



Curriculum Vitae

Name in full Monchanok Vijarnsorn
Nationality Thai
Present post title Assistant Professor
Employing agency Department of Small Animal Clinical Science, Faculty of Veterinary Medicine, Kasetsart University, Ministry of Education, Thailand

Postal address

Thailand: Department of Small Animal Clinical Science, Faculty of Veterinary Medicine, Kasetsart University
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mvijarnsorn@gmail.com, mvijarnsorn@yahoo.com

Educational qualification:

University Education (with date and degree)

1985-1991	Doctor of Veterinary Medicine (D.V.M) Faculty of Veterinary Medicine, Kasetsart University, Thailand
2000 - 2002	M.Sc. (Small Animal Orthopaedic Surgery) Department of Companion Animals, Atlantic Veterinary College, University of Prince Edward Island, Canada
2003-2007	PhD (Large Animal Clinical Science-Comparative Orthopaedics) Department of Health Management, Atlantic Veterinary College,

University of Prince Edward Island, Canada

2014 - present Diplomate, Thai Board of Veterinary Surgery
College of Veterinary Specialization of Thailand
The Veterinary Council of Thailand

Professional Experience:

1988 Participating in The Friendship Programme for 21st Century at
Japan as Thai veterinary student representative sponsored by
Japan International Cooperation Agency (JICA)

1990 Participating in The Veterinary Student Exchange Programme at
Malaysia as Thai veterinary student representative sponsored by
Federation of Asian Veterinary Association (FAVA)

1991-1992 Private Veterinary Practitioner in companion animal and equine
practice
Animal Farm Veterinary Hospital, Bangkok, Thailand

1992-1994 Academic veterinarian (small animal surgery service)
Veterinary Teaching Hospital, Faculty of Veterinary
Medicine, Kasetsