concerns when working with MRI

Compare differences between CT and MRI

WEEK 5 **MRI TECHNIQUES** **AND** **ACQUISITION**

LEARNING OBJECTIVES

Understand how to position small animal patients for spinal imaging

Understand how to position small animal patients for brain imaging

Explain which sequences are commonly utilised in small animal imaging

Understand commonly seen MRI artefacts

WEEK 6 **CT TECHNIQUES** **AND** **ACQUISITION**

LEARNING OBJECTIVES

Understand how to position small animal patients for commonly performed CT studies (Spine / Thorax / Abdomen / Elbow)

Explain which reconstruction algorithms can be utilised and when

Understand commonly seen CT artefacts



FELINE MEDICINE MEDLEY

NEW

SPEAKER **BETH THOMAS**
RVN, VTS (SAIM)

STARTS **29TH JULY 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 FELINE CARDIOMYOPATHIES

Cardiovascular anatomy and physiology

Common cardiomyopathies affecting cats

Treatment of feline cardiomyopathies

The owner's role in monitoring cardiomyopathies

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Describe the normal physiology of the heart

Describe common disease processes which affect the feline heart

Understand the role of diet within feline cardiomyopathies

Discuss various treatment options available for feline cardiomyopathies

Understand the role nurses and owners can play in monitoring these cases

WEEK 2 FELINE TRIADITIS

Brief review of gastrointestinal, pancreatic and hepatic anatomy and physiology

Pathophysiology of triaditis in the cat (inflammatory bowel disease, pancreatitis and cholangitis)

Advanced imaging and diagnostic techniques

Treatment options available both as an inpatient and an outpatient

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Discuss the disease process of triaditis including the associated clinical signs

Understand how nurses can support patients through advanced imaging (flexible endoscopy / abdominal ultrasound)

Understand how to assist with the collection of pathological samples in these cases

Discuss the long term management of triaditis and the potential for ongoing disease

WEEK 3 FELINE ASTHMA

Overview of respiratory anatomy and physiology

Predisposed breeds

Computed tomography and bronchoscopy

Treatment of feline asthma

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Describe the clinical pathological changes associated with feline asthma

Discuss advanced imaging techniques that can be utilised in the work up of these cases

Confidently and competently support the general anaesthesia of a cat with respiratory disease

Discharge a patient to owners and confidently discuss the treatment of asthmatic cats

WEEK 4 FELINE INFECTIOUS PERITONITIS

The pathophysiology of FIP including both 'wet' and 'dry' forms

Transmission of FIP

Treatment options available for FIP

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the predisposing factors for the development of FIP

Discuss the clinical signs associated with FIP

Indicate the importance of infection control

Identify treatment options and protocols currently available

Advise owners how to limit the potential for disease transmission within households



MEDICAL EMERGENCIES

SPEAKER KATH HOWIE
VTS(ECC), RVN

STARTS 29TH JULY 2024

CPD 6 WEEKS / 15 HOURS

COST £255 +VAT

LEVEL INTERMEDIATE

WEEK 1 TRANSFUSION MEDICINE

This week we will look at indications for packed red cell and whole blood transfusions, in both cats and dogs, in the acute emergency setting. The nurse's role is vital in this field, including preparing the recipient, blood typing, cross matching and monitoring the recipient. We will cover common reasons for transfusion and patient specific nursing concerns, as well as indications for auto transfusion and xenotransfusion. Common coagulopathies will also be discussed, along with indications for the use of plasma products in small animal patients.

LEARNING OBJECTIVES

Select the correct blood product for the individual patient

Understand the monitoring these patients require and patient specific concerns

Explain the different transfusion reactions that can occur and how they are avoided and treated

List the indications for auto transfusion and xenotransfusion

Describe the main coagulopathies we encounter and the treatment options available

WEEK 2 ACUTE KIDNEY INJURY

Acute kidney injury is a relatively common presentation in emergency and critical care, however, it can occur for a variety of reasons. This week will look at the conditions that lead to acute kidney injury and how we reach that diagnosis. We will look at treatment options including reviews of the evidence bases in terms of patients that are anuric. The nursing role in these patients is multi- faceted and it is vital

we can monitor and nurse these patients effectively.

LEARNING OBJECTIVES

Understand the different reasons that AKI develops, including post-surgery, toxin related and obstruction of the urinary tract

Understand the monitoring and nursing requirements of these patients including fluid therapy, acid-base status and how we recognize when they are deteriorating

Explain how we manage anuric patients including evidence reviews of methods to force diuresis

Understand the basics of peritoneal and haemodialysis for these patients and the indications

WEEK 3 DIABETIC KETOACIDOSIS

DKA is a complex disorder that can be life threatening for our patients, and the nursing team play a large role in the management and recovery of these patients. There are multiple considerations in nursing a patient with DKA that go well beyond administering insulin. We will review common reasons for a patient to develop this endocrine disorder as well as acid- base and electrolyte abnormalities we may see.

These patients need intensive monitoring including repeated blood work so we will discuss how to minimize the impact of this on their welfare. There will also be discussion on the different approaches to administration of insulin and ongoing management of these cases when they are discharged home

LEARNING OBJECTIVES

Recognise the concurrent conditions that may lead to difficulty stabilizing the DKA patient

Understand how we reach the diagnosis and the treatment priorities for these patients

Understand the different approaches to insulin administration as well as the pros and cons of each method

Explain how to prioritise appropriate monitoring for these patients

WEEK 4 ACUTE PANCREATITIS

The pancreatitis patient is a common presentation to any practice. It is an inflammatory condition that can be classed from mild to severe. We will focus on the nursing care and assessment of the patients requiring hospitalisation for management. Whilst we often consider these patients as just needing a couple of days of supportive care, there are some serious complications that can occur and contribute to mortality.

LEARNING OBJECTIVES

Understand common aetiologies in dogs and cats

Review pain management options including drug types and routes of administration

Discuss nutritional support options

Identify complications including development of SIRS

WEEK 5 ACUTE RESPIRATORY DISTRESS

These patients present many challenges to us in practice and need some special consideration in terms of monitoring and nursing care. We will look at recognition of the patient in respiratory distress, the potential causes, and our priorities for treatment. We will review the monitoring tools that may be beneficial and our approach to stabilising these patients.

LEARNING OBJECTIVES

Prioritise stabilisation techniques based on patient presentation

Determine which method of oxygen supplementation is most appropriate for specific patients

Appreciate the management of patients in brachycephalic crisis

Understand the different approaches to diagnostics and monitoring for these very fragile patients

WEEK 6 ADDISONIAN CRISIS

Known as the "great pretender", Addison's disease leads to a potentially life-threatening situation when the patient goes into crisis. Whilst electrolyte abnormalities are present in a typical Addisonian we can see no electrolyte changes in atypical cases. The patient with an Addison's crisis has multiple abnormalities which we need to monitor and correct. Consideration of management options for these patients as well as resolving the crisis will all be discussed.

LEARNING OBJECTIVES

Understand the aetiology, common clinical signs, and effects of this complex disorder

Identify and differentiate a patient that has Addison's disease, with a patient in an Addisonian crisis

Understand the nursing considerations for these patients in the hospital environment, and appreciate the impact stress hormones have

Identify priorities for treatment and ongoing management



APPROACH TO THE EMERGENCY PATIENT

SPEAKERS **ELLE HASKEY** BSC (HONS), VTS (ECC), VPAC AI, RVN
KATIE GRAY PGCERT VE, DIPAVN, RVN, FHEA, MNCS
STARTS **12TH AUGUST 2024**

CPD **6 WEEKS / 15 HOURS**
COST **£255 +VAT**
LEVEL **INTRODUCTION / INTERMEDIATE**

WEEK 1 PATIENT ASSESSMENT AND TRIAGE

The concept of triage

Preparedness

Primary survey

Secondary Survey

Emergency history

LEARNING OBJECTIVES

Understand the triage process and how it can be utilised to prioritise emergency care

Describe how to make their team and environment prepared for when the emergency patient arrives

List how to carry out a primary survey during the initial assessment of the patient

Explain how to carry out a secondary survey assessment in order to list their concerns with the patient

Discuss how to communicate with the client including telephone advice, informed consent and emergency history

WEEK 2 SHOCK

Classify shock

Emergency database

Blood pressure

Oxygen therapy

The use of multiparameter monitors

LEARNING OBJECTIVES

Identify a patient with shock and classify which type of shock they have

Explain which parameters may be tested during an emergency database and how these can help to identify shock in the emergency room

Understand the physiology of perfusion and ways in which blood pressure can be monitored in the emergency patient

List the different ways that oxygen therapy can be delivered to the emergency patient

Understand the uses and limitations of multiparameter monitors and their role in monitoring perfusion trends

WEEK 3 FLUID THERAPY

Patient assessment

Identifying a fluid deficit or change in volume

What fluids are available

Managing a change in content

Identifying a change in fluid distribution

LEARNING OBJECTIVES

Explain how to assess the patient's fluid status using clinical exam and blood work

Discuss how to create a fluid plan to treat a fluid deficit such as hypovolaemia or dehydration

List what fluid options are available and which fluid might be preferred in which situation

Understand how fluid selection or the fluid plan can be altered to account for an electrolyte abnormality

Describe how to manage the patient with fluid overload or peripheral oedema

WEEK 4 NEUROLOGICAL EMERGENCIES

Neurological assessment

Coma scoring

Raised intracranial pressure

Seizures

LEARNING OBJECTIVES

Describe how to perform a neurological assessment of an emergency patient

Describe how to perform a coma score and understand how these may be used in neurological patients

Understand methods of identifying raised intracranial pressure and the physiology behind this

