



UNISVET

Executive Master in

**VETERINARY**   
**OPHTHALMOLOGY**  
**2020|22**



Language: English  
Spazio Eventi Unisvet, Milano

Scientific Director

**Rick F. Sanchez**

BScBiol, DVM, CertVOphthal, Dipl. ECVO, FHEA

This Executive Master has been approved by the **Nordic Eye Panel** for the educational pre-requisites of Nordic Eye Panel aspirants.



## Executive Master in Veterinary Ophthalmology 2020/21

Unisvet **Executive Master in Veterinary Ophthalmology** offers practitioners eager to improve their understanding of ophthalmic cases the skills necessary to interpret the findings of an ophthalmic exam and confidently make a list differential diagnosis. It also offers the knowledge base necessary to discuss with pet-owners further diagnostics and the possible treatment options, including referral, when appropriate.

Ophthalmology is a challenging science and speaking about it to pet owners as a knowledgeable primary care practitioner is very difficult unless you have a solid grasp of the subject matter from a variety of angles.

The **AIM** of this course is to offer you a wide overview that starts with the anatomy of the eye and expands to include the interpretation of a clinical presentation and a variety of available treatments of eye problems.

The **GOAL** is to prepare you to confidently receive eye problems in primary care practice without anxiety or fear

The course instructors are composed of **internationally recognized** experts in veterinary ophthalmology and related veterinary sciences. They have come together through the Executive Master's program at Unisvet to offer a world-class experience.

The Executive Master in Veterinary Ophthalmology is composed of a thorough and intensive program divided into **6 modules**, each lasting 1 week (5 days), spread over a **2-year period**. The first module of the Executive Master will be delivered **online on-demand**.

This master is mainly theoretical with a focus on practical ophthalmology, and it has the added advantage that it offers **hand-on training** on selected aspects of the ophthalmic exam, microscopy of ocular diseases, and selected adnexal surgeries (e.g. selected eyelid surgeries, selected treatment of SCCEDs and enucleation surgery) with an entry level on corneal work for those with an interest in understanding certain aspects of microsurgery.



## Executive Master in Veterinary Ophthalmology 2020/21

The course is designed in a **step-by-step approach**.

First, it presents all the clinically relevant aspects of anatomy and physiology of the eye, as well as the clinically important parts of ocular embryology, and the ocular diseases of the embryonic and developmental stages. It goes on to discuss the clinically relevant aspects of anesthesia, pharmacology and ocular immunology.

The student then dedicates time to understanding the ophthalmic exam including what is biomicroscopy, ophthalmoscopy, funduscopy, tonometry, gonioscopy and imaging of the eye used for, before embarking on a deep exploration of the diseases of the eye and their treatment, from the orbit, eyelids, third eyelid and cornea, to the uvea, lens and retina.

The course also offers the student the opportunity to understand ophthalmic diseases from a microscopic point of view and to discuss how to find, interpret and apply the new findings (e.g. diagnostics, diagnosis and treatments) that he/she will encounter over a lifetime in the veterinary literature.

The course offers **practical advice** to best inform the owner when it is time to consider treatment Vs. referral, and practical experience in key aspects of ophthalmology (e.g. the ophthalmic exam, microscopy, literature analysis, and selected adnexal and selected corneal surgery), which comprises about 20% of the course.

