VELVET
INNOVATIVE
TECHNOLOGIES

15–16
FEBRUARY
2027



HANDS-ON CORE SKILL

CANINE DENTISTRY
FROM PIXEL TO PATIENT

with **Philippe Hennet**
DVM, Dipl. AVDC, Dipl. EVDC

A simulation-based course in canine dentistry, inspired by modern dental education: core theory online, digital and synthetic simulation, then real tissue.

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Training Center

Introduction & presentation.

VELVET INNOVATIVE TECHNOLOGIES

Dental disease is part of everyday veterinary practice.
Train to the standards of modern dental education.

Traditional veterinary dentistry courses often combine lectures and practical sessions within the same on-site programme. Our pathway moves core theory upstream, allowing on-site time to focus on deliberate practice and skills acquisition.

KNOWLEDGE → SIMULATION → REPETITION → REAL TISSUE → ASSESSMENT

1

LEARN - REMOTE
Core theory completed before you arrive

Three live webinars with Dr Hennet, each followed by a short knowledge check, so on-site time is devoted to practice

Learning outcomes : anatomy, diagnosis, treatment planning

2

SIMULATE - DIGITAL
Haptic virtual reality training

Develop fine motor control, instrument handling, depth perception and indirect vision on Simodont®, the haptic dental simulator available on site at the Nancy School of Surgery.

Learning outcomes : anatomy, diagnosis, treatment planning

3

SIMULATE - SYNTHETIC
Nerve blocks, practised before real tissue

Practice and assessment of needle placement for infraorbital, caudal maxillary, middle mental and inferior alveolar blocks on synthetic canine models, including brachycephalic anatomy, before cadaver training.

Learning outcomes : needle placement

4

PERFORM - WETLAB
Real tissue, specialist supervision

Periodontal treatment, dental radiology and surgical extractions on canine cadaver specimens, two participants per station.

Assessment : structured individual feedback on the complete clinical gesture

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INSIDE the simulation lab

Small group. High repetition. Individual feedback.

Maximum 14 participants. Two learners per workstation, per simulator and per cadaver specimen, so every participant repeats each gesture until it is right.



Digital. Haptic training of fine motor control, depth perception and indirect vision on Simodont®, in the simulation facilities of the Nancy School of Surgery.

FOUR DENTAL NERVE BLOCKS

Infraorbital
Incisors, canine, premolars

Caudal maxillary
Maxillary quadrant, same side

Middle mental
Rostral mandible: incisors and canine

Inferior alveolar
Mandibular quadrant, same side

Synthetic. Needle placement for the four main dental nerve blocks, practised and assessed before cadaver training.

SURGICAL EXTRACTION, STEP BY STEP

1. **Flap design** and mucoperiosteal elevation
2. **Alveolar bone removal** and tooth sectioning
3. **Root elevation** and extraction
4. **Alveoloplasty** and tension-free closure

Synthetic. Flap design, sectioning, and elevation rehearsed on replaceable jaws before real tissue.

Get better with *Philippe* HENNET



Recognized Specialist in Veterinary Dentistry in the USA (1993) and Europe (1998). Pioneer in the field, educated at the Veterinary School of the University of Pennsylvania (USA), he co-founded the European Veterinary Dental Society (EVDS / EVDF) and the European Veterinary dental College (EVDC).

Long committed to dentistry, oral and maxillofacial surgery, he created the first residency programme in veterinary dentistry in 2002 and has since educated all french specialists in veterinary dentistry as well as provided education to many other specialists in Europe. He has authored more than 30 indexed publications, chapters in reference books in english as well as two books on veterinary dentistry in French.

Also teaching : Bruno Lesueur (MOVORA), alongside the Velvet simulation team.

E-learning

Three live webinars. Core theory completed before you arrive.

Early 2027 - APPROXIMATELY 50 MINUTES OF VIDEOCONFERENCE, FOLLOWED BY A DISCUSSION PERIOD

January 28, 2027 (schedule to be announced, Paris time)
General Overview, Oral Cavity Examination, Regional Anesthesia

February 4, 2027 (schedule to be announced, Paris time)
Periodontal Disease, Diagnosis and Treatment

February 11, 2027 (schedule to be announced, Paris time)
Tooth Extraction principles and techniques

Dates and times are subject to change. Any changes will be announced at least 30 days in advance.

Get better with *Philippe* HENNET



Gain a deeper understanding of the fundamentals of canine dentistry using specialized equipment and periodontal examination techniques. Understand and master regional anesthesia. Perform and analyze dental X-rays. Explore dental extractions in greater depth.

