



Faculty of
Veterinary Medicine
University Putra Malaysia
43400 UPM Serdang
Selangor Darul Ehsan
MALAYSIA



Dr. Daniel Damur
ECVS Switzerland

Dr. Matthias Frank
Small Animal Specialist

Prof. Dr. Bruno Peirone
PhD, Italy



For info about the
registration contact:
Dr. Milind Hatekar
drhatekar@gmail.com

in collaboration with



All about the Knee

Educational Objectives

- To recognise the clinical and radiographic signs of the Cranial Cruciate Ligament Rupture (CrCL) and Patella Luxation (PL).
- To understand the rationale behind the Tibia Plateau Levelling Osteotomy in the treatment of CrCL rupture.
- To understand the pathogenesis of Patella Luxation and to select the appropriate treatment accordingly with the underlying skeletal deformities.
- To be able to prepare a correct pre-operative plan for CrCL and PL and execute it in surgery.
- To evaluate the post-op radiographs, to recognise potential pitfalls and technical mistakes.

Laboratory

In the labs plastic bone models (dry lab) and cadaver specimens will be used. At the end of each day an interactive discussion will take place based on the radiographs of the dry lab and wet lab.

Day 1 - Program

08:00-08:20	Registration
08:20-08:30	Welcome
08:30-09:00	Stifle surgical anatomy and approaches
09:00-09:30	Etiopathogenesis of CrCL rupture
09:30-10:00	Clinical and radiographic signs of CrCL rupture
10:00-10:30	Coffee break
10:30-11:00	History and Biomechanics of TPLO
11:00-11:30	TPLO Pre-operative planning
11:30-12:00	TPLO Surgical technique step by step
12:00-12:30	TPLO post-op phase and clinical outcome
12:30-13:30	Lunch break
13:30-14:30	Dry Lab 1 TPLO measurements and pre-op plan on radiographs
14:30-16:00	Dry Lab 2 TPLO execution on a standard plastic bone model
16:00-16:30	Coffee break
16:30-17:00	TPLO Intra-operative and post-operative complications
17:00-18:00	Post-op Rads of Dry Lab 2 evaluation
18:00-18:15	Questions and Answers

Day 2 - Program

08:30-10:00	Wet Lab 1 TPLO execution on a cadaver specimen
10:00-10:30	Coffee break
10:30-11:00	The Isolock System for CrCL rupture repair
11:00-12:00	Dry Lab 3 Isolock System Technique on a plastic bone model
12:00-12:30	Post-op Rads of Wet Lab 1 evaluation
12:30-13:30	Lunch break
13:30-14:00	Wet Lab 2 Isolock System Technique on a cadaver specimen
14:00-14:30	Pathogenesis of Patella Luxation
14:30-15:00	Clinical evaluation and grading of Patella Luxation
15:00-15:30	Patient selection and Decision Making for Surgery Algorithm
15:30-16:00	Trochlear sulcoplasty wedge and block
16:00-16:30	Coffee break
16:30-17:00	Tibial Tuberosity Transposition
17:30-18:00	Wet Lab 3 Trochlear Sulcoplasty and TTT execution
18:00-18:15	Questions and Answers

Day 3 - Program

08:30-09:00	Post-op Rads of Wet Lab 2 evaluation
09:00-09:30	CORA Method: an introduction
09:30-10:00	Femur positioning, radiographic evaluation and femur normal angles
10:00-10:30	Coffee break
10:30-11:00	Dry Lab 4 Femur evaluation and measurements on rads
11:00-11:30	Opening and closing wedge osteotomy and Paley's rules
11:30-12:00	Planning and execution of a femoral corrective osteotomy
12:00-13:00	Lunch break
13:00-13:30	Distal Femoral Osteotomy: surgery step by step
13:30-14:30	Dry Lab 5 Distal Femoral Osteotomy Execution on a plastic bone model
14:30-16:00	Wet Lab 4 Distal Femoral Osteotomy Execution on a cadaver specimen
16:00-16:30	Coffee break
16:30-17:00	Patella luxation Complications
17:00-17:30	Post-op Rads of Dry Lab 5 and Wet Lab 4 evaluation
17:30-18:00	Certificate Ceremony Closure

The instructors



Daniel Damur
ECVS

1994: Graduation Veterinary Medicine, University of

Zurich

1995: Research fellowship, Small Animal Surgery, Texas A&M University (D. Hulse), USA

1996: Externship, Small Animal Medicine & Surgery, Colorado State University, USA

1998: Doctorate Thesis
Comparison of two intra-articular reconstruction techniques in the CrCL deficient stifle joint in dog.

