



MSAVA
Malaysian Small Animal
Veterinary Association



Universiti Malaysia
KELANTAN

Sponsored by:



ORTHOPEDIC WORKSHOP ON

BASIC TECHNIQUES FOR LONG BONE FRACTURE MANAGEMENT IN DOGS AND CATS

LIMITED TO
24 PARTICIPANTS
ONLY

30 CPD POINTS



23 & 24 MARCH 2019
(SAT & SUN)



DEPARTMENT OF CLINICAL STUDIES
FACULTY OF VETERINARY MEDICINE
UNIVERSITY MALAYSIA KELANTAN
CITY CAMPUS, PENKALAN CHEPA
LOCKED BAG 36, 16100 KOTA BHARU, KELANTAN.

TUTORS



**PROF DR. THOTTA
NARASIMHALU GANESH**



**ASSOCIATE PROFESSOR
DR. RUMAIZI BIN SHAARI**



**DR. MIMI ARMILADIANA
BT MOHAMAD**

COURSE SCHEDULE

	DAY 1	DAY 2
SESSION I 8.00 am – 10.00 am	LECTURE 1: Bone Anatomy, Fracture Types, Healing & Fracture Biomechanics LECTURE 2: Patient & Radiographic Assessment and Decision Making LECTURE 3: Approach to Long Bones, Fracture Reduction	HANDS ON PRACTICE: Approach to Long Bones; Instrumentation
10.00 am – 10.30 am	COFFEE BREAK	
SESSION II 10.30 am – 12.30 pm	LECTURE 4: IM Pinning & Wiring LECTURE 5: Screws & Plates & Bone Plating Techniques LECTURE 6: Post Operative Care, Radiographic Assessment & Rehabilitation	HANDS ON PRACTICE: IM Pinning (Normograde; Retrograde) Wiring (Cerclage, Hemi Cerclage, Tension Band)
12.30 pm – 1.30 pm	LUNCH BREAK	
SESSION III 1.30 pm – 4.00 pm	DEMONSTRATION: Approach to Long Bones; Instrumentation IM Pinning (Normograde; Retrograde) Wiring (Cerclage, Hemi Cerclage, Tension Band) Plate/Position/Lag Screws Bone Plating (Compression/ Neutralisation/Buttress)	HANDS ON PRACTICE: Plate/Position/Lag Screws Bone Plating (Compression/ Neutralisation/Buttress)
4.00 pm - 4.30 pm	COFFEE BREAK	
SESSION IV 4.30 pm – 5.00 pm	Discussion on Day 1 topics	Discussion on Day 2 Topics Closing Remarks

COURSE FEE

	MSAVA MEMBER	NON MEMBER
EARLY BIRD (UNTIL 13/03/2019)	RM 1200	RM 1500
NORMAL RATE (FROM 14/03/2019)	RM 1300	RM 1600
INTERNATIONAL PARTICIPANTS*	-	USD 500

Course fee includes hard copy certificate, course bag, course material, coffee break and lunch. NOT includes transportation and accommodation.

Cancellations **MUST** be made in writing and will be subject to a RM50 administration charge. Cancellation made after 18/03/2019 will NOT be refunded.

*For international participants, please email to cpdmsava@gmail.com for manual registration.

PAYMENT INFO

Please bank-in payment to MSAVA
A/C No. : **3179582618 (Public Bank)**

Please submit the online registration form at
www.msava.org/cpd/register/
or scan the QR code



CONTACT INFO

Malaysian Small Animal Veterinary Association, No. 10A, 2nd Floor, Jalan Mutiara Raya, Taman Mutiara Barat, Cheras, 56000 Kuala Lumpur.
MSAVA Secretariat: 018 347 2276 Email: cpdmsava@gmail.com

ORTHOPEDIC WORKSHOP ON

BASIC TECHNIQUES FOR LONG BONE FRACTURE MANAGEMENT IN DOGS AND CATS

TUTORS PROFILE



PROF. DR. THOTTA NARASIMHALU GANESH

Dr. Thotta Narasimhalu Ganesh graduated from Madras Veterinary College (MVC), India in the year 1978 and obtained B.V.Sc degree from Tamil Nadu Agricultural University (TNAU). He joined his alma mater in 1980 as an academic member of staff. As a result of his passion for surgery, he pursued masters and completed M.V.Sc degree in Veterinary Surgery from TNAU in 1983. In the years to follow, he completed the doctorate programme in 1992 and earned his PhD degree in Veterinary Surgery from Tamil Nadu Veterinary and Animal Sciences University (TANUVAS). His enthusiasm towards orthopaedics led him to select research topics in Small Animal Orthopaedics (such as) femoral head prosthesis for dogs and bone grafting to treat bone defects in dogs for his masters and PhD programs respectively. Furthermore, he persisted his career in Small Animal Orthopaedics by undergoing an AO (Association of

Osteosynthesis) fellowship training under Dr. John E.F.Houlton, the Chief small animal orthopaedic surgeon at Cambridge Veterinary School, UK in the year 1996. Dr. Ganesh was also responsible for many postgraduate research works on orthopaedics and introduced new techniques in orthopaedics at the MVC Teaching Hospital during his time there. Dr. Ganesh mastered his orthopaedic surgical skills further by enduring an advanced training in Small Animal Orthopaedics under the mentorship of Dr.Charles DeCamp, the Specialist small animal orthopaedic surgeon at the College of Veterinary Medicine, Michigan State University, USA during the year 2007.