Recognise a seizing patient and understand their

management, from initial presentation and stabilisation of mild seizures through to the management of a patient in status epilepticus

WEEK 5 APPROACH TO THE TRAUMA PATIENT

Assessment of wounds

Wound management

Management of fractures

Other injuries associated with trauma

Analgesia

LEARNING OBJECTIVES

Identify different wounds based on the patient history and appearance of the wound

Understand the principles of wound management and common techniques used to flush and debride wounds

Describe how to identify and manage fractures in the trauma patient

List other common injuries associated with trauma and how these should be managed

Implement an analgesia plan for the trauma patient based on pain assessment

WEEK 6 COMMON TOXICITIES

Common toxins seen in emergency practice

Renal toxins

Hepatotoxins

Anticoagulants

Neurotoxins

LEARNING OBJECTIVES

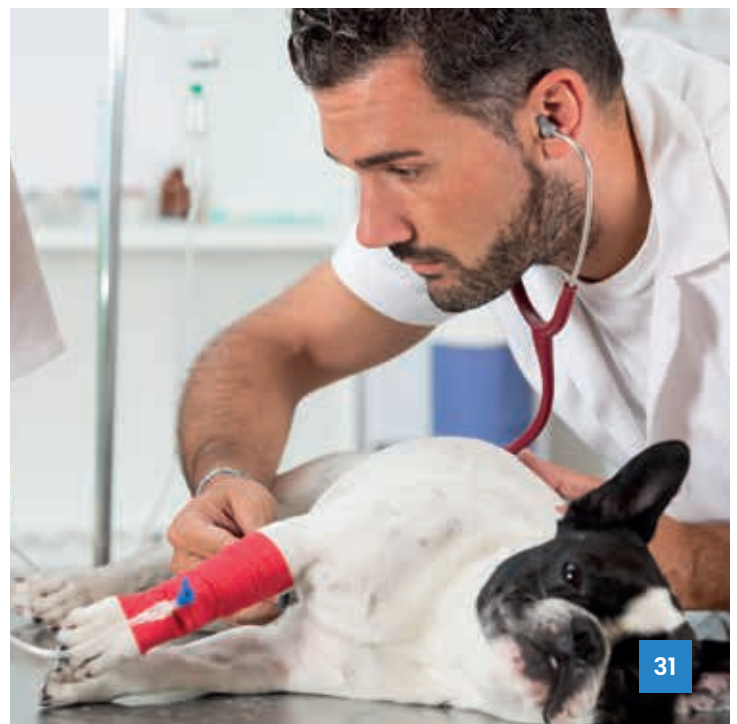
Describe the different ways toxins can enter the body

List the most common renal toxins and understand the treatment of these patients

List the most common hepatotoxins and understand the different treatments for each of these

Understand the physiological effects of anticoagulant ingestion and the treatment of these patients

Identify the most common neurotoxins seen in practice and understand the treatment of these patients



ADVANCED ANAESTHESIA

SPEAKER **COLETTE JOLLIFFE** BVETMED, CERTVA,
DIPECVAA, FRCVS

STARTS **12TH AUGUST 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **ADVANCED**

WEEK 1 PREPARATION, PRIORITIES AND CHECKLISTS

Patient safety

The anaesthesia plan and patient priorities

Preparation and checklists

LEARNING OBJECTIVES

Understand how preparation and use of checklists improve patient safety

Prepare individual anaesthesia plans for sick patients and/or complex procedures

Understand how to prioritise important considerations

Understand how to prepare the patient and equipment to minimise harmful delays and mistakes

Construct and use relevant patient safety checklists

WEEK 2 VENTILATION, CAPNOGRAPHY AND NEUROMUSCULAR BLOCKADE

Physiology of spontaneous and controlled ventilation

Ventilators

Capnography

Neuromuscular blockade

LEARNING OBJECTIVES

Understand in which situations it is appropriate to use controlled ventilation

Understand how to set up a ventilator and what all the buttons do!

Understand the physiology and technology of capnography

Understand how to interpret different capnograph traces

Understand how to use and monitor neuromuscular blocking drugs

WEEK 3 ADVANCED MONITORING AND CARDIOVASCULAR SUPPORT

Physiology of heart rate and blood pressure

The electrocardiogram

Measuring blood pressure

Treating hypotension and arrhythmias

LEARNING OBJECTIVES

Have a better understanding of ECG interpretation and when to worry

Understand how to interpret blood pressure measurements

Understand when and how to treat common arrhythmias

Understand different ways of treating hypotension

WEEK 4 PERIOPERATIVE ANALGESIA

Analgesic drugs in the peri-anaesthetic period

Multimodal analgesia

Analgesic infusions

Using local anaesthetic techniques

LEARNING OBJECTIVES

Have an understanding of the pharmacology of analgesic drugs

Understand which drugs are useful in which situations

Select and prepare analgesic drugs for intravenous infusions

Understand and select appropriate local anaesthetic techniques for different procedures



COMMON CANINE CANCERS

SPEAKER **NICOLA READ** DIPAVN (MEDICAL),
PGCERT VETERINARY ONCOLOGY, AFHEA, RVN

STARTS **4TH SEPTEMBER 2023 & 2ND SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE / ADVANCED**

Of the numerous cancers that affect our canine companions, lymphoma, mast cell tumours, oral melanoma and osteosarcoma are the most frequently diagnosed in the veterinary clinic.

This 4 week course dedicates a week per subject, where we explore the risk factors associated with each of these neoplasms and investigate the methods used to acquire a diagnosis. Treatment options will be discussed with particular detail placed on medical and surgical management techniques that can be applied to general practice and specialist nursing alike.

After completing this online course, participants will have a greater knowledge of these common diseases, enabling understanding of the prognosis and treatment goals; ultimately broadening communication and practical skills in the subject area.

This course is particularly suitable for nurses who have experience in oncology and are looking to broaden their knowledge. For nurses in general practice, the course 'Introduction to Oncology' may be more suitable.

WEEK 1 LYMPHOMA

Lymphoma is a cancer of the lymphocytes and/or lymphoid tissue, which is present in many locations within the body, hence making the presentation of these cases typical or atypical depending on location. Specialist tests have been developed to categorise this cancer and treatment is determined by these findings.

- Manifestation of lymphoma and categories of disease
- Diagnosis, staging and specialist tests for lymphoma
- Treatment options for lymphoma
- Chemotherapy protocols, client expectations and the cancer journey

LEARNING OBJECTIVES

List the common manifestations of canine lymphoma and the patient groups most affected.

Understand the value of specialist tests required to further categorise cancer

Describe the subcategories of lymphoma and the difference in treatment approaches

Explain the rationale of a multimodal chemotherapy protocol and how it may impact on prognosis

Analyse personal skill set and determine how you could support patients with lymphoma using your practice facilities

WEEK 2 OSTEOSARCOMA

Canine osteosarcoma of the weight bearing bones often manifests in pain and/or lameness in affected patients. Once a diagnosis has been determined, the behaviour of this neoplasm is predictable, yet still individual to the animal.

- Osteosarcoma pathophysiology overview
- Diagnostic and staging processes
- Treatment options, radiation and surgical management
- Adjuvant (post-operative) chemotherapy and restaging

LEARNING OBJECTIVES

Describe the diagnostic approach to determining cancer diagnosis and tumour burden

Explain typical neoplastic behaviour of canine osteosarcoma and how it is a model for comparative medicine

List the different treatment options and their impact on survival time

Understand the fundamental reasoning for adjuvant chemotherapy and the options for post-operative care

WEEK 3 MELANOMA

Oral melanoma is the most common form of cancer of the mouth in dogs; there are various forms and the behaviour of this neoplasm is sometimes unpredictable. On week three we discuss the presentation, investigation and treatment options available for these patients and look at some practices which are novel to veterinary medicine.

- Presentation, diagnosis and staging of oral melanoma, including lymph node mapping
- Treatment options and impact on prognosis
- Surgical interventions, nursing support and rehabilitation

LEARNING OBJECTIVES

Describe the value of different tissue sampling and specialist imaging techniques

List treatment options and prognostic indicators for canine melanoma

Describe the surgical technique, complications and post-operative care required for oral melanoma cases

Understand the mechanism of action behind current research for canine melanoma and apply to evidence-based medicine within nursing practice

WEEK 4 MAST CELL TUMOURS

Mast cell tumours are a form of skin cancer in dogs, which depending on their grade and affected site, can have an impact on neoplastic behaviour and prognosis. Many patients go on to live disease-free lives, others require continuous treatment and monitoring.

- Presentation and behaviour of mast cell tumours
- Diagnosis, staging and specialised tests
- Treatment modalities and monitoring considerations

LEARNING OBJECTIVES

Explain which breeds of dogs are commonly affected by mast cell tumours and how the patient may present

List what investigative procedures may be necessary to secure a diagnosis and what safety factors should be observed when sampling masses

Describe which treatment modalities are most useful for which form of the disease

Understand the use of tyrosine kinase inhibitors and "metronomic chemotherapy" as a method for controlling cancer growth



NURSING BRACHYCEPHALICS

SPEAKERS **LYDIA CHRISTIE WOODEND SMITH** RVN

KATIE GRAY PGCERT VE, DIPAVN, RVN,
FHEA, MNCS

LISA ANGELL VTS (ANAESTHESIA AND
ANALGESIA) PGCERT VET ED, FHEA, RVN

ALISON YOUNG DIPAVN (SURGICAL),
VTS (SURGERY), RVN

SIAN WOODHAM-DAVIES RVN

STARTS **4TH SEPTEMBER 2023 &
2ND SEPTEMBER 2024**

CPD **8 WEEKS / 20 HOURS**

COST **£355 +VAT**

LEVEL **INTERMEDIATE**

Brachycephalic breeds have seen a huge surge in popularity in recent years, and we are now nursing these patients on a daily basis.

