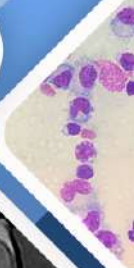
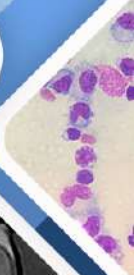




# ONLINE POSGRADUATE COURSE ON SMALL ANIMAL CLINICAL NEUROLOGY

From October 23, 2023  
to July 24, 2024





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## 100% ONLINE METHODOLOGY

1. Synchronous and asynchronous (Live Lectures 90%, 10% pre-recorded).
2. All lectures are of 50-60 min with 10-20 minutes of Q&A with the speaker.
3. Lectures are recorded and remain in the platform up to 1 month after the last class of the course (August 30 of 2024 for this course).
4. Lectures Time are as follows:
  - a. 20:00 hrs CET for european speakers
  - b. 19:00 to 21:00 hrs for PST for Latin American speakers.
5. Articles and reading material on PDF format and books will be provided for download from the platform (Time spent for autonomous learning).
6. The Certification will be delivered with 80% of attendance either live or deferred classes. Participants can check the lectures once they finish watching on the platform.
7. Access to certification of assistance (CONCERVET and VetCam Specialists accreditation) is covered by the registration fees.
8. Participants will be able to access a university certification covering the extra fees (Not covered by registration fees) and approving an exam for each module and a final exam to obtain this certification.
9. Hourly Intensity
  - a) Number of hours directly with teachers: 73
  - b) Number of hours of autonomous work: 73

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## MODULE 1. NEUROANATOMY AND NEUROPHYSIOLOGY



**23 OCT 2023 - 20:00 CET**  
Applied anatomy of the brain  
**VICENTE AIGE**



**25 OCT 2023 - 20:00 CET**  
Applied anatomy of the spinal cord  
**VICENTE AIGE**



**30 OCT 2023 - 20:00 CET**  
Neurovascular anatomy of the brain and spinal cord  
**VICENTE AIGE**



**06 NOV 2023 - 19:00 UTC-5**  
Basic Neurophysiology of the nervous system  
**FERNANDO PELLEGRINO**

## MODULE 2. CLINIC APPROACH AND NEUROLOCALIZATION



**08 NOV 2023 - 20:00 CET**  
The neurologic examination  
**CARLOS ROS**



**13 NOV 2023 - 20:00 CET**  
Neurolocalization 1 (Brain)  
**CARLOS ROS**



**15 NOV 2023 - 20:00 CET**  
Neurolocalization 2 (Spinal cord)  
**CRISTINA FONT**



**20 NOV 2023 - 20:00 CET**  
Neurolocalization 3 (PNS)  
**STEVEN DE DECKER**

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## MODULE 3. ELECTRODIAGNOSTIC



**22 NOV 2023 - 20:00 UTC-5**  
Clinical application of EEG  
**GIBRANN CASTILLO**



**27 NOV 2023 - 20:00 CET**  
Clinical application of Electromyography  
**HÉLÈNE VANDENBERGHE**



**29 NOV 2023 - 20:00 CET**  
Nerve conduction velocities  
**NICOLAS GRANGER**



**04 DIC 2023 - 20:00 CET**  
Special tests (F-Wave, H-Reflex, Repetitive nerve stimulation test)  
**HÉLÈNE VANDENBERGHE**



**11 DIC 2023 - 20:00 CET**  
Clinical cases EMG  
**NICOLAS GRANGER**



**11 DIC 2023 - 20:00 UTC-5**  
Evoked Potentials  
**FERNANDO PELLEGRINO**

## MODULE 4. NEUROIMAGING



**13 DIC 2023 - 20:00 CET**  
Spine X-Ray and contrast X-Ray  
**CARLOS ROS**



**15 ENE 2024 - 20:00 UTC-5**  
MRI 1 technical principles and sequences  
**ANGELES VAZQUEZ**



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**17 ENE 2024 - 18:00 UTC-5**  
Brain and spine MRI Anatomy  
**WILFRED MAI**



