



# ECVS Pre-Congress

31<sup>st</sup> Annual Scientific Meeting  
7-9 July 2022, Porto, Portugal

European College of Veterinary Surgeons c/o Equine Department, Vetsuisse Faculty, University of Zurich, Winterthurerstrasse 260, 8057 Zurich, Switzerland  
phone: +41 (0)44 635 84 92 / 90 fax: +41 (0)44 635 89 91 email: info@ecvs.org web: www.ecvs.org

## Magnifying loupes surgical skills lab



Wednesday, 6 July 2022, 08:30 - 17:45

Sponsored by Freelance Surgical and Medtronic



**Species:** Small Animal

**Course type:** Full day theory and practical session

### Course description:

This is the **second edition** of the “Microsurgical Techniques” course at the ECVS meeting. The course is designed to give delegates a basic understanding and experience with general microsurgical techniques. This course will be divided into a theoretical and a practical session using various low-fidelity models and fresh cadaveric tissues. This year, the course will take place at the University of Porto.



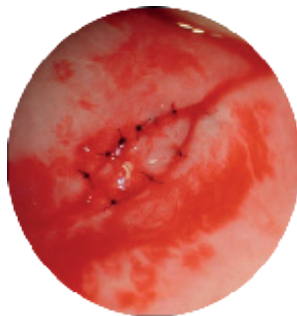
**The theoretical session** will review common indications for microsurgery in veterinary patients, use of magnification, basic instrumentation, ergonomics, and microsurgical suturing techniques.

**The practical session** will allow delegates to practice several techniques including simple linear suturing, end-to-end anastomosis, and end-to-side anastomosis using low-fidelity models, fresh cadaveric tissue and micro-suture material. **All practical exercises will be performed using magnifying surgical loupes.** Delegates are welcome to bring their own loupes, otherwise surgical loupes (3x magnification) will be provided.



By the end of the course, each delegate will have had the opportunity to:

- Experience the benefits of utilizing loupes for magnification
- Practice basic surgical techniques of microsurgery
- Simulate challenging clinical cases that require microsurgical skill such as ureteral obstruction, common bile duct rupture, vascular anastomosis, and nerve repair using representative tissues



Feedback from delegates (previous edition): *“The course was a great introduction to microsurgery. It was a perfect combination of theory and practical components with plenty of time and guidance to practice the different techniques.”*

# ECVS

7-9 July 2022  
Porto, Portugal

31<sup>st</sup> Annual Scientific Meeting





# ECVS Pre-Congress

31<sup>st</sup> Annual Scientific Meeting  
7-9 July 2022, Porto, Portugal

European College of Veterinary Surgeons c/o Equine Department, Vetsuisse Faculty, University of Zurich, Winterthurerstrasse 260, 8057 Zurich, Switzerland  
phone: +41 (0)44 635 84 92 / 90 fax: +41 (0)44 635 89 91 email: info@ecvs.org web: www.ecvs.org

## Magnifying loupes surgical skills lab



Wednesday, 6 July 2022, 08:30 - 17:45

Sponsored by Freelance Surgical and Medtronic



### Schedule

08:30-08:45	Registration
08:45-09:00	Faculty introductions and learning objectives
09:00-09:30	Indications for veterinary microsurgery <ul style="list-style-type: none"><li>• Clinical case examples</li></ul>
09:30-10:30	Discussion of basic surgical principles – use of magnification, ergonomics, tissue handling, suturing techniques <ul style="list-style-type: none"><li>• Demonstration of specific suturing techniques that are different from traditional tissue handling and suturing - grasping edges with forceps, grasping suture with instruments, use of surgeon's throw, use of short suture tails, number of throws per knot, switching hands for grasping the free end of the suture, in-to-out vs out-to-in</li><li>• Linear suturing techniques – simple-interrupted and simple-continuous patterns</li><li>• End-to-end anastomosis</li><li>• End-to-side anastomosis</li><li>• Vascular coupling devices</li></ul>
10:30-11:00	Coffee break
11:00-12:30	Practical session (dry lab) <ul style="list-style-type: none"><li>• Introduction to the use of surgical loupes - fitting and adjustment for maximum clarity</li><li>• Demonstration of proper posture and hand position for loupes</li><li>• Demonstration of specific instrumentation used in the lab and proper handling techniques</li><li>• Suturing on a grape – simple-interrupted suture pattern</li><li>• Simple linear incision closure using simple-interrupted pattern in different orientation angles</li></ul>
12:30-13:00	Products presentation
13:00-14:00	Lunch break

# ECVS

7-9 July 2022  
Porto, Portugal

31<sup>st</sup> Annual Scientific Meeting





# ECVS Pre-Congress

## 31<sup>st</sup> Annual Scientific Meeting

7-9 July 2022, Porto, Portugal

European College of Veterinary Surgeons c/o Equine Department, Vetsuisse Faculty, University of Zurich, Winterthurerstrasse 260, 8057 Zurich, Switzerland  
phone: +41 (0)44 635 84 92 / 90 fax: +41 (0)44 635 89 91 email: info@ecvs.org web: www.ecvs.org

### Magnifying loupes surgical skills lab



Wednesday, 6 July 2022, 08:30 - 17:45

Sponsored by Freelance Surgical and Medtronic



14:00-17:15  
(includes one additional coffee / ice cream break)

- Practical session (dry and wet lab)
- End-to-end anastomosis (oblique)
  - End-to-side anastomosis
  - Patency testing
  - Use of microvascular coupler devices



17:15-17:25

Discussion on available training models and techniques for routine practice

17:25-17:45

Wrap-up - question and answer session



**Lecturers:** Guillaume Chanoit, DEDV, PhD, DACVS, DECVS, FRCVS  
Small Animal Soft Tissue Surgeon  
University of Bristol, Langford Vets

Robert Hardie, DVM, DACVS, DECVS  
Clinical Professor Small Animal Surgery  
The University of Wisconsin, School of Veterinary Medicine

**Number of participants:** max. 16

**Participation fee (€)**

before 12 May 2022

Diplomates and non-members € 800, ECVS Residents € 600

after 13 May 2022

Diplomates and non-members € 850, ECVS Residents € 640

# ECVS

7-9 July 2022  
Porto, Portugal

31<sup>st</sup> Annual Scientific Meeting