**Dr. Rick Sanchez**  
BSciBiol, DVM, Dipl. ECVO, FHEA  
*Scientific Director*



## **MODULE 1**

**ONLINE**

## **MODULE 2**

**8<sup>TH</sup> - 12<sup>TH</sup> MARCH 2021**

**ONLINE LIVE LESSONS**

## **MODULE 3**

**14<sup>TH</sup> - 18<sup>TH</sup> JUNE 2021**

**ONLINE LIVE LESSONS**

## **MODULE 4**

**20<sup>TH</sup> - 24<sup>TH</sup> SEPTEMBER 2021**

**ONLINE LIVE LESSONS**

## **MODULE 5**

**8<sup>TH</sup> - 12<sup>TH</sup> NOVEMBER 2021**

## **MODULE 6**

**14<sup>TH</sup> - 18<sup>TH</sup> MARCH 2022**





# SPEAKERS

**Dr. Eva Abarca** DVM, Dipl. ACVO

**Dr. Elsa Beltran** DVM, Dipl. ECVN, PGDipVetEd, FHEA, MRCVS

**Dr. Susanne Boroffka** DVM, PhD, Dipl. ECVDI

**Prof. David Brodbelt** MA, VetMB, PhD, DVA, Dipl. ECVAA, MRCVS

**Dr. Richard Everson** BSc(Hons), DVM, Dipl. ECVO, MRCVS, RCVS

**Prof. Björn Ekestén** DVM, PhD, Dipl. ECVO

**Dr. David Gould** BSc(Hons), BVM&S, PhD, DVOphthal, Dipl. ECVO, FRCVS

**Dr. Guy Grinwis** DVM, PhD

**Dr. Gert ter Haar** DVM, PhD, Dipl. ECVS

**Dr. Marta Leiva** DVM, PhD, Dipl. ECVO

**Dr. Chiara Leo** DVM, MSc, FHEA, Dipl. ACVIM (Oncology), Dipl. ECVIM-CA (Oncology)

**Dr. Robert Lowe** BVSc, DVOphthal, MRCVS, RCVS Diplomate in Veterinary Ophthalmology

**Prof. Ron Ofri** DVM, PhD, Dipl. ECVO

**Dr. Antonella Rampazzo** DVM, PhD, Dipl. ECVO

**Dr. Rick F. Sanchez** BScBiol, DVM, CertVOphthal, Dipl. ECVO, FHEA

**Dr. Chris Seymour** MA, VetMB, DVA, Dipl. ECVAA, PGCert(MedEd), FHEA, MRCVS

**Dr. Christine Watté** DVM, CertVOphthal, Dipl. ECVO

**Dr. David Williams** MA, VetMB, PhD, CertVOphthal, CertWEL, FHEA, FRCVS



## Module 1 ONLINE

### Anatomy and Physiology I Rick F. Sanchez and Richard Everson

#### LECTURES

- The orbit - R. F. Sanchez
- The extraocular muscles - R. F. Sanchez
- Eyelids, Lacrimal and Nasolacrimal (NSL) system - R. F. Sanchez
- The globe and its components, the ophthalmic vasculature and lens- R. F. Sanchez
- The cornea and sclera - R. F. Sanchez
- The uvea: iris and CB, their epithelia, musculature, processes and vasculature - R. Everson

### Anatomy and Physiology II, Embryology Rick F. Sanchez and Richard Everson

#### LECTURES

- AH dynamics and the ICA (AH formation and outflow, and what affects them; the pectinate ligament, CS and US-meshworks and angular aqueous plexus) - R. Everson
- The choroid and Vitreous - R. Everson
- The retina and optic nerve I - R. Everson
- Retina and optic nerve II - R. Everson
- “Round-up session” on all the essentials of anatomy and physiology - R. Everson
- Embryology and congenital malformations I - R. F. Sanchez
- Embryology and congenital malformations II - R. F. Sanchez

# Pharmacology

Eva Abarca

## LECTURES

- Ocular pharmacokinetics, pharmacodynamics. Concepts: route of administration (from topical to periocular/intravitreal). Tissue penetration/preservatives. Ant vs post segment. Ocular barrier
- Sustained and sustained-release ocular drug delivery systems
- Anti-infectious drugs PART I: antibiotics
- Anti-infectious drugs PART II: antivirals, antifungal
- Pharmacology of Glaucoma
- Anti-inflammatories: NSAIDS, Glucocorticosteroids, immunosuppressant drugs
- Miotics/mydriatic cycloplegics/ Ocular antiseptics/ Antimetabolites (5FU, MMC)

## Ocular Immunology; Evidence Based Medicine

David Brodbelt and Christine Wattè

## LECTURES

- General principles of immunology - C. Wattè
- Defense mechanisms of tears and ocular surface - C. Wattè
- Immune Privilege of the cornea - C. Wattè
- Ocular Immune Privilege, Anterior Chamber Associated Immune Deviation (ACAID), and their therapeutic potential - C. Wattè
- A dysregulated immune system: clinical diseases - C. Wattè
- Introduction to Evidence based Veterinary Medicine - D. Brodbelt

# Writing and Interpreting Veterinary Literature

David Brodbelt

## LECTURES

- Introduction to study design - Observational studies
- Introduction to study design - Intervention studies and Critical paper review approaches
- Overview of study conduct
- Interpreting data, basics of statistical analysis
- Interpreting data - statistical inference and approaches

Friday 11<sup>th</sup> December 2020 from 10 am to 1 pm (CET)

LIVE SESSION WITH...