**22 ENE 2024 - 20:00 CET**  
MRI 2 Brain  
**MARTIN KONAR**



**24 ENE 2024 - 18:00 UTC-5**  
MRI 3 Spinal cord  
**WILFRED MAI**



**29 ENE 2024 - 20:00 CET**  
Brain and spine CT Anatomy  
**RAQUEL SALGUERO**



**31 ENE 2024 - 20:00 CET**  
Skull-Brain CT  
**SILKE HECHT**



**05 FEB 2024 - 20:00 CET**  
Spine-Spinal cord CT  
**RAQUEL SALGUERO**



**07 FEB 2024 - 20:00 CET**  
Diagnostic imaging of IVDD  
**SILKE HECHT**

## **MODULE 5.** **SUPPLEMENTARY TESTS**



**12 FEB 2024 - 20:00 CET**  
CSF obtain and analysis  
**CARLOS ROS**



**14 FEB 2024 - 20:00 CET**  
Introduction to Neuropathology  
**RAGNAR SCHAMAL**



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**19 FEB 2024 - 20:00 CET**  
Workout test for  
neurological patients  
**ELSA BELTRAN**



**21 FEB 2024 - 20:00 CET**  
Genetic tests in neurological diseases  
**PAUL MANDIGERS**

## **MODULE 6. ENCEPHALOPATHIES**



**26 FEB 2024 - 20:00 CET**  
Degenerative encephalopathies  
(Mitochondriopathies, storage diseases)  
**PAUL MANDIGERS**



**28 FEB 2024 - 20:00 CET**  
Infectious vs non infectious inflammatory  
diseases of the brain in Canines  
**ANDREA TIPOLD**



**04 MAR 2024 - 20:00 CET**  
Inflammatory vs infectious encephalopathies in cats  
**FLOR DESSAL MARINO**



**06 MAR 2024 - 20:00 UTC-5**  
Metabolic and nutritional encephalopathies  
**FRANCESCA SAMARANI**



**11 MAR 2024 - 20:00 CET**  
Vascular Encephalopathies  
**JASMIN NESSLER**



**13 MAR 2024 - 20:00 UTC-5**  
Cranio-encephalic Neoplasms  
**PETER DICKINSON**

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**18 MAR 2024 - 20:00 UTC-5**  
Cerebellar diseases  
**FRANCESCA SAMARANI**

## **MODULE 7.** **EPILEPSY AND DYSKINESIA**



**20 MAR 2024 - 20:00 CET**  
Epileptogenesis and classification of epilepsy  
**DAISUKE HASEGAWA**



**25 MAR 2024 - 20:00 CET**  
Diagnostic approach to the epileptic patient  
**DAISUKE HASEGAWA**



**27 MAR 2024 - 20:00 CET**  
Epileptic patient treatment  
**MARIO CHAROLUMBUS**



**01 ABR 2024 - 20:00 CET**  
Movement disorders, diagnosis and treatment  
**PAUL MANDIGERS**

## **MODULE 8.** **MYELOPATHIES**



**03 ABR 2024 - 20:00 CET**  
IVDD 1 pathophysiology and classification  
**PAUL FREEMAN**



**08 ABR 2024 - 20:00 CET**  
IVDD 2 Diagnostic approach and treatment  
**PAUL FREEMAN**



**15 ABR 2024 - 20:00 CET**  
Ischemic and hemorrhagic myelopathies  
**ANE URIARTE**

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**17 ABR 2024 - 20:00 CET**  
Inflammatory vs. infectious myelopathies  
**STEVEN DE DECKER**