These patients come with a whole host of breed specific problems, directly related to their anatomy, and this course aims to comprehensively cover all aspect of nursing brachycephalics in practice, including anaesthesia, medicine, surgery, critical care and our vitally important role in client education.

WEEK 1 AN INTRODUCTION TO BRACHYCEPHALICS

Brachycephalic anatomy basics

Breeds commonly affected

Recent increase in popularity
and the effects on the breed

Co-morbidities commonly
seen in brachycephalics

Communication with owners

LEARNING OBJECTIVES

Recognise and discuss
the anatomy of a
brachycephalic patient

Understand the causes that can
be attributed to clinical signs
often displayed by patients
suffering with BOAS

Identify co-morbidities
often diagnosed in
brachycephalic patients

Understand when and why
communication with owners
about brachycephalic pet
ownership is vital

Understand the Cambridge
BOAS assessment

WEEK 2 BRACHY BREATHING – CRISIS AND MANAGEMENT

Triage

Respiratory sounds

Blood gas analysis

Aspiration pneumonia

Oxygen therapy

LEARNING OBJECTIVES

Understand how to triage the
brachycephalic patient

Recognise the difference
between the various
respiratory sounds

Identify the uses of blood gas
analysis in respiratory conditions

Understand available treatments
for aspiration pneumonia

Explain the different methods of
providing oxygen therapy

WEEK 3 IT'S A HOT TOPIC – HEATSTROKE MANAGEMENT

Heatstroke identification

Treatment options

Recovery process

Risks and complications

LEARNING OBJECTIVES

Identify a patient at risk
of heatstroke

Explain how to care for the
hot brachycephalic

Understand the risks associated
with heatstroke

List the clinical signs to look
out for in a recovering
heatstroke patient

Describe treatments for the
recovering heatstroke patient
with a secondary condition

WEEK 4 BRACHYCEPHALIC ANAESTHESIA

Balanced anaesthesia plans

Anaesthetic equipment

Anaesthetic monitoring

LEARNING OBJECTIVES

Understand how to perform a
pre-anaesthetic evaluation

Design a patient specific
anaesthesia plan, to include
– premedication, induction,
maintenance, and other
medications to support the
brachycephalic patient in the
peri-anaesthesia period

Understand the approach to
monitoring the brachycephalic
patient under anaesthesia





WEEK 5 MANAGING A DIFFICULT AIRWAY

Pre-anaesthetic airway compromise and signs of potential difficult airways

Intubations, including tips and equipment aids

Ways to assist patient recovery from anaesthesia

LEARNING OBJECTIVES

Evaluate a patient prior to anaesthesia to determine severity of airway compromise

Identify the clinical signs to alert the anaesthetist to a potential difficult airway prior to induction

List the different intubation aids and how to maximise successful intubations, to maintain oxygenation and minimise hypoxia

Understand how we can assist recoveries in the brachycephalic patient to achieve extubation and reduce incidence of post anaesthesia respiratory obstruction

WEEK 6 HEAD AND NECK SURGERY

Preparing the patient for surgery

Surgical techniques to correct common conditions – stenotic nares, elongated soft palate, everted laryngeal sacculles, everted palatine tonsils, skin fold resection and tracheotomy/tracheostomy

Surgical techniques for conditions affecting the eyes – canthoplasty, grafting for ulceration, entropion etc.

Instrumentation

LEARNING OBJECTIVES

Prepare the patient for a range of procedures, including preparation of skin, eyes and mucous membranes

Correctly position patients for a range of surgical procedures involving the head and neck

Understand the most common surgical procedures, and explain these to owners

Tailor a post-operative care plan for each individual patient

WEEK 7 ALL THE OTHER PROBLEMS NOT IN THE HEAD AND NECK!

Preparing the patient for surgery

Surgical techniques for a range of common conditions including caesarean sections, fracture repairs (humeral condyle), hiatus hernia, screw tail, hemilaminectomy and pulmonic stenosis

Instrumentation

LEARNING OBJECTIVES

Prepare theatre and the patient for a range of surgical procedures

Understand the most common surgical procedures, and explain these to owners

Tailor a post-operative care plan for each individual patient

Identify common surgical instruments and understand their use

WEEK 8 OPHTHALMOLOGY

Corneal ulceration, exposure keratopathy and corneal pigmentation

Corneal sequestrums in cats

Entropion and Ectropion

Keratoconjunctivitis sicca (KCS)

Tear overflow and staining

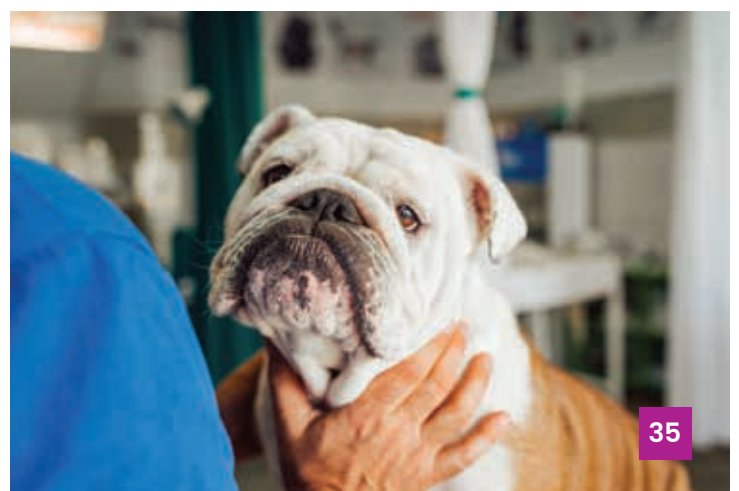
Proptosis

LEARNING OBJECTIVES

Explain the common ocular conditions in the brachycephalic patient

Understand the treatment options for the above conditions

Feel more confident when nursing the ophthalmic patient and what specific considerations to bear in mind



A DEEPER PLANE OF ANAESTHESIA

SPEAKER **REBECCA ROBINSON**
BVSC, MVETMED, DIPECVAA, FHEA, MRCVS

STARTS **4TH SEPTEMBER 2023 & 2ND SEPTEMBER 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 **PRE-ANAESTHETIC ASSESSMENT AND PATIENT PREPARATION FOR ANAESTHESIA**

Patient preparation

ASA status and patient assessment

Use of checklists

Breathing systems and checks

The aims of anaesthetic premedication

Practical considerations

What agents are available

LEARNING OBJECTIVES

Correctly identify an appropriate breathing system and safe fresh gas flow rates for individual patients

Confidently check an anaesthesia machine and breathing system to ensure they are safe to use

Have an understanding of the ASA grading system and be able to designate and apply which status is appropriate for their individual patients

Identify the benefits of using a peri-anaesthetic checklist and decide whether this can be advocated for their working environment

List the reasons for patient premedication and be able to identify practical aspects and factors within the clinic which may affect the efficacy of premedication

Identify the most common pharmacological agents used for sedation and anaesthesia

WEEK 2 **ANAESTHETIC MONITORING – NEUROLOGICAL AND RESPIRATORY SYSTEM**

Basic, hands on monitoring (neurological system)

Respiratory monitoring

Other

LEARNING OBJECTIVES

Recognise what are normal physiological parameters with regards to the neurological and respiratory systems for individual patients undergoing anaesthesia

Name the most common pieces of monitoring equipment for the respiratory system and be able to recognise what is a normal value/trace for each of these pieces

Start to develop the skills to apply this knowledge to individual cases within the clinic with use of the available equipment

WEEK 3 **ANAESTHETIC MONITORING – CARDIOVASCULAR SYSTEM**

Cardiovascular monitoring

– Basic, hands on

– Blood pressure

– Pulse oximetry

– ECG

LEARNING OBJECTIVES

Recognise what are normal physiological parameters with regards to the cardiovascular system for individual patients undergoing anaesthesia

Name the most common pieces of monitoring equipment for the cardiovascular system and be able to recognise what is a normal value/trace for each of these pieces

Start to develop the skills to apply this knowledge to individual cases within the clinic with use of the available equipment

WEEK 4 **PRINCIPLES OF PERI-OPERATIVE CARE INCLUDING ANAESTHETIC RECOVERY**

Anaesthetic risk

Airway management including tracheal intubation

Patient positioning

Eye care

Temperature

Fluid therapy

Patient recovery

LEARNING OBJECTIVES

Identify important factors which require attention and care during a patient's anaesthetic in order to optimise the patient's peri-anaesthetic experience

Accurately calculate fluid rates for individual patients and apply this to their clinical setting, whether this be with use of fluid pumps/syringe drivers or via gravity (calculating a drop rate)

List available methods for patient warming, with recognition of the need to counteract patient hypothermia and the potential risks associated with warming device use

Recognise the critical importance of patient monitoring during anaesthetic recovery

Describe the potential difficulties that may be encountered during the anaesthetic recovery period

WEEK 5 **PAIN ASSESSMENT**

Importance of pain assessment and management

Challenges of pain assessment in veterinary species

Pain assessment tools

LEARNING OBJECTIVES

Recognise the potential difficulties in performing pain assessment in veterinary species.