David Brodbelt

## LECTURES

- Directed Learning Session 1 - Searching for Evidence
- Directed learning exercise 2 - Critical paper review
- Directed learning exercise 3- Statistical planning and approaches exercise

## IMPORTANT INFORMATION:

Lessons will be available online on-demand H24 on [www.vetlearning.unisvet.it](http://www.vetlearning.unisvet.it)  
You will receive an email with a direct link to view the lessons as soon as they are available.

### DO YOU HAVE ANY DOUBTS OR QUESTIONS?

After completing the online video-lessons viewing, send us via e-mail a list of questions you want to ask the speakers.

Each of them will be glad to clarify any doubts and respond to your queries in a few days, which will be gathered and put together in a list of FAQs that we'll send to all of you.





**Module 2**  
MARCH, 8<sup>TH</sup>-12<sup>TH</sup> 2021  
ONLINE LIVE LESSONS

**Monday 8<sup>th</sup> March 2021**  
**Ophthalmic Examination**

**David Gould and Rick F. Sanchez**

<b>TIME</b>	<b>LECTURES</b>
08.30 - 09.00	Access to the platform
09.00 - 09.45	Preparation of the ophthalmic exam and exam instruments R. F. Sanchez
10.00 - 10.45	Patient observation, vision, corneal dyes, tear readings and tonometry - R. F. Sanchez
11.00 - 11.30	Coffee break
11.30 - 12.15	Slit lamp biomicroscopy - D. Gould
12.30 - 13.15	Direct and indirect ophthalmoscopy - R. F. Sanchez
13.30 - 14.30	Lunch
14.30 - 15.15	Interpretation of the fundus - R. F. Sanchez
15.30 - 16.00	Coffee break
16.00 - 16.45	Gonioscopy - D. Gould
16.45 - 17.30	'Round up' of the day - D. Gould

Tuesday 9<sup>th</sup> March 2021  
Imaging; Virology and Bacteriology  
David Gould and Susanne Boroffka

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Diagnostic Imaging techniques: what is relevant for ophthalmology - S. Boroffka
10.00 - 10.45	Anatomy of the eye and orbit from an Imaging perspective S. Boroffka
11.00 - 11.30	Coffee break
11.30 - 12.15	I see, I see, what you do not see! - S. Boroffka
12.30 - 13.15	Diagnostic imaging of orbital disease - S. Boroffka
13.30 - 14.30	Lunch
14.30 - 15.15	Ophthalmic microbiology and parasitology I: Viral diseases D. Gould
15.30 - 16.00	Coffee break
16.00 - 16.45	Ophthalmic microbiology and parasitology II: Bacterial infections - D. Gould
16.45 - 17.30	Ophthalmic microbiology and parasitology III: Parasites and fungi - D. Gould

Wednesday 10<sup>th</sup> March 2021  
Imaging case studies  
Susanne Boroffka, Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 10.00	Imaging case studies exercises
10.00 - 10.45	Discussion section
11.00 - 11.30	Coffee break
11.30 - 12.30	Imaging case studies exercises
12.30 - 13.15	Discussion section

Thursday 11<sup>th</sup> March 2021  
Anesthesia; The Orbit

Christopher Seymour and Marta Leiva

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	General principles of anesthesia for ophthalmic surgery - C. Seymour
10.00 - 10.45	Local anesthesia for ophthalmic anesthesia - C. Seymour
11.00 - 11.30	Coffee break
11.30 - 12.15	Principles of neuromuscular blockade - C. Seymour
12.30 - 13.15	Principles of ventilation - C. Seymour
13.30 - 14.30	Lunch
14.30 - 15.15	Diagnostic approach of orbital diseases - M. Leiva
15.30 - 16.00	Coffee break
16.00 - 16.45	Orbital diseases of dogs and cats I - M. Leiva
16.45 - 17.30	Orbital diseases of dogs and cats II - M. Leiva