**22 ABR 2024 - 20:00 UTC-5**  
Spinal Cord and PN neoplasms  
**PETER DICKINSON**



**24 ABR 2024 - 20:00 CET**  
Congenital diseases of the spine  
and spinal cord  
**STEVEN DE DECKER**

## **MODULE 9. NEUROMUSCULAR**



**24 ABR 2024 - 20:00 UTC-5**  
Peripheral Nerve diseases  
**ALEJANDRA MONDINO**



**29 ABR 2024 - 20:00 CET**  
Neuromuscular Junction diseases  
**AN VANHAESEBROUCK**



**06 MAY 2024 - 20:00 CET**  
Myopathies in canines and felines  
**AN VANHAESEBROUCK**



**08 MAY 2024 - 20:00 CET**  
Diagnostic approach to fasciculations,  
myokymia, tetanus and cramps  
**AN VANHAESEBROUCK**



**08 MAY 2024 - 20:00 UTC-5**  
Neuromuscular acute paresis/paralysis  
**FRANCESCA SAMARANI**



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## MODULE 10. NEUROSURGERY



**13 MAY 2024 - 20:00 CET**

Anesthesia in neurosurgery and pain management  
**DIEGO RODRIGO MOCHOLI**



**15 MAY 2024 - 20:00 UTC-5**

Hemilaminectomy, mini-hemilaminectomy,  
pediclectomy and foraminotomy  
**RAUL LEYVA**



**20 MAY 2024 - 20:00 CET**

Cervical surgery (ventral slot, hemilaminectomy, CSM)  
**ISIDRO MATEO**



**22 MAY 2024 - 20:00 CET**

Vertebral luxofractures/subluxations  
(AA/TL and LS)  
**ISIDRO MATEO**



**23 MAY 2024 - 20:00 UTC-5**

Lumbosacral surgery  
(Laminectomy and foraminotomy)  
**RICHARD FILGUEIRAS**



**27 MAY 2024 - 20:00 CET**

Craniotomy/craniectomy. Conventional approaches  
**FRANCK FORTERRE**



**29 MAY 2024 - 20:00 UTC-5**

Neurointensive: Immediate post-surgical management  
**DAVID ALZATE**



**03 JUN 2024 - 20:00 UTC-5**

Neurological patient rehabilitation  
**FLAVIA GARDILIN**

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## MODULE 11. EMERGENCIES AND NEUROINTENSIVE



**05 JUN 2024 - 20:00 CET**  
Traumatic brain injury  
**PAUL FREEMAN**



**10 JUN 2024 - 20:00 CET**  
Acute spinal injury  
**PAUL FREEMAN**



**12 JUN 2024 - 20:00 CET**  
Epileptic status  
**MARIO CHAROLOMBUS**



**17 JUN 2024 - 20:00 UTC-5**  
Poisoning  
**RICARDO CORREA**



**19 JUN 2024 - 20:00 UTC-5**  
ICU management of the patient in neurological emergency  
**TO CONFIRM**

## MODULE 12. OTHER DISEASES



**24 JUN 2024 - 20:00 CET**  
Vestibular vs. Cerebellar syndrome  
**PAUL FREEMAN**



**26 JUN 2024 - 20:00 UTC-5**  
Sleep disorders  
**ALEJANDRA MONDINO**



**01 JUL 2024 - 20:00 UTC-5**  
Cognitive dysfunction syndrome  
**ALEJANDRA MONDINO**

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**03 JUL 2024 - 20:00 CET**  
Neuro Ophthalmology  
**IRENE ESPADAS**



**08 JUL 2024 - 20:00 CET**  
Cranial nerve diseases  
**IRENE ESPADAS**



**10 JUL 2024 - 20:00 CET**  
Lumbosacral syndrome  
**ANE URIARTE**

## **MODULE 13.** **COMPLEMENTARY THERAPIES**



**15 JUL 2024 - 20:00 UTC-5**  
Use of cannabis in the neurological patient  
**TO CONFIRM**



**17 JUL 2024 - 19:00 UTC-5**  
Ozone therapy in the neurological patient  
**ROBERTO SIQUEIRO**



**22 JUL 2024 18:00hrs Col**  
Acupuncture  
**FLAVIA GARDILIN**



**24 JUL 2024 - 20:00 CET**  
Regenerative therapy  
**JON PRAGER**