DAY 1

Periodontology and Anesthesia

8:30 | Welcome & coffee

9:00 | Knowledge check and clinical briefing

9:30 | Equipment and ergonomics: burs, ultrasonic scalers, curettes, elevators

10:00 | Simodont® haptic simulation:fine motor control, instrument handling, indirect vision

11:30 | Periodontal examination and dental charting

13:00 | LUNCH

2:00 p.m. | Regional nerve blocks: needle placement practice and assessment on synthetic models, including brachycephalic anatomy

3:00 p.m. | Periodontal treatment and root debridement

4:15 p.m. | Dental radiology: equipment and positioning

5:00 p.m. | Debriefing

5:30 p.m. | End of the day

Small group. High repetition. Individual feedback. Two learners per workstation, simulator and cadaver specimen. Equipment, consumables and lunches included.

Get better with *Philippe* HENNET



DAY 2
Radiology and Extraction

8:00 | Welcome & coffee

8:30 | Dental radiography: imaging and interpretation

10:30 | Surgical extraction on synthetic models: flap design, sectioning, elevation

12:00 | LUNCH

1:00 p.m. | Live demonstration: surgical extraction by Dr. Hennet

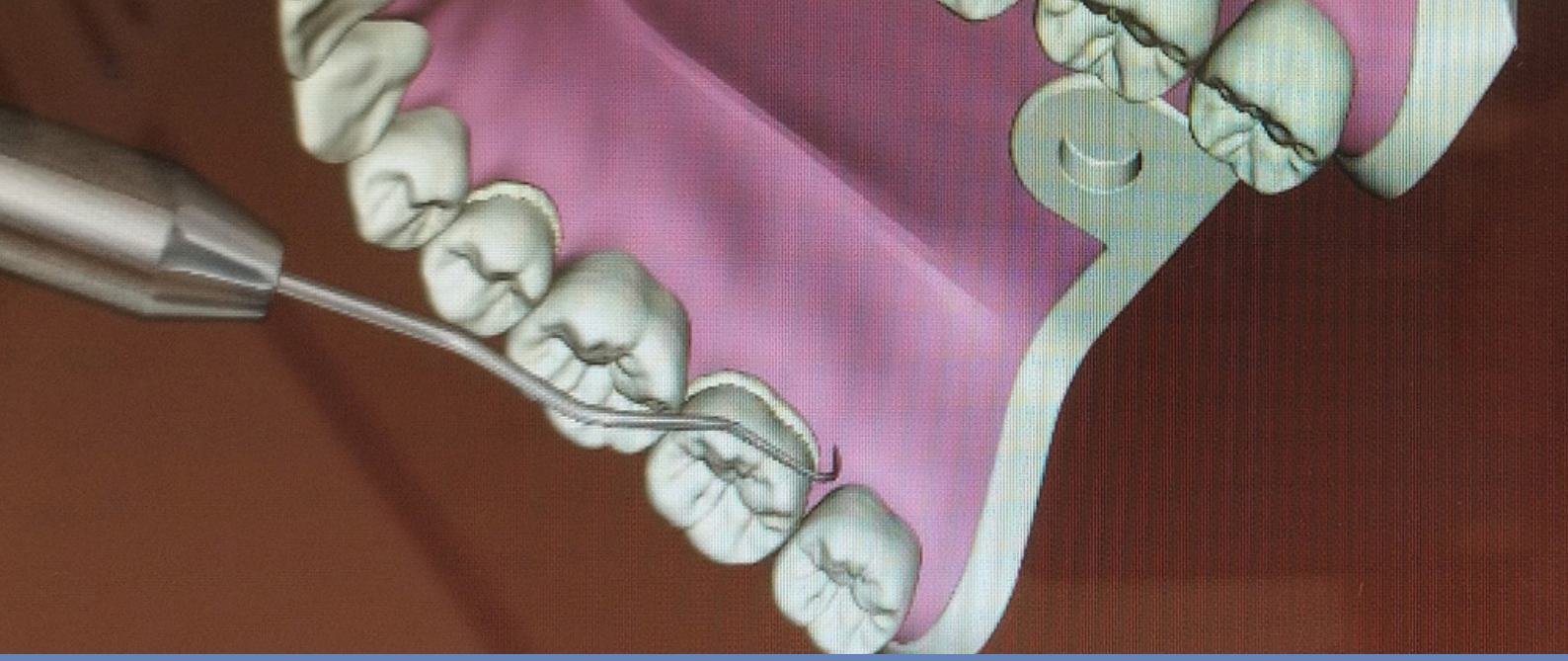
2:00 p.m. | Extraction with a flap: maxillary premolars and molars

3:00 p.m. | Extraction with a flap: mandibular canines, premolars and molars

4:00 p.m. | Structured individual feedback

5:00 p.m. | Certificates and end of the Day

Small group. High repetition. Individual feedback. Two learners per workstation, simulator and cadaver specimen. Equipment, consumables and lunches included.