Friday 12<sup>th</sup> March 2021

The Third Eyelid, Conjunctiva and Nasolacrimal System

Marta Leiva

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Lacrimal disorders in dogs and cats I
10.00 - 10.45	Lacrimal disorders in dogs and cats II
11.00 - 11.30	Coffee break
11.30 - 12.15	Third eyelid diseases in small animals
12.30 - 13.15	Conjunctival disorders in dogs
13.30 - 14.30	Lunch
14.30 - 15.15	Conjunctival disorders in cats
15.30 - 16.00	Coffee break
16.00 - 16.45	Congenital and acquired NSL disorders in dogs and cats I
16.45 - 17.30	Congenital and acquired NSL disorders in dogs and cats II



**Module 3**  
JUNE, 14<sup>TH</sup>-18<sup>TH</sup> 2021  
ONLINE LIVE LESSONS

Monday 14<sup>th</sup> June 2021

**The eyelids**

**Rick F. Sanchez**

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Follicular problems of the eyelid
10.00 - 10.45	Introduction to eyelid surgery
11.00 - 11.30	Coffee break
11.30 - 12.15	The entropion I
12.30 - 13.15	The entropion II
13.30 - 14.30	Lunch
14.30 - 15.15	Other diseases of the eyelid I Inflammatory and Immune, Mediated Problems
15.30 - 16.00	Coffee break
16.00 - 17.00	Other diseases of the eyelid II Congenital / Hereditary and Traumatic Lesions, and Eyelid Neoplasia

Tuesday 15<sup>th</sup> June 2021  
Non-ophthalmic problems of brachycephalic dogs

Gert ter Haar

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Brachycephaly related diseases; introduction and presenting clinical signs
10.00 - 10.45	Brachycephaly related diseases; outer, middle and inner ear, hearing and ear surgery
11.00 - 11.30	Coffee break
11.30 - 12.15	Brachycephaly related diseases; gastro-intestinal signs work-up and treatment
12.30 - 13.15	Brachycephaly related diseases; Diagnostic Workup with advanced imaging and endoscopy
13.30 - 14.30	Lunch
14.30 - 15.15	Brachycephaly related diseases; Surgical treatment for airway diseases and results
15.30 - 16.00	Coffee break
16.00 - 16.45	Brachycephaly related diseases; Surgical treatment of BRD related comorbidities
16.45 - 17.30	Brachycephaly related diseases; Management and Prevention, summary and discussion

Wednesday 16<sup>th</sup> June 2021  
Cornea I

Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Anatomy and physiology of the cornea and limbus - A quiz review
10.00 - 10.45	Non-ulcerative diseases of the cornea I - LPK, EK, IH
11.00 - 11.30	Coffee break
11.30 - 12.15	Non-ulcerative diseases of the cornea II - Crystalline opacities, SPK, Endothelial disease
12.30 - 13.15	Non-ulcerative diseases of the cornea III - Dermoids, PK and PRP
13.30 - 14.30	Lunch
14.30 - 15.15	Other diseases of the cornea I: DED
15.30 - 16.00	Coffee break
16.00 - 16.45	Other diseases of the cornea I (Cont'): DED
16.45 - 17.30	Other diseases of the cornea II - SCCEDs

Thursday 17<sup>th</sup> June 2021

## Cornea II

Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Other diseases of the cornea III - ICD, PPMS, Sequestrum, FHV1, FABK, FNP
09.45 - 10.30	Other diseases of the cornea IV - Corneal Neoplasia and EIC
10.45 - 11.15	Coffee break
11.15 - 12.00	Corneal healing I - The Healing Response
12.00 - 12.45	Corneal healing IIa - Comments on Developing an Expectation and A Color Guide to the Cornea
13.00 - 14.00	Lunch
14.00 - 14.45	Corneal healing IIb - Comments on Ulcer Treatment
15.00 - 15.30	Corneal healing III - The Importance of Corneal Transparency
15.30 - 17.00	Directed Learning (DL) Exercise and Paper Discussion