Name a number of pain assessment tools

Advocate a pain assessment tool that would be suitable for their working environment

Recognise when patients (cats and dogs) are deemed to be painful

WEEK 6 **ANALGESIA FOR ACUTE PERI-OPERATIVE PAIN**

A brief overview on the pain pathway with introduction to the concepts of multimodal and pre-emptive analgesia

Analgesic options, including:

- A brief overview of the pharmacological means
- Non-pharmacological methods

LEARNING OBJECTIVES

Explain why provision of analgesia is important for patient welfare

Describe the concepts of multimodal and pre-emptive analgesia, with emphasis on why these are important for patient analgesia

Explain why provision of analgesia is important

List potential analgesic options and apply this knowledge to consider appropriate therapeutic plans for individual patients

Have an appreciation of the important role that a veterinary nurse can play in providing non-pharmacological methods of analgesia and improving the patient experience



NURSE CLINICS

SPEAKER **NICOLA LAKEMAN** MSc, BSc(HONS) CERTSAN, CERTECC, VTS (NUTRITION), AI VI C-SQP HONS, RVN

STARTS **4TH SEPTEMBER 2023 & 2ND SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 SETTING UP AND RUNNING NURSE CLINICS

Which clinics to run?

Charging for clinics

Standardisation of the clinics

Client compliance

How to increase client numbers

Making recommendations

Marketing and publicity

Building confidence

Reflective practice

LEARNING OBJECTIVES

Understand the consulting nurse's pivotal role in practice

Appreciate the varying types of clinics nurses can offer

Learn how to increase numbers coming into clinics, and increase

recommendations to the clinics

Understand how to increase client compliance in clinics

Know various ways to market and advertise the clinics on offer

WEEK 2 CONSULTING SKILLS

Communication in clinics

Consultation skills

Content of your clinic

Keeping to time

LEARNING OBJECTIVES

Understand the process of consulting

Understand the importance of communication, the customer journey and improving outcomes

Understand the importance of protocols for clinic content and the running of these clinics

WEEK 3 LIFESTAGE CLINICS

Puppy and kitten clinics

Senior clinics

Other lifestage clinics

What to include

Timings of clinics

LEARNING OBJECTIVES

Timings of clinics and how these will improve client education and binding to the practice

Understand the content for these clinics and what to discuss with clients at this time

Understand the elements of preventative healthcare

Understand the importance of nutritional assessments in all of the nurse clinics

WEEK 4 OBESITY AND MOBILITY CLINICS

Content of mobility and obesity clinics

Nutritional requirements for obesity

Client motivation

LEARNING OBJECTIVES

Understand the content to include for each of these clinics

Calculate feeding amounts, what treats (if any) we can feed and exercise regimes.

Understand how environmental adaptations can improve QOL for our pets with mobility issues

Understand the role of supplements in these cases

Discuss methods of how to motivate clients



TOXICOLOGY

NEW

SPEAKER **KATH HOWIE** VTS (ECC), RVN

STARTS **9TH SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 TOXICOLOGY INTRODUCTION

The top 10 commonly encountered toxins in small animal patients will be reviewed along with up-to-date evidence-based guidelines looking at treatment recommendations and options

We will review the reported antidotes as well as the use of intra-lipid emulsion and other supportive measures we may implement in patients suffering from intoxication

Common complications of the various intoxications we can encounter will be reviewed as well as discussion of how we may pre-empt and manage these

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Recognise the main toxins we see in practice

Develop a systematic approach to the intoxicated patient

Discuss the evidence bases looking at use of activated charcoal, intra-lipids and other antidotes, along with supportive measures for the intoxicated patient

Appreciate the main complications we may encounter with an intoxicated patient

Understand how to address and nurse intoxicated patients into recovery

WEEK 2 CENTRAL NERVOUS SYSTEM TOXINS

Detailed discussion of the toxins that commonly affect the central nervous system, including recreational drugs, human medications, organic toxins, household and environmental concerns

We will look at decontamination of these patients as well as effective nursing care and monitoring for the patient with severe CNS depression associated with intoxication

Discuss when an antidote may be indicated and the systemic effects we can see associated with CNS intoxications

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the effects of the main toxins affecting the CNS

Consider how to provide emergency treatment for these patients and also develop a plan for longer term care

Discuss whether decontamination is appropriate for patients when the CNS is depressed

Understand the complications and challenges we may encounter

WEEK 3 RENAL SYSTEM TOXINS

Discuss toxins that affect the patient's renal system, including ethylene glycol, NSAID ingestion, baclofen and raisins / grapes

Consider how we can identify a patient with acute kidney injury due to a toxin and the treatment options available, including peritoneal dialysis and haemodialysis

Nursing care for these patients is intensive and a focus on fluid balance and electrolyte status is vital, so this will be covered in detail

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the different toxins that affect the renal system and how we can approach nursing and monitoring these patients

Consider approaches to acid-base stabilisation and electrolyte abnormality management

Understand why volume overload occurs, and how we monitor, prevent and manage this condition

WEEK 4 HEPATIC, CARDIAC AND RESPIRATORY SYSTEM TOXINS

Round up of other common toxins including those affecting the hepatic, cardiovascular and respiratory systems and other miscellaneous agents. We will look at identifying these patients, common sources of intoxication and approaches to management

Review of the process of gastric lavage and contraindications associated with this method of contamination

Specific concerns associated with other toxins, including xylitol, baclofen, beta blockers, paracetamol, garlic and onions

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Discuss appropriate treatment options and interventions for the mentioned toxins

Confidently provide nursing care and monitoring for these patients

Discuss gastric lavage and when it may not be appropriate

Appreciate the long term effects these toxins may or may not have on our patients



COMMON EMERGENCY PATIENT PRESENTATIONS

SPEAKER KATH HOWIE
VTS(ECC), RVN

STARTS 18TH SEPTEMBER 2023 & 16TH SEPTEMBER 2024

CPD 6 WEEKS / 15 HOURS

COST £255 +VAT

LEVEL INTERMEDIATE

WEEK 1 TRIAGE ASSESSMENT OF THE TRAUMA PATIENT AND STABILISATION OF THE EMERGENCY PATIENT

Carrying out an effective triage assessment and the RVN's role

Major body system assessment

Approach to dysfunction of the cardiovascular, respiratory and neurological systems

Practical considerations for managing the emergency patient stabilisation

LEARNING OBJECTIVES

Correctly identify a patient with dysfunction of a major body system

Confidently triage and assess an emergency patient

Recognise the approach to dysfunction of different major body systems and stabilisation techniques utilised for emergency patients

Appreciate specific nursing considerations for the emergency presentation

WEEK 2 URETHRAL OBSTRUCTION

Identification of the patient with urethral obstruction

Stabilisation techniques

Evidence-based discussion on emergency management, fluid types and analgesia options

LEARNING OBJECTIVES

Participate in case based discussions

Identify the patient's condition and the pathophysiology alongside potential complicating factors such as co-morbidities

Understand how to correct fluid deficits and identifying the difference between hypovolemia and dehydration

Participate in acid-base and electrolyte discussions, including how to address hypo and hyperkalemia

Appreciate the specific nursing considerations for patients with urethral obstruction



WEEK 3 DIABETIC KETOACIDOSIS

Presentation and initial emergency management

Acid base balance and electrolyte abnormalities

Pathophysiology of diabetic ketoacidosis and complicating factors

LEARNING OBJECTIVES

Participate in case based discussions

Identify the patient's condition and the pathophysiology alongside potential complicating factors such as co-morbidities

Understand how to correct fluid deficits and identifying the difference between hypovolemia and dehydration

Participate in acid-base and electrolyte discussions, including how to address hypo and hyperkalemia

Appreciate the specific nursing considerations for patients with DKA

WEEK 4 THE ACUTE ABDOMEN – SURGICAL CASES

Pre-anaesthesia stabilisation and assessment

Analgesia choices in the critically ill patient

Peri-operative and recovery periods

Nursing specific concerns post operatively

LEARNING OBJECTIVES

Develop a pre-anesthetic plan and discuss suitable stabilisation as well as attribute an ASA score

Complete with confidence a surgical checklist and identify areas of concern

Understand analgesia choices, the options we have including CRIs, local and regional techniques

Engage in case based presentations, including abdominal foreign bodies and gastric dilatation and volvulus

WEEK 5 THE ACUTE ABDOMEN – MEDICAL CASES

Analgesia and pain scoring

Non-surgical versus surgical patients

SIRS and DIC

Nutritional support

LEARNING OBJECTIVES

Understand pain scoring and the importance of using validated methods

Understand analgesia choices, the options we have including CRIs, local and regional techniques

Decide if a patient is surgical or non-surgical, especially in the case of traumatic haemoabdomen

Understand the pathophysiology behind systemic inflammatory response syndromes and disseminated intravascular coagulation and how to identify the early indications of development of these syndromes

WEEK 6 ACUTE GASTROINTESTINAL DISEASE

Haemorrhagic gastroenteritis including parvovirus

Fluid therapy

Antibiosis

LEARNING OBJECTIVES

Identify appropriate approaches to fluid replacement including discussion of the use of crystalloids and colloids in the patient with AHDS

Appreciate the importance of nutrition in the patient with acute gastro-intestinal disease and how we can provide that

Describe potential complications that may occur, including sepsis

Discuss the rational use of antibiotics, using evidence bases



ADVANCED NUTRITION

SPEAKER **NICOLA LAKEMAN** BSC(HONS) CERTSAN,
CERTECC, VTS (NUTRITION), AI VI C-SQP HONS, RVN

STARTS **18TH SEPTEMBER 2023 & 16TH SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **ADVANCED**



WEEK 1 DIABETES MELLITUS

In this first week, we will be looking at diabetic cats and dogs and how nutrition plays a very large role in stabilisation of blood glucose. In dogs, we will look at how manipulation of different types of fibre can influence it. Cats are completely different when it comes to diabetes, not just in what to feed them. We will look at low carbohydrate, higher fat and protein diets, and how these can be used for obesity control and aid with the diabetes