1998-2001: ECVS Residency, Small Animal Surgery, University of Zurich (Prof. Montavon)

2000: Fachtierarzt FVH für Kleintiere

2001-2002: Assistant Professor, Small Animal Surgery, University of Zurich (Prof. Montavon)

2002-2009: Consultant, Small Animal Surgery, University of Zurich (Prof. Montavon)

2002: Clinic Director, Tierklinik Masans, Chur, Switzerland

2004: Diplomate European College of Veterinary Surgery / European Specialist in Small Animal Surgery

2002: Education Committee, AO Vet International

2003: Co-Chairman AOVet Courses, Davos

2006-2010: Exam Committee ECVS (European College of Veterinary Surgery)

2008: Cantonal Commission for Animal Experimentation of Graubünden, Switzerland

National and international speaker for small animal surgery

Member

GST Gesellschaft Schweizer Tierärzte
GBT Gesellschaft Bündner Tierärzte
SVK Schweizerische Vereinigung für Kleintiermedizin

ESVOT

AOVET



Matthias Frank

I was born to a south german family with an

uninterrupted veterinary history dating back until 1824. As animals of any kind and the veterinary work constantly influenced my childhood, the decision to become a veterinarian was quite easy and never regretted. Even today beside my professional work, dogs take a big part in my personal life, as we breed, train and hunt retrievers.

Working experience

Since 1998 - Chief surgeon, co-owner of small animal clinic Frank & Partners.

In 2003 I became a partner in my fathers clinic. A new clinic complex was planned and build in Freiburg.

In 2006 the Partnership was enlarged to two other veterinarians I was working with for several years.

1998-2003 - Assistant veterinarian, specialization in small animal medicine & surgery.

After my return from Italy I started working in my fathers small animal clinic as an assistant veterinarian while specializing in small animal medicine and surgery. The speciality exam was taken in 2003.

1997-1998 - Assistant veterinarian small animal clinic Werner in Pistoia (Italy)

Having finished the studies I started as an assistant veterinarian in a small animal clinic in Tuscany (Italy). Unfortunately I had to leave early to my fathers illness.

Education: 1989-2007 University of Bologna (Italy) - Study of small animal medicine and surgery.

1995-96 University of California, Davis - Scholarship Education Abroad program EAP

1997 Thesis in small animal surgery - Laparoscopy in the dog

Knowledge: My main interest lies in small animal orthopaedics. Further special interest are in the field of neurology and neurosurgery and minimal invasive surgery. I specialized in Ophthalmology and I am a certified examiner for the detection of inherited eye diseases in small animals.



Bruno Peirone
PhD

Full Professor, School of Veterinary Medicine

University of Turin.

Board member of the PhD School in Veterinary Sciences from 2003 to 2010

Main Fields of Interest

- Fracture treatment (ORIF, ESF, CESF, MIPO techniques)
- Limb deformity correction through CEF and ORIF in dogs
- Pre-operative and intra-operative skeletal traction
- Diagnosis and treatment of juvenile and adult hip dysplasia in dogs
- Joint Surgery

Others

- Invited Speaker at several International and National Congress and Meetings
- Visiting professor at the following Schools of Veterinary Medicine and Vet Clinics
 - 1991 Bern (CH) under supervision of Prof. P. Schawalder
 - 1994 Private Clinic Dr. JF Bardet
 - 1997 Cambridge (UK) under supervision of Prof. J. Houlton
 - 1999, 2001 and 2005 Zurich (CH) under supervision of Prof. P. Montavon
 - 2011 Missouri (USA) with Prof. J. Tomlinson

Publications

- Author of 52 papers published on International and Italian journals (23 ISI Journals)
- Author of 62 abstracts presented at International and National Congress

Scientific Societies

SCIVAC (Italian Veterinary Society of Companion Animals) - Positions

- Member of the Board of Directors since 2008
- Director of the Continuing Education Program in Orthopaedics and Traumatology since 2006

ESVOT - Positions

- Small Animal Director for the ESVOT Board since 2008
- Treasurer since 2012

AOVET - Positions

- Chair of the Educational Committee from 2006 to 2010
- Member of the Speciality Board since 2006
- Chair of Europe Region Committee since 2010

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Intrauma S.p.A.

Via Genova, 19 – 10098 Rivoli (TO) Italia

Tel. +39.011.953.94.96

Fax +39.011.958.83.85

info@intrauma.com – www.intrauma.com

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believing that this is the foundation of a successful business.

Today, Intrauma is the second largest supplier of trauma devices in Italy, and is rapidly expanding its international sales and marketing operations across the world.

This also gives the company the opportunity to work with surgeons across the globe, developing more unique products and continuing to improve traumatology techniques for the benefit of both patient and surgeon.

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