Friday 18<sup>th</sup> June 2021

## Cornea III; sclera and episclera

Marta Leiva

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Overview of scleral disorders in dogs and cats I
10.00 - 10.45	Overview of scleral disorders in dogs and cats II
11.00 - 11.30	Coffee break
11.30 - 12.15	Corneal banking in veterinary medicine, reality or fiction?
12.30 - 13.15	Full thickness corneal transplantation in veterinary medicine I
13.30 - 14.30	Lunch
14.30 - 15.15	Full thickness corneal transplantation in veterinary medicine II
15.30 - 16.00	Coffee break
16.00 - 16.45	Corneal collagen cross linking in veterinary medicine, pros and cons
16.45 - 17.30	Feasibility of endothelial corneal transplantation in veterinary medicine



**Module 4**  
SEPTEMBER, 20<sup>TH</sup>-24<sup>TH</sup> 2021  
ONLINE LIVE LESSONS

Monday 20<sup>th</sup> September 2021  
**Neuro-ophthalmology**

**Elsa Beltrán**

<b>TIME</b>	<b>LECTURES</b>
08.30 - 09.00	Access to the platform
09.00 - 09.45	The neurological examination for Ophthalmologists - What is important?
10.00 - 10.45	Deficits in the Visual system - When could the underlying cause be neurological?
11.00 - 11.30	Coffee break
11.30 - 12.15	Function and dysfunction of the autonomic innervation to the eye
12.30 - 13.15	Anisocoria from the neurologist's point of view
13.30 - 14.30	Lunch
14.30 - 15.15	The facial nerve and related disorders of the face
15.30 - 16.00	Coffee break
16.00 - 16.45	Strabismus, nystagmus and eyelids - when the nervous system is not working
16.45 - 17.30	Systemic diseases with neuro-ophthalmological signs- What could it be?

Tuesday 21<sup>st</sup> September 2021

## Neurology / Uvea

Elsa Beltrán and Antonella Rampazzo

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Clinical cases - Should I be worried? Part 1 - E. Beltrán
10.00 - 10.45	Clinical cases - Should I be worried? Part 2 - E. Beltrán
11.00 - 11.30	Coffee break
11.30 - 12.15	Congenital diseases, Developmental/Senile conditions A. Rampazzo
12.30 - 13.15	Commonest clinical presentation uveitis in dogs and cats and the uveitis work up - A. Rampazzo
13.30 - 14.30	Lunch
14.30 - 15.15	The 'other' uveitis: Golden Retriever Uveitis, VKH, E cuniculi in cats - A. Rampazzo
15.30 - 16.00	Coffee break
16.00 - 16.45	Therapy for uveitis - A. Rampazzo
16.45 - 17.30	The ECVO and hereditary and presumed to be hereditary eye diseases - A. Rampazzo

Wednesday 22<sup>nd</sup> September 2021

## The glaucomas

Robert Lowe

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Functional anatomy of aqueous humor production and outflow
10.00 - 10.45	Definition, classification and pathophysiology of the glaucomas
11.00 - 11.30	Coffee break
11.30 - 12.15	Genetics of canine and feline primary glaucoma
12.30 - 13.15	Clinical signs and diagnostic methods
13.30 - 14.30	Lunch
14.30 - 15.15	Canine and feline secondary glaucoma
15.30 - 16.00	Coffee break
16.00 - 16.45	Medical treatment of glaucoma
16.45 - 17.30	Surgical treatment of glaucoma



Thursday 23<sup>rd</sup> September 2021

## Ophthalmic neoplasia (an oncologist's perspective); ophthalmic signs of systemic disease

Chiara Leo and Antonella Rampazzo

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Ocular signs of systemic disease - A. Rampazzo
10.00 - 10.45	Ocular trauma (penetrative and non-penetrative; presentation, work-up, prognosis) - A. Rampazzo
11.00 - 11.30	Coffee break
11.30 - 12.15	'Round up session' uvea, ophthalmic signs of systemic disease and ocular trauma - A. Rampazzo
12.30 - 13.15	Concepts in oncology for ophthalmologists - C. Leo
13.30 - 14.30	Lunch
14.30 - 15.15	Feline SCC of the eyelid - biology and therapy - C. Leo
15.30 - 16.00	Coffee break
16.00 - 16.45	Canine ocular tumors - C. Leo
16.45 - 17.30	Feline ocular tumors - C. Leo