LEARNING OBJECTIVES

Understand how diets for dogs and cats differ for diabetic patients

Explain how specific nutrients affect metabolism and insulin requirements

Establish safe weight loss in the diabetic cat

WEEK 2 CARDIAC DISEASE

In the second week, we will look at the ACVIM consensus statement and how we can build this into nutrition for dogs. We will look at the recent evidence for cardiac diets and how the heart cells have been shown to respond to different energy sources. We will also look at the evidence surrounding those dogs that are developing DCM on grain free diets

LEARNING OBJECTIVES

Understand the nutritional requirements for the cardiac patient

Describe how to prevent cardiac cachexia

Understand the issues with fad diets and DCM



WEEK 3 HEPATIC DISEASE

Hepatic disease in cats and dogs can be very complex depending on the cause. We will look at the feeding of puppies with portosystemic shunts and why we use diets with specific nutrients. We will then discuss those animals with raised liver parameters and how we can help them, using diets and supplements

LEARNING OBJECTIVES

Understand how certain nutrients can exacerbate the clinical signs of portosystemic shunts

Explain how supplements can be used in animals with liver disease

Describe the nutrient requirements of cats and dogs with liver disease

WEEK 4 DERMATOLOGICAL DIETS

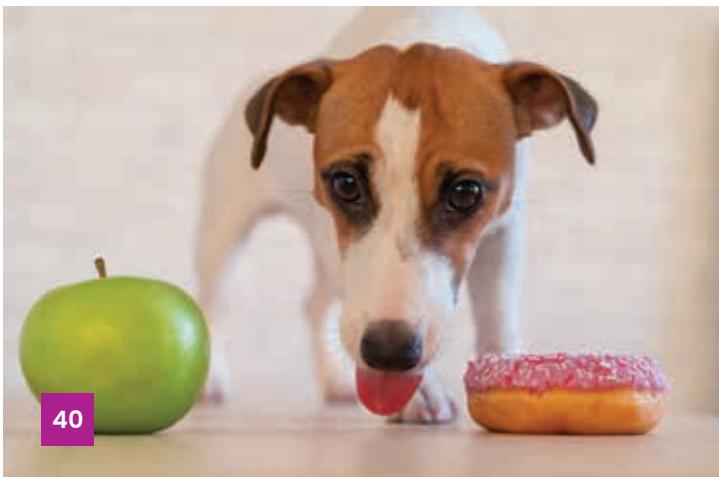
In this last week, we will look at all the different diets that are available for dogs and cats that have dermatological issues. We will investigate nutrigenomic diets, novel protein diets and hydrolysed diets and discuss when to use each one

LEARNING OBJECTIVES

Understand the difference between diets aimed at animals with dermatological issues

Conduct feeding trials for dermatological cases

Explain how supplements can be used to improve skin conditions



ANAESTHESIA, ANALGESIA AND CRITICAL CARE FOR RABBITS

SPEAKER **CLAIRE SPEIGHT** AI CLINICAL COACH,
C&G CERT NURSING EXOTIC SPECIES, RVN

STARTS **2ND OCTOBER 2023 & 30TH SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 MAKING RABBIT ANAESTHESIA SAFER

Pre-op advice for clients

ASA grading – what increases the risk?

Monitoring under general anaesthesia

Post-operative care

LEARNING OBJECTIVES

Recap rabbit anaesthesia and how you can help build up your confidence, including pre op, intra op and post op care

Identify signs to be monitoring under anaesthesia – including CO₂, SPO₂, reflexes, HR, RR and BP readings

Use the ASA grading system, to look at why rabbits may be at a higher risk, compared with dogs and cats when placed under GA

Understand the options for intubation and maintaining an airway

WEEK 2 ANALGESIA – TAKING THE PAIN AWAY

The signs of pain

Causes of pain

Knock on effects of uncontrolled pain

Analgesia options

LEARNING OBJECTIVES

Identify the signs that rabbits show when in pain – these can be easily missed!

Learn how to use with the 'Rabbit Grimace Scale' in conjunction with clinical signs

Appreciate the secondary problems that pain can lead to, when it is not managed correctly

Know what analgesia options can be used in rabbits

WEEK 3 PREPARING FOR AN EMERGENCY

Preparation at the practice

Triaging rabbits

Obtaining a capsule history

Assessment

Managing owner expectations

LEARNING OBJECTIVES

Appreciate that when the phone rings it is important to be prepared for the emergency rabbit case. Know what to do and what equipment to set up to be ready

Understand how to triage rabbits and when continuing to do so may be detrimental

Obtain a quick and useful history from the owner to enable treatment to commence

Conduct a full assessment of the rabbit – from head to toe

Communicate with clients, managing their expectations and keeping them informed

WEEK 4 CRITICAL CARE – KEEPING THEM ALIVE!

What is and what isn't an emergency

What to do when faced with a rabbit emergency

Stabilisation and oxygen therapy

LEARNING OBJECTIVES

Identify rabbit emergencies – they are not always obvious, and knowing what is and what isn't an emergency is important

Understand the health conditions which are emergencies in rabbits, including gastrointestinal stasis/blockages, flystrike, liver lobe torsion and respiratory distress

Achieve the important goal of keeping stress to a minimum

Identify the signs of improvement and deterioration



APPROACH TO THE RESPIRATORY PATIENT

SPEAKERS **ELLE HASKEY** BSC (HONS), VTS (ECC), VPAC AI, RVN

KATIE GRAY PGCERT VE, DIPAVN, RVN, FHEA, MNCS

STARTS **2ND OCTOBER 2023 & 30TH SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 COMMON RESPIRATORY DISEASES

Lower respiratory tract disease

Pleural disorders

Pulmonary disease

POCUS and sampling

Management

LEARNING OBJECTIVES

Describe lower respiratory tract physiology and the disease processes seen in practice

Understand the different causes of pleural disorders

Understand the different causes of pulmonary disease

Identify the uses of POCUS and understand which patients may benefit from thoracocentesis

Describe how to manage the patient with acute respiratory distress

WEEK 2 OXYGEN THERAPY

How to identify a patient in need of oxygen therapy

Non-invasive methods of oxygen therapy

Invasive methods of oxygen therapy

Monitoring a response to therapy

LEARNING OBJECTIVES

Understand which parameters are used to identify patients who are in need of oxygen therapy

Describe which methods of non-invasive oxygen therapy are available and which is the most suitable for their patient

Describe which methods of invasive oxygen therapy are available and which is the most suitable for their patient

Discuss whether a patient is responding to oxygen therapy and when a decision may be made to discontinue oxygen support

WEEK 3 BLOOD GASES

Why do we use blood gas analysis?

How to take a sample for a blood gas analysis

What is acid / base?

Interpretation of a blood gas report

Compensation

LEARNING OBJECTIVES

Understand why blood gas analysis is important for managing the respiratory patient

Describe how to take a sample for blood gas analysis

Understand acid / base status and what this means for the patient

Interpret a blood gas report using a step by step approach so that this can be transferred to your patients in practice

Understand the physiology behind compensatory mechanisms

WEEK 4 BOAS – FROM ADMIT TO DISCHARGE

Admit considerations

BOAS plan

Anaesthesia considerations

Dealing with the BOAS crisis

Other nursing considerations

LEARNING OBJECTIVES

List the considerations which should be discussed with the owner when the patient is admitted to the hospital

Discuss safe ways of managing these cases whilst they are hospitalised to minimise complications

Understand how to make BOAS patients anaesthesia plans safer

Explain the concerns associated with a BOAS crisis and how to manage these

Describe other nursing considerations associated with these breeds and how we can factor these into our nursing care plans for hospitalised patients



NEUROLOGY IN PRACTICE

SPEAKER **ZOE HATFIELD**
RVN, VTS IM-NEUROLOGY, RVN

STARTS **2ND OCTOBER 2023 & 30TH SEPTEMBER 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

Veterinary nurses will likely have to nurse patients with varying degrees of neurological disease throughout their career. Understanding how a patient is affected neurologically, and knowing their basic care needs, will allow for successful nursing of these patients in practice.

Although neurological patients may seem daunting initially, by going through these patients step-by-step from history, through diagnosis, treatment and nursing care, we can make these cases less daunting and more rewarding.

Each week we will look at a different aspect of veterinary neurology so that you gain a full picture of how and why certain treatment options are preformed/required. Following the course, you can apply the knowledge of various conditions and how these will affect the nursing care requirements of the patient, to produce successful nursing care plans, as well as fully support your clients that have pets with on-going neurological needs at home.

WEEK 1 PATIENT HISTORY AND ASSESSMENT

Taking a thorough history

Initial patient assessment

Anatomy

Neurological examination

Localisation

LEARNING OBJECTIVES

Successfully take a detailed history from owners and distinguish if the problem is neurological or not

Assess / triage the patient's overall condition

Understand the neurological examination and describe what the findings may suggest

Discuss neurological lesion localisation and appreciate how this will allow planning of diagnostics tests

WEEK 2 DIAGNOSTICS

What do we need to know and when?

Blood tests

Urine

Imaging

MRI

CT



Radiography

Myelography

Ultrasound

Electrodiagnostics

Muscle and nerve biopsies

LEARNING OBJECTIVES

Understand if diagnostic tests are required

Know what tests should be prioritised – especially in emergency / critical cases or money sensitive situations

Understand what genetic tests are routinely carried out in neurology

Have a basic understanding of advanced imaging protocols and which ones should be used

Understand why and when electrodiagnostics are used in practice

Discuss why muscle and nerve biopsies may be taken

WEEK 3 SPINAL CONDITIONS

Intervertebral disc disease and other common spinal conditions

Medical versus surgical treatment

Hemilaminectomy surgery, ventral slot surgery and other surgical approaches

Fenestration and durotomy – what does it mean and why?