Dr. Ganesh served Madras Veterinary College, TANUVAS in different roles from 1980 to 2015 and was the Unit officer for Small Animal Orthopaedic Unit for many years. He was Professor and Head, for the Department of Veterinary Surgery and Radiology, Madras Veterinary College and the Director of Clinics, Tamil Nadu Veterinary and Animal Sciences University, Chennai. He has a plethora of global exposure in the

field of teaching and surgery. Dr. Ganesh has worked at 'The University of the West Indies - School of Veterinary Medicine' in Trinidad and Tobago for five years during the period 2008-2013 as the Senior Lecturer in Veterinary Surgery and also as the Specialist Small Animal Orthopaedic Surgeon, at the Veterinary Teaching Hospital. In the recent past, he served Addis Ababa University-College of Veterinary Medicine and Agriculture, Ethiopia as Professor of Veterinary Surgery between November 2016 and April 2017.

Dr. Ganesh has published about 85 papers in peer-reviewed journals and mentored 17 masters and 1 PhD student in Veterinary Surgery as an advisor. He has travelled around the globe to attend conferences for paper presentations and also as a guest speaker.

Since June 2017, Dr.Ganesh is serving the University Malaysia Kelantan-Faculty of Veterinary Medicine as Professor.



ASSOCIATE PROFESSOR DR. RUMAIZI BIN SHAARI

*Deputy Dean, Hospital of Veterinary Medicine
Faculty of Veterinary Medicine Universiti Malaysia Kelantan.*

ACADEMIC QUALIFICATIONS

- 2008** Doctor of Philosophy (Ph.D) (Adelaide)
- 1996** Master of Veterinary Medicine (MVM) (UPM)
- 1995** Doctor of Veterinary Medicine (MVM) (UPM)

FIELD(S) OF SPECIALIZATION

- i) Veterinary surgery (Small Animal, Bone and Soft Tissue Surgery)
- ii) Laboratory Animals management and related issues

LIST 10 SIGNIFICANT JOURNAL PUBLICATIONS (LATEST)

1. Mohammed Mahmood Jawad, Adam Husein, Mohammad Kursheed Alam, Rozita Hassan, Azlina Ahmad & Rumaizi Shaari, 2014, Non-invasive technique of low level laser and low intensity pulsed ultrasound therapy effects on bone remodelling during orthodontic tooth movement. *Tissue Engineering*. Vol. 20 Supplement 1.
2. Adam Husein, Mohammed Mahmood Jawad, Mohammad Kursheed Alam, Azlina Ahmad, Rozita Hassan & Rumaizi Shaari, 2014, The effect of low level laser , low intensity pulsed ultrasound and the combination of them on osteogenesis in vitro. *Tissue Engineering*. Vol. 20 Supplement 1.
3. Mohammed Mahmood Jawad, Adam Husein, Mohammad Kursheed Alam, Rozita Hassan & Rumaizi Shaari, 18 Sept 2012, Overview of non-invasive factors (low level laser and low intensity pulsed ultrasound) accelerating tooth movement during orthodontic treatment. *Lasers in Medical Science (Journal)*.

BRIEF CAREER HISTORY

- 1998**
Lecturer DS45/DS46
(Faculty of Veterinary Medicine , UPM & UVH UPM)
- 2001- 2012**
Lecturer DS52/DS51
(School of Dental Sciences, USM)
- 2012- now**
Lecturer DS53/DS54
(Faculty Of Veterinary Medicine, UMK)



DR. MIMI ARMILADIANA BT MOHAMAD

*Veterinary Officer
Klinik Veterinar UMK
University Malaysia Kelantan*

Dr. Mimi Armiladiana bt Mohamad received her DVM from University Putra Malaysia (UPM) in 2000. After graduation, she worked with Johore Tenggara Oil Palm Bhd in Kota Tinggi as Veterinary Officer for cattle production. Then, in 2002 till 2003, she worked in Segar Animal Clinic, Cheras, Kuala Lumpur as small animal surgeon. She joined her alma mater in 2003 as a Veterinary Officer in Equine unit of University Veterinary Hospital. From 2013 till now, she joined Klinik Veterinar UMK, University Malaysia Kelantan. She handled most of the surgery cases including orthopaedic cases of all species; small animals, large animals, exotic and wildlife that was received by the KVUMK.

4. Tan, Z.N., Wong, W.K., Nik Zairi, Z, Abdullah, B, Rahman, N., Zeehaida M., Rumaizi, S. Lalitha, P, Tan, G. C., Olivos-Garcia, A. & Lim, B. H., (2010), Identification of Entamoeba histolytica trophozoites in fresh stool sample: comparison of three straining techniques and study on viability period of the trophozoites. *Tropical Biomedicine*.
5. Lim, B.H., Wong, W.K., Tan, Z. N., Rahman, N., Zeehaida, LAlitha M. P. Rumaizi, S., and Allonso O. G. (2010). Analysis of Entamoeba histolytica antigen specific for amoebic liver abscess. 46th Malaysia Society of Parasitology and Tropical Medicine. Annual Scientific Conference.
6. Nor Azreera Mohd Ali, Lavaniya Manivannan, Rumaizi Shaari, Nor Hayati Othman, and Siti Amrah Sulaiman(2011). Renal profile of Sprague- Dawley rats following 6 months repeated oral administration of Tualang honey: A preliminary outcome. 16th National Conference on Medical & Health Sciences.