Friday 24<sup>th</sup> September 2021

## Rabbit, exotic and avian ophthalmology

David Williams

TIME	LECTURES
08.30 - 09.00	Access to the platform
09.00 - 09.45	Rabbit Ophthalmology
10.00 - 10.45	Guinea Pig Ophthalmology
11.00 - 11.30	Coffee break
11.30 - 12.15	Avian Ophthalmology
12.30 - 13.15	Reptile Ophthalmology
13.30 - 14.30	Lunch
14.30 - 15.15	Amphibian Ophthalmology
15.30 - 16.00	Coffee break
16.00 - 16.45	Fish Ophthalmology
16.45 - 17.30	Invertebrate Ophthalmology



**Module 5**  
NOVEMBER, 8<sup>TH</sup>-12<sup>TH</sup> 2021

**VENUE:**

**DoubleTree by Hilton Hotel Milan**  
Via Ludovico di Breme 77, Milano

**Monday 8<sup>th</sup> November 2021**

**Lens and vitreous**

**Rick F. Sanchez**

<b>TIME</b>	<b>LECTURES</b>
<b>08.30 - 09.00</b>	<b>Registration procedures</b>
<b>09.00 - 09.45</b>	<b>The vitreous</b>
<b>10.00 - 10.45</b>	<b>The lens: review - what is a caract? - Lens-induced uveitis</b>
<b>11.00 - 11.30</b>	<b>Coffee break</b>
<b>11.30 - 12.15</b>	<b>Lens diseases I - hereditary lens problems</b>
<b>12.30 - 13.15</b>	<b>Lens diseases II - lens luxation (causes, clinical signs, treatment modalities)</b>
<b>13.30 - 14.30</b>	<b>Lunch</b>
<b>14.30 - 15.15</b>	<b>Cataract surgery in GP I - what I sould know: case selection and refferal</b>
<b>15.30 - 16.00</b>	<b>Break</b>
<b>16.00 - 16.45</b>	<b>Cataract surgery in GP II - the development of “phaco” and the birth of IOLs</b>
<b>16.45 - 17.30</b>	<b>Cataract surgery in GP II - what I sould know: prognosis and long-term care</b>

Tuesday 9<sup>th</sup> November 2021

## Interpretation of the fundus and non-inherited diseases

Ron Ofri

TIME	LECTURES
08.30 - 09.00	Registration procedures
09.00 - 09.45	The amazing retina! Just 250µm of tissue lets you see the world
10.00 - 10.45	Applied anatomy of the fundus - making sense of what I see in the ophthalmoscope
11.00 - 11.30	Coffee break
11.30 - 12.15	Why do our canine patients go blind? Acquired retinal diseases in dogs
12.30 - 13.15	Why do our feline patients go blind? Acquired retinal diseases in cats
13.30 - 14.30	Lunch
14.30 - 15.15	It's all about the optic nerve! Cranial Nerve II diseases and blindness.
15.30 - 16.00	Break
16.00 - 16.45	The brain is just an extension of the eye! Central blindness in our patients
16.45 - 17.30	Let's play a game! Interactive slide recognition (retinal diseases)

Wednesday 10<sup>th</sup> November 2021

## Inherited diseases of the fundus

Björn Ekesten

TIME	LECTURES
08.30 - 09.00	Registration procedures
09.00 - 09.45	Developmental diseases - CEA, RD and other acronyms I
10.00 - 10.45	Developmental diseases - CEA, RD and other acronyms II
11.00 - 11.30	Coffee break
11.30 - 12.15	Is this PRA, a retinopathy or something else?
12.30 - 13.15	This is PRA
13.30 - 14.30	Lunch
14.30 - 15.15	When PRA is more than an inherited retinal degeneration
15.30 - 16.00	Break
16.00 - 16.45	The Stargardt story and other retinopathies
16.45 - 17.30	Retinopathies that will keep you awake at night

Thursday 11<sup>th</sup> November 2021  
Optics and vision; genetic testing; ERG  
Ron Ofri and Björn Ekesten