Atlanto-axial instability, fractures and other vertebral malformations

LEARNING OBJECTIVES

Display knowledge about common spinal conditions seen in practice and understands why

surgery is or isn't performed

Describe how surgery affects the patient's anatomy. Understanding surgery allows for a more considerate approach to nursing these patients

Show an awareness of any likelihood of reoccurrence

WEEK 4 BRAIN DISEASE

Seizures

Meningoencephalitis of unknown origin (MUO)

Vestibular disease

Head trauma

Neoplasia

Toxins

Otitis media / interna

LEARNING OBJECTIVES

Explain primary and secondary seizures and potential causes, and understand when to start anti-epileptic treatment

Discuss the clinical signs of MUO, how it is diagnosed in practice, along with the treatment options available

Know how to triage the emergency head trauma patient and use the Glasgow Coma Scale

List other causes of disease that may cause patients to present similarly to brain disease patients

WEEK 5 NEUROMUSCULAR DISEASE

Common neuromuscular diseases seen in the UK

Myasthenia Gravis

Polyradiculoneuritis

Tetanus

Toxoplasmosis

LEARNING OBJECTIVES

Show an understanding as to how different neuromuscular diseases affect our patients

Discuss treatment options available to patients for these conditions and know the nursing care required to support them during their recovery

WEEK 6 NURSING THE NEUROLOGICAL PATIENT

Nursing care required to successfully nurse patients in hospital

Bladder dysfunction and care

Nutritional / hydration needs

Handling techniques

Exercise

Complications

Complementary treatment options

Promoting good overall patient care in practice

LEARNING OBJECTIVES

Consolidate knowledge from the whole course to successfully produce nursing care plans for a variety of neurological conditions

Identify which bladder management technique is required for various patients

Understand appropriate handling techniques and when one should be used over another

Help support clients that have pets with ongoing neurological care needs at home

Discuss the long-term care and monitoring these patients may require

KEEP CALM IN AN ANAESTHETIC CRISIS

SPEAKER **REBECCA ROBINSON**
BVSC, MVETMED, DIPECVAA, FHEA, MRCVS

STARTS **2ND OCTOBER 2023 & 30TH SEPTEMBER 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**



WEEK 1 PRINCIPLES OF ANAESTHETISING CRITICAL PATIENTS

Anaesthetic risk in the compromised patient

The importance of patient
history and physical
examination

Diagnostic tests

Patient stabilisation

Anaesthetic protocol,
monitoring and recovery

LEARNING OBJECTIVES

Understand why critical patients
are at an increased anaesthesia
and sedation risk

Understand that improving
patient safety requires a holistic,
overall management process,
not simply using “the best drug
protocol”. This will include
consideration of:

- What pre-anaesthetic tests
may be required and the
benefit they offer
- What pre-anaesthetic
stabilisation may
be required

Recall an introduction into the
type of patient monitoring which
is required during the peri-
anaesthetic period

Understand general principles
for appropriate anaesthetic drug
protocols for the critical patient

WEEK 2 GENERAL APPROACH TO ADVERSE EVENTS AND INTRODUCTION TO ANAESTHETIC COMPLICATIONS

Near misses and
adverse events

Minimising adverse events
by preparation

Checklists and
non-technical skills

Common
anaesthetic complications

LEARNING OBJECTIVES

Name the three steps
necessary for approaching
adverse events and discuss
why they are important,
including methods in which
near misses and adverse
events can be minimised
in practice

Understand the role of human
factors in patient safety and
the value of checklist use in
anaesthetic practice

Give an overview of what
anaesthetist non-technical
skills (ANTS) are and be able to
begin using them in
clinical practice

Know the most common
anaesthetic complications
encountered in small
animal practice

WEEK 3 CARDIOVASCULAR COMPLICATIONS

Alterations in heart rate:

- Bradyarrhythmias
- Tachyarrhythmias

Alterations in blood
pressure:

- Hypotension
- Hypertension

LEARNING OBJECTIVES

Recognise abnormal
physiological parameters with
regards to the cardiovascular
system for individual patients
undergoing anaesthesia

Understand the most
common underlying causes
for alterations in heart rate
(bradyarrhythmias and
tachyarrhythmias) during
general anaesthesia

List some main treatments
for the most common
arrhythmias which present
under general anaesthesia

Understand the most
common underlying causes
for alterations in blood
pressure (hypotension and
hypertension) during general
anaesthesia.

List some main treatments
for the most common
blood pressure alterations
which present under
general anaesthesia

Begin to apply this knowledge
to individual cases within the
clinic with use of the
available equipment

WEEK 4 RESPIRATORY COMPLICATIONS

Alterations in ventilation:

- Hypoventilation
- Hyperventilation
(including tachypnoea)
- Apnoea or
respiratory arrest

Hypoxaemia

Respiratory obstruction:

- Upper respiratory tract
- Lower respiratory tract
- Restrictive
pulmonary disease
- Aspiration
(and regurgitation)

LEARNING OBJECTIVES

Recognise what are abnormal
physiological parameters
with regards to the respiratory
system for individual patients
undergoing anaesthesia

Understand the most
common underlying causes
for alterations in ventilation,
including phypho- and
hyperventilation, apnoea and
respiratory arrest

List the main treatments for
the most common changes in
ventilation under anaesthesia

Understand the difference
between hypoxaemia and
hypoxia, listing the potential
causes for these and therefore
be able to suggest methods to
manage these conditions

Recognise the clinical signs
of respiratory obstruction and
restrictive pulmonary disease
and describe what steps
could be taken to alleviate
the underlying problem

State why aspiration is a risk
under anaesthesia and how
to manage a case of
gastro-oesophageal reflux in
order to minimise patient risk

Begin to apply this knowledge
to individual cases within
the clinic with use of the
available equipment

WEEK 5 'OTHER' COMPLICATIONS

Central nervous system:

- Emergence delirium
- Post anaesthetic blindness
and deafness

Thermoregulation:

- Hypothermia
- Hyperthermia
- Anaphylactic and
anaphylactoid reactions

Embolism

LEARNING OBJECTIVES

Outline why cats are at
particular risk for post
anaesthetic blindness and
deafness and describe
methods which can
minimise this risk

List available methods
for patient warming, with
recognition of the need
to counteract patient
hypothermia and the potential
risks associated with warming
device use

List risk factors associated with
peri-operative hyperthermia
and discuss steps which can
be implemented to manage
the hyperthermic patient

Recognise if an anaphylactic
or anaphylactoid reaction
is occurring and be able to
suggest steps to manage
the situation

Understand that embolisms
are a rare, but potential
complication during
anaesthesia and be able to list
the clinical signs associated
with their occurrence

WEEK 6 CARDIOPULMONARY RESUSCITATION

Detecting
cardiopulmonary arrest

Basic life support:

- Chest compressions
- Tracheal intubation
- Ventilation

Advanced life support

- Drug therapy
- Oxygen supplementation
- Intravenous fluid therapy
- Correction of
electrolyte and
metabolic disturbances
- Defibrillation
- Monitoring during CPR
- Post cardiac arrest care

LEARNING OBJECTIVES

Explain the purpose of
cardiopulmonary
resuscitation and describe its
two main components

Recognise when
cardiopulmonary resuscitation
should be instigated

Understand the importance
of regular CPR training within
the practice team

Describe and demonstrate
the method for effective
chest compressions,
tracheal intubation
and ventilation during
cardiopulmonary resuscitation

List what steps can be taken
to provide advanced
life support during
cardiopulmonary resuscitation

Know what monitoring
tools are recommended
for cardiopulmonary
resuscitation and be able to
interpret the main waveforms
that will be seen during a
resuscitation event

REFRESHING KNOWLEDGE FOR A SMOOTH RETURN TO ANAESTHESIA

NEW

SPEAKER **WILL MCFADZEAN** BVETMED, CERTAVP (VA),
DIPECVAA, MRCVSS

STARTS **30TH SEPTEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTRODUCTION**

This four week course is designed to be a refresher in routine anaesthesia, and will cover the most up-to-date and relevant information. This course may be most beneficial for nurses returning to work following a career break, or for nurses working in a different field (for example specialist medicine nurses) wishing to keep their anaesthesia knowledge refreshed and updated

WEEK 1 PREPARATION AND PREMEDICATION

Preparing for what may happen is the key to anaesthesia. We will discuss how to approach an anaesthetic and the difference premedication can have on the patient and the anaesthetic that follows.

Preparedness

Considerations

Safe and effective premedication

Calculations for anaesthesia

Fasting periods

Medication that may be given prior to the visit

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

List generalised considerations for preparing to anaesthetise routine cases

Confidently provide premedication prior to anaesthesia in a safe and controlled manner

Give advice on how long to withhold food before anaesthesia for a variety of different patients

WEEK 2 INDUCTION

This week will cover the induction process, how to manage different case scenarios and guide you through intubation techniques.

Selection of an appropriate breathing system

Preoxygenation

Intubation for different cases

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Select an appropriate breathing system and calculate the fresh gas flow required

Understand the physiology of preoxygenation, and how to do this effectively

Feel confident to approach intubation in both routine cases and those with anatomical variations

WEEK 3 MAINTENANCE

For many, the maintenance phase of anaesthesia can be daunting, this week we will discuss monitoring and fluid therapy during anaesthesia.

Multiparameter monitors

Hypotension

Fluid therapy during anaesthesia

Low flow anaesthesia

Environmental considerations

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Feel confident using multiparameter monitors and interpret the information given

Appreciate the physiology of and importance of monitoring blood pressure effectively

Select an appropriate fluid rate during anaesthesia

Select an appropriate fresh gas flow rate during maintenance of anaesthesia

Recognise some of the environmental impacts of anaesthesia

WEEK 4 RECOVERY

The recovery phase is an area with high mortality in small animal patients, this week will cover how to make this phase of anaesthesia both calm and safe.