MORE PRACTICE.
LESS TIME AWAY FROM THE CLINIC.

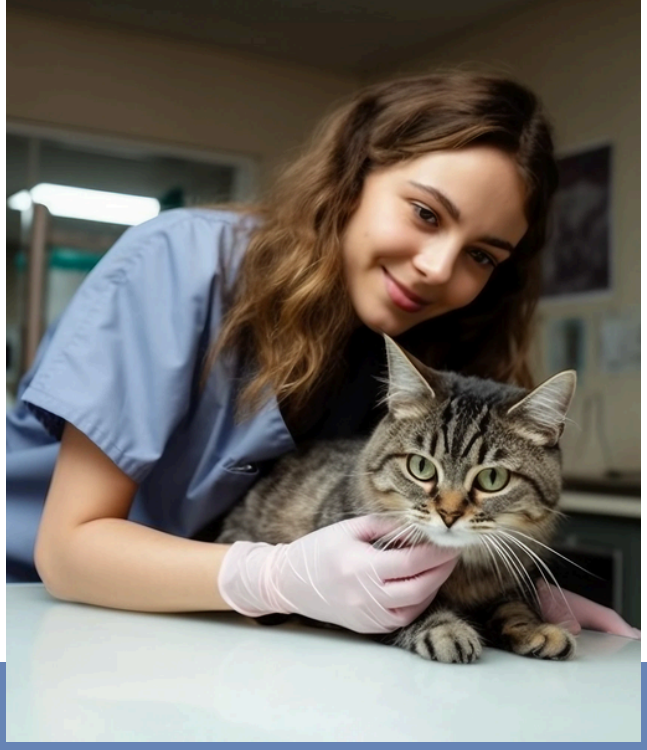
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Two days away from the clinic instead of three. More hands-on time. Less professional downtime.

CONVENTIONAL ON-SITE FORMAT	VELVET AND VIP-TC PATHWAY
Theory and practice during the same course	**Core theory completed before arrival**
3 days away from practice	**2 on-site practical days**
Direct transition to hands-on training	**Progressive simulation pathway**
Practical training	**Digital synthetic cadaver**
Assessment varies by course	**Structured individual feedback**
More participants (often more than 20)	**Only 14 participants maximum (everyone has time to practice and interact with the instructor)**

COMING SOON



2027
FELINE DENTITRY MODULE

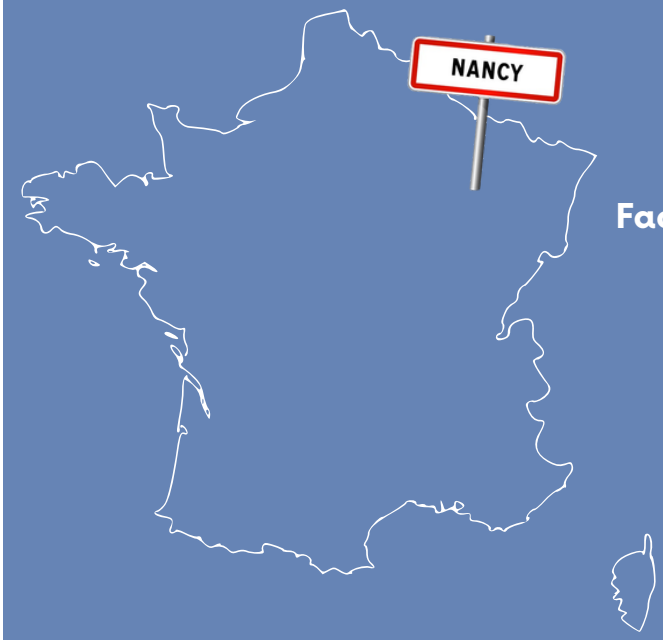
Same pathway, adapted to feline anatomy. Register your interest at formation@velvet-it.fr.

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More informations.





TRAINING LOCATION

Faculté de Médecine - Campus Brabois Santé,
Bâtiment D, 2ème étage
Ecole de Chirurgie

9 Avenue de la Forêt de Haye
54 505 Vandoeuvre-lès-Nancy, France

INSCRIPTIONS

14 participants maximum
formation@velvet-it.fr

LINK HERE

REGISTRATION FEE

1 850€ (excl. VAT) → 2 220€ (including tax)

- 3 live webinars with knowledge checks
- 2 hands-on days, simulators and cadavers
- All equipment and consumables
- Lunches and coffee breaks
- Certificate of attendance

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