TIME	LECTURES
08.30 - 09.00	Registration procedures
09.00 - 09.45	Optics and vision I: Visual optics. What happens to light in the eye? - R. Ofri
10.00 - 10.45	Optics and vision II: Why should I care? Emmetropia and ametropia in our patients - R. Ofri
11.00 - 11.30	Coffee break
11.30 - 12.15	Optics and vision III: Do dogs really see in black & white? Facts and myths about animal vision - R. Ofri
12.30 - 13.15	Genetic testing - B. Ekesten
13.30 - 14.30	Lunch
14.30 - 15.15	Visual electrophysiology - B. Ekesten
15.30 - 16.00	Break
16.00 - 16.45	When your curves are just amazing - B. Ekesten
16.45 - 17.30	Retinal diseases at the end of the day - B. Ekesten

Friday 12<sup>th</sup> November 2021  
Histology and pathophysiology of the eye; histology practical  
Guy Grinwis

TIME	LECTURES
08.30 - 09.00	Registration procedures
09.00 - 09.45	General aspects of ocular pathology
10.00 - 10.45	Microscope work
11.00 - 11.30	Coffee break
11.30 - 12.15	Inflammatory lesions in the eye and periocular tissues
12.30 - 13.15	Microscope work
13.30 - 14.30	Lunch
14.30 - 15.15	Neoplastic lesions in the eye and periocular tissues
15.30 - 16.00	Break
16.00 - 16.45	Microscope work
16.45 - 17.30	Microscope work



**Module 6**  
MARCH, 14<sup>TH</sup>-18<sup>TH</sup> 2022

## **Eyelid**

**ONLINE ON-DEMAND**

**David Gould and Rick F. Sanchez**

### **LECTURES**

- **Tissue handling, instrumentation and magnification - R. F. Sanchez**
- **Entropion surgery: Introduction and basic surgical techniques - D. Gould**
- **Entropion surgery: Complex cases and more advanced techniques - D. Gould**
- **Eyelid mass removal: primary closure - R. F. Sanchez**
- **Blepharoplasty techniques for closure of larger eyelid defects - D. Gould**
- **Enucleation - R. F. Sanchez**

### **IMPORTANT INFORMATION:**

**Please note that for the proper conduct of the practical lesson, you need to take a corneal and eyelid surgery kit with you. Complete list in the last page of this program.**

Monday 14<sup>th</sup> March 2022

## Enucleation and general concepts about corneal surgery

David Gould and Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Welcome Coffee
09.00 - 09.45	Tissue handling, instrumentation and magnification - R. F. Sanchez
10.00 - 10.45	Corneal suturing - R. F. Sanchez
11.00 - 11.30	Coffee break
11.30 - 12.15	Corneal suturing II - R. F. Sanchez
12.30 - 13.15	Understanding corneal surgery I - SCCED treatment - R. F. Sanchez
13.30 - 14.30	Lunch
14.30 - 15.15	Understanding corneal surgery II - upsides and downsides of conjunctival pedicles - R. F. Sanchez
15.30 - 16.00	Coffee break
16.00 - 16.45	Understanding corneal surgery III - upsides and downsides of CLGT grafting - R. F. Sanchez
16.45 - 17.30	Discussion Section - D. Gould, R. F. Sanchez

Tuesday 15<sup>th</sup> March 2022

## Practical day 1 - the ophthalmic exam, ocular US

David Gould and Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Welcome Coffee
09.00 - 10.45	Practical
11.00 - 11.30	Coffee break
11.30 - 13.15	Practical
13.30 - 14.30	Lunch
14.30 - 15.15	Practical
15.30 - 16.00	Coffee break
16.00 - 17.30	Practical

Wednesday 16<sup>th</sup> March 2022  
Practical day 2 - eyelid (and enucleation)

David Gould and Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Welcome Coffee
09.00 - 09.45	Intro to the day - instructions and techniques
10.00 - 10.45	Practical
11.00 - 11.30	Coffee break
11.30 - 13.15	Practical
13.30 - 14.30	Lunch
14.30 - 15.15	Practical
15.30 - 16.00	Coffee break
16.00 - 17.30	Practical

Thursday 17<sup>th</sup> March 2022  
Practical day 3 - eyelid (and cornea)