Practicalities of recovery

Monitoring post-anaesthetic

Pain scoring

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understanding the risks associated with and the necessity for monitoring patients in recovery

Confidently perform pain scoring assessments on patients following surgery



INTRODUCTION TO NURSING EXOTIC PATIENTS

SPEAKER **JOHN CHITTY**
BVETMED CERTZOOMED CBIOL MRSB MRCVS

STARTS **16TH OCTOBER 2023 & 14TH OCTOBER 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTRODUCTION / INTERMEDIATE**

The aim of this course is to introduce veterinary nurses to exotics in practice. The emphasis will be placed on examination and handling techniques as well as essentials of anaesthesia, imaging techniques, and making the veterinary visit as stress-free as possible for pets. This will enable exotics and small mammals to be incorporated into any small animal practice with standard facilities

WEEK 1 THE RABBIT CONSULTATION

Handling, examination and history taking

Preventative care

Making your clinic rabbit friendly

LEARNING OBJECTIVES

Appreciate the importance of stress reduction in rabbits, including during hospitalisation and examination

Understand essentials of preventive care of rabbits

Understand handling and therapeutic techniques in rabbits

WEEK 2 ANAESTHESIA OF SMALL FURRIES

Basic anaesthesia

Reducing stress around anaesthesia

LEARNING OBJECTIVES

Describe a holistic approach to stress reduction in the peri-anaesthetic period to improve anaesthetic success rates

Prepare a patient for anaesthesia

Understand how to provide airway support for rabbits

WEEK 3 EXAMINATION OF PARROTS

Handling and examination of parrots

Basic husbandry of parrots

Routine grooming techniques

LEARNING OBJECTIVES

Achieve safe handling techniques for parrots

Understand the basic husbandry of pet parrots and how this relates to disease

Appreciate and apply the techniques of beak, nail and wing trimming and understand how issues with these adnexa may reflect systemic disease

WEEK 4 AVIAN ANAESTHESIA AND IMAGING

Basic anaesthesia techniques

Introduction to avian radiography and ultrasound

LEARNING OBJECTIVES

Appreciate basic anaesthetic techniques, including induction and intubation, to improve anaesthetic success rates

Take a well-positioned radiograph and interpret the image

Understand the indications for ultrasonography in birds

WEEK 5 REPTILE EXAMINATION TECHNIQUES

Handling

Examination techniques

History taking, including the husbandry review

LEARNING OBJECTIVES

Achieve safe handling techniques of reptiles – snakes, lizards and chelonians

Perform a basic examination of these species

Appreciate the role of husbandry in reptile disease and how to conduct a full husbandry review

WEEK 6 REPTILE ANAESTHESIA, IMAGING AND HOSPITALISATION

Basic anaesthesia techniques

Introduction to reptile radiography and ultrasound

Hospitalisation requirements for reptile species

LEARNING OBJECTIVES

Appreciate basic anaesthetic techniques, including the importance of ventilation and when to use it

Take a well-positioned radiograph

Perform ultrasonography in reptiles

Understand the hospitalisation needs of reptile species



APPROACH TO THE PATIENT WITH GASTROINTESTINAL DISEASE

SPEAKERS **NICOLA READ** DIPAVN (MEDICAL),
PGCERT VETERINARY ONCOLOGY, AFHEA, RVN

GINA PARKES DIPAVN (SMALL ANIMAL),
AFHEA, RVN

STARTS **23RD OCTOBER 2023 & 21ST OCTOBER 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

In recent years there has been a marked interest in identifying the causes of gastrointestinal disease in companion animals; the path to diagnosis has progressed with the identification of serological biomarkers and more access to endoscopy within general practice. Novel protein diets have been developed by veterinary food companies resulting in a positive effect on outcome in combination with pharmaceuticals for some animals.

The veterinary nurse plays a key role investigation, treatment and client support for these often, chronic cases. Having an enhanced level of knowledge on the pathophysiology and treatment options, together with a firm understanding of the diagnostic process is paramount to patient recovery.

After completing this 6 week online course, the participants will have a greater knowledge and understanding of the basic principles of gastrointestinal disease which they can apply regularly in practice

WEEK 1 DISEASES OF THE UPPER GASTROINTESTINAL TRACT

Upper gastrointestinal tract (UGIT) anatomy refresher

UGIT hereditary and acquired abnormalities

Investigation of vomiting and regurgitation

Sedation and general anaesthesia considerations

LEARNING OBJECTIVES

List the main structures of the UGIT

Describe the normal function and processes of the UGIT

Identify the difference between vomiting and regurgitation and the common causes

Understand the diagnostic approach to patients with UGIT symptoms

Explain the reasons why patients with UGIT disease are higher risk for investigative procedures

Evaluate current methods used in practice to sedate patients with UGIT disease and analyse if modifications to practice would be beneficial

WEEK 2 DISEASES OF THE LOWER GASTROINTESTINAL TRACT

Lower gastrointestinal tract (LGIT) anatomy refresher

LGIT pathophysiology

Mechanisms and classification of diarrhoea

Investigative process for LGIT symptoms

Patient preparation for GI endoscopy

Supportive treatment for patients with LGIT

LEARNING OBJECTIVES

List the main structures of the LGIT

Describe the normal function and processes of the LGIT

Differentiate diarrhoea types and common causes

Understand the diagnostic approach to patients with LGIT symptoms

Evaluate current care plans used in practice to prepare patients for endoscopy and analyse if modifications to practice would be beneficial

Summarise the key therapeutic treatments for patients with LGIT

WEEK 3 GASTROINTESTINAL ENDOSCOPY

Anatomy and functions of the gastroscope

Cleaning and sterilising procedures

Endoscopy sourcing, storage, and auditing

LEARNING OBJECTIVES

Label the main components

and list the functions of a gastroscope

Explain the bedside procedure for cleaning and then sterilising the gastroscope

Select the correct biopsy tools and materials for optimal sampling and histological value

Evaluate practice protocols to standardise in line with current best practice

WEEK 4 INTERVENTIONAL ENDOSCOPY

Foreign body removal

Balloon dilatation

Injection of steroids and anti-inflammatory medications

Endoscopically placed feeding tubes

LEARNING OBJECTIVES

List the various interventional uses of gastrointestinal endoscopy

Select the correct forcep tool for foreign body retrieval

Describe the ballooning technique use for oesophageal strictures

Explain the indications, risks and technique for placing a PEG tube

WEEK 5 NURSING PATIENTS WITH GASTROINTESTINAL DISEASE

Nursing basics and care plans

Pain and emesis management

Oesophageal tube placement

Assisted feeding methods

LEARNING OBJECTIVES

List the essential care requirements for nursing patients with GI disease

Identify symptoms of pain and nausea

Compare patient assessment tools to monitor status and benchmark interventional treatment

Calculate energy requirements and feeding volumes for tube feeds

WEEK 6 ENTEROPATHY THERAPEUTICS AND NUTRITION

Terminology of diseases

Pathways and mechanisms of enteropathies

Medications and therapies

EBVM current information

Dietary needs

LEARNING OBJECTIVES

Differentiate between terms associated with chronic enteropathies

Analyse the treatments allocated to different types of enteropathy

Refer to updated resources and guidelines to further inform their knowledge and subsequently refer to it at a later date

Explain what a diet trial is

List the types of dietary allergen there are

COMMON EMERGENCY PATIENT PRESENTATIONS – A FEW MORE!

SPEAKER KATH HOWIE
VTS(ECC), RVN

STARTS 30TH OCTOBER 2023 & 28TH OCTOBER 2024

CPD 4 WEEKS / 10 HOURS

COST £205 +VAT

LEVEL INTERMEDIATE

WEEK 1 TRAUMATIC BRAIN INJURY (TBI)

Traumatic brain injury is a relatively common emergency presentation following road traffic accidents or other traumatic episodes. There are several priorities to consider when nursing these patients, which are vital to support their recovery. We will discuss the initial approach to these patients including the use of mannitol and hypertonic saline, along with analgesia and specific nursing techniques that minimise intra-cranial pressure. Use of the Glasgow Coma Scale is very helpful in these patients and should be part of our toolbox. Ongoing patient care beyond the first 24 hours will be discussed, including options for nutritional support and continued management.

LEARNING OBJECTIVES

- Determine the difference between a patient with TBI compared to those with facial trauma or altered mentation for another reason
- Understand the difference between primary and secondary brain injury
- Appreciate the interventions that will make these patients worse and how to mitigate that risk
- Confidently conduct a neurological assessment to complete the Glasgow Coma Scale assessment
- Understand the ongoing problems these patients may encounter and how to resolve them



WEEK 2 HEAT STROKE

Despite several media campaigns, we continue to see patients presenting with heat stroke every year. The nursing team are vital to the recovery and ongoing management of these patients and rapid recognition at triage can lead to improved outcomes. We will look at methods for cooling these patients, the issues we may encounter with them on presentation but also the potential for complications such as Systemic Inflammatory Response Syndrome (SIRS) and Disseminated Intravascular Coagulation (DIC).

LEARNING OBJECTIVES

- Determine the difference between heat stroke, heat stress and pyrexia
- Understand the priorities for treatment of these patients
- Discuss effective cooling methods by reviewing the evidence bases available
- Understand the complications associated with heat stroke including development of SIRS and DIC

WEEK 3 COMMON INTOXICATIONS

Intoxication is a common emergency presentation and the range of toxins our patients can encounter in the environment and the home is very variable. We will look at the toxins that are most encountered and how we need to approach and address these including nephrotoxins and CNS toxins. We will look at treatment considerations including the use of intravenous lipid emulsion and the evidence supporting its use. Ongoing patient management and monitoring will be discussed in detail.