David Gould and Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Welcome Coffee
09.00 - 09.45	Intro to the day - instructions and techniques
10.00 - 10.45	Practical
11.00 - 11.30	Coffee break
11.30 - 13.15	Practical
13.30 - 14.30	Lunch
14.30 - 15.15	Practical
15.30 - 16.00	Coffee break
16.00 - 17.30	Practical

Friday 18<sup>th</sup> March 2022  
Practical day 4 - cornea

David Gould and Rick F. Sanchez

TIME	LECTURES
08.30 - 09.00	Welcome Coffee
09.00 - 09.45	Intro to the day - instructions and techniques
10.00 - 10.45	Practical
11.00 - 11.30	Coffee break
11.30 - 13.15	Practical
13.30 - 14.30	Lunch
14.30 - 15.15	Practical
15.30 - 16.00	Coffee break
16.00 - 17.30	Practical

Please note that for the proper conduct of the practical lesson, you need to take a corneal and eyelid surgery kit with you.

The kit must include:

- BLEFAROSTATO KRATZ-BARRAQUER 14,5X42MM
- CURETTE DA CALAZIO DOPPIA BEAVER
- FORBICE PER ENUCLEAZIONE
- FORBICE VANNAS CV 9CM BV
- FORBICI CASTROVIEJO 10CM LAME LARGE
- FORBICI SEVRIN STEVENS CV 10 CM
- CANNULA CURVA 28X0,5MM INOX
- PORTA LAME BEAVER 10CM
- MANICO BISTURI N.3
- LAMA MINIATURIZZATA 64 STERILE - cf da 10 pz
- LAME BISTURI N.15 MISURA 3 AESCULAP - cf da 100 pz
- PINZA ADSON-BROWN 12CM
- PINZA ALLIS 15CM 4X5 CON DENTI
- PINZA COLIBRI CON DENTI 74MM BEAVER
- PINZA DI GRAEFFE 11MM 5 DENTI
- PORTAGHI BARRAQUER CV 13,5CM SENZA BLOCCO
- PORTAGHI HALSEY 13CM AE
- SONDA LACRIMALE INOX CURVA 12X0,8MM
- PINZA DRITTA 10CM 1X2 DENTI

Anyone who does not have this kit or part of it, can buy the material needed from your personal supplier or request one from our partner **Alcyon Italia** at a reduced price, who will deliver your order directly at the venue.

For more information and prices, please contact [segreteria@univet.it](mailto:segreteria@univet.it)



## **COURSE FEE // € 6.500**

- **€ 2.500** - 1<sup>st</sup> payment immediately at the registration that must be done online within **25<sup>th</sup> October 2020**
- **€ 1.500** - 2<sup>nd</sup> payment within **21<sup>st</sup> February 2021**
- **€ 1.500** - 3<sup>rd</sup> payment within **14<sup>th</sup> May 2021**
- **€ 1.000** - 4<sup>th</sup> payment within **10<sup>th</sup> September 2021**

## **10% discount for aspirants for the NEEC EDUCATION PROGRAM**

Possibility for **newly graduated** (2015-2019) to make the payment in 11 installments

Possibility to make one payment of **€ 6.000** immediately at the registration that must be done online within **25<sup>th</sup> October 2020**

## **THIS IS A RESTRICTED ACCESS COURSE WITH A MAXIMUM NUMBER OF 40 PARTICIPANTS**

No VAT included or requested because our courses are VAT exempt.

In case of renunciation of participation, the sums already paid will not be reimbursed and the whole amount due must be paid.

## **THE REGISTRATION ENTITLES TO:**

- PARTICIPATE TO THE COURSE
- COURSE PROCEEDINGS
- ATTENDANCE CERTIFICATE
- TECHNICAL MATERIAL FOR PRACTICAL SESSIONS (cornea and eyelid surgery kit NOT included)
- LUNCHEES AND COFFEE BREAKS

Please email to [segreteria@unisvet.it](mailto:segreteria@unisvet.it) for any food intolerance and special diets

## **REGISTRATION**

Only UNISVET members can register for the course  
To become a member, register at [www.unisvet.it](http://www.unisvet.it)  
(Unisvet membership is free)

## **CONTACTS**

e-mail: [segreteria@unisvet.it](mailto:segreteria@unisvet.it)  
website: [www.unisvet.it](http://www.unisvet.it)

vers. 14/01/2022