LEARNING OBJECTIVES

- Understand the approach to the intoxicated patient and our priorities
- Explain how intravenous lipid emulsion works and which patients it may be suitable for
- Provide nursing care for the patient requiring prolonged sedation or anaesthesia due to intoxication
- Effectively monitor the patient depending upon the toxin that has been ingested

WEEK 4 BOAS CRISES

We see an increasing number of brachycephalic patients presenting in respiratory distress. It is vital we are confident at managing these patients from initial admission to stabilisation and ongoing management. We will discuss the anatomy that leads to airway obstruction and the priorities when we are faced with a patient in a BOAS crisis. When to anaesthetise and intubate is a vital consideration as well as when we might consider placing a tracheostomy tube.

LEARNING OBJECTIVES

- Understand the conformation issues and environmental factors that may lead to a BOAS crisis
- Identify other complications associated with the syndrome and explain how to manage them, including regurgitation and hiatal hernia
- Confidently manage a tracheostomy tube patient and understand the indications for placement
- Understand how to manage and nurse a patient that needs ventilatory support



NUTRITION FOR CHALLENGING CASES

NEW

SPEAKER **GEORGIA WOODS-LEE**
BSC (HONS), RVN, CERT CFVHNUT, VTS (NUTRITION)

STARTS **4TH NOVEMBER 2024**

CPD **6 WEEKS / 15 HOURS**

COST **£255 +VAT**

LEVEL **INTERMEDIATE**

WEEK 1 PREPARING TO FEED PATIENTS WITHIN THE VETERINARY HOSPITAL

This week aims to identify the key pieces of information required from the pet owner, in order to give their pets the best chance of voluntarily consuming food whilst in the veterinary hospital.

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Identify which information is vital to collect from the pet owner

Appreciate the who, how and when of information collection

Understand how to create the ideal eating environment for your patients

Understand all aspects of the hospital food kitchen



WEEK 2 HOSPITAL NUTRITION

Every effort should be made to get patients eating on their own. Choosing appropriate foods and timings will largely depend on the results of the nutritional assessment. Patients may not eat well whilst they are in the hospital, for a wide range of reasons, and nutritional support may be required; firstly we tempt them to eat and if unsuccessful, look at other methods of assisted feeding.

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand how to feed appetent patients:

Communicate the nutrition plan

Select appropriate foods and feeding times

Offer a tailored approach to each individual patient

Understand how to feed inappetent patients:

Appreciate the available options

Identify environmental adaptations

Offer assisted feeding

WEEK 3 CRITICAL CARE NUTRITION

Despite all efforts some patients may be either too unwell or unwilling to voluntarily consume any food whilst in the hospital, and assistance in the form of feeding tubes will be required.

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand the process of feeding tube selection

Provide maintenance and care of feeding tubes

Confidently calculate nutritional requirements and food quantities

WEEK 4 DIABETIC PATIENTS

A diagnosis of diabetes can be very worrying and overwhelming for pet owners with many elements to consider. Nutrition plays a vital role in the management of both cats and dogs with diabetes. As the type of diabetes frequently seen in dogs and cats differ, a disease specific recommendation will be required.

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Implement stable feeding routines for diabetic dogs

Describe the ideal food composition for diabetic cats

Understand how to manage concurrent obesity

WEEK 5 MULTIPLE CONCURRENT CONDITIONS AND DIFFICULT DECISIONS

As with many things in life, challenges rarely occur alone. Patients often present us with dietary dilemmas

and decision making can be difficult. However, by knowing what to prioritise, where to compromise and where to go for help, a suitable nutritional solution can be found for all.

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Understand nutritional concerns in cancer patients

Explain nutritional care for end of life patients

Provide nutritional advice for patients with concurrent diseases

Understand what to do when no suitable diet exists

List sources of additional nutritional information

WEEK 6 CLIENT COMMUNICATION

Although much is known about providing nutrition in many different circumstances, excellent client communication is a key part of dietary plan implementation. Getting communication right means your recommendation is more likely to be followed, clients know who to trust and who they should talk to if problems arise. This is an excellent way to demonstrate the high level of care you are providing to their beloved pet.

LEARNING OBJECTIVES

After completion of this week, participants should be able to:

Create the right environment for discussions

Gauge readiness of the client to discuss their pet's diet

Approach information gathering to maximise responses

Understand what to do if the owner is feeding a non-standard diet

Make clear recommendations and manage expectations

Monitor and make adjustments to the nutrition plan



THE NURSE'S ROLE IN MANAGING CHRONIC FELINE DISEASES

SPEAKER **SUZANNE RUDD**
DIPAVN (MEDICAL), RVN

STARTS **13TH NOVEMBER 2023 & 11TH NOVEMBER 2024**

CPD **4 WEEKS / 10 HOURS**

COST **£205 +VAT**

LEVEL **INTRODUCTION / INTERMEDIATE**

WEEK 1 **THE NURSE'S** **ROLE IN MEDICAL** **CLINICS – WHEN,** **WHY AND HOW?**

Why set up a monitoring clinic?

How to set up a monitoring clinic

Equipment needed for a monitoring clinic

LEARNING OBJECTIVES

Understand the importance of nurses being involved in the long term monitoring of cats with medical diseases

Visualise how they would be able to set up this type of clinic in their own practice

Revise and explain common chronic feline disease and become up to date with the latest evidence

WEEK 2 **MANAGING** **CHRONIC** **KIDNEY DISEASE**

What is CKD?

What effects does CKD have on the body?

How to monitor CKD

Treatment aims for CKD

IRIS staging

LEARNING OBJECTIVES

Understand the pathophysiology of CKD

Identify parameters used to monitor the CKD patient

Understand the IRIS staging scheme

Understand what treatments are appropriate at which stage of disease

Use evidence based medicine to help educate your clients

WEEK 3 **MANAGING** **DIABETES** **MELLITUS**

What is diabetes mellitus?

How to monitor diabetes mellitus

Treatment aims for diabetes mellitus

Owner support for cats with diabetes mellitus

LEARNING OBJECTIVES

Understand the pathophysiology of diabetes mellitus

Understand the difference between cats and dogs with diabetes mellitus

Understand how to monitor diabetes mellitus and the importance of blood glucose curves

Understand what treatments are available for diabetes mellitus

Counsel owners of cats with diabetes mellitus

WEEK 4 **MANAGING** **DEGENERATIVE** **JOINT DISEASE**

How prevalent is DJD in cats?

How to assess cats for DJD

Treatments for DJD

How to engage owners in the treatment and monitoring of DJD

LEARNING OBJECTIVES

Understand the prevalence of DJD in cats and use that information in the nursing treatment and handling of the cat

Assess cats using a variety of methods both in the clinic and at home for DJD

Understand the different treatments available for DJD

Educate owners about the treatments and how the owner can assess the cat to improve compliance



ONLINE COURSES WITH EXCEL CPD

TUTORED CPD

Fully tutored, interactive and flexible, with tutor led learning support

Four week courses provide 10 hours of CPD and costs £205 +VAT, six week courses provide 15 hours of CPD and cost £255 +VAT

Weekly lessons and tasks, provided in various different formats, including tutorials, written tasks, case studies, forum discussions and quizzes

Access to the course material 24/7

Additional two weeks of untutored 'catch up time' after the course officially ends, to continue to earn your full CPD hours

Unlimited lifetime access to the learning materials for future reference

Fit this CPD around your other commitments – learn only when it suits you!

FLEXI CPD

Delegate led online CPD with ultimate flexibility

Each course provides 8 hours of CPD for just £155 +VAT – split into 4 modules, each consisting of a tutorial, further reading and a quiz

Immediate and unlimited lifetime access to the whole course

NO START DATES

NO DEADLINES

NO WAITING FOR WEEKLY LESSONS TO BE RELEASED

COMPLETELY FLEXIBLE – COMPLETE THE COURSE IN ONE DAY OR DIP IN AND OUT FOR A MONTH – IT'S UP TO YOU!

SEE LATEST FLEXI CPD COURSES OPPOSITE

ECPD TUTORIALS AND CASE STUDIES

We also have over 200 hours of eCPD tutorials and case studies available for immediate viewing

30 minute courses cost £10 +VAT and 60 minute courses cost £20 +VAT

Immediate and unlimited lifetime access

All archived tutorials (pre 2018) are half price

LATEST eCPD COURSES:

- FIP – An Update
- Nursing the Blocked Bladder
- Cherry Eye (case study)
- Hepatic Disease
- ECGs
- Feline Blood Transfusions

SPECIAL OFFERS AND DISCOUNTS

Book any tutored course and receive a FREE box of mini treats when the course starts PLUS a free 48 hour taster membership to eCPD tutorials!

PRACTICE DISCOUNT OF 25% WHEN BOOKING 5 OR MORE TUTORED CPD COURSES

We also have monthly and annual passes, direct debit memberships, bundle offers and practice discounts available

eCPD ONE MONTH ACCESS PASS – 'One off monthly pass to all eCPD tutorials and case studies for £50 +VAT/person'

eCPD ONE YEAR ACCESS PASS – 'Annual pass to all eCPD tutorials and case studies for £300 +VAT/person'

eCPD MONTHLY MEMBERSHIP – 'Monthly subscription to all eCPD tutorials and case studies £20 +VAT/month/person by direct debit'

EXCEL MONTHLY MEMBERSHIP – 'Monthly subscription to all eCPD tutorials and case studies, plus ONE tutored course and ONE flexi course each month for £100 +VAT/month/person by direct debit'

For further information and to book your place visit:

www.excelcpd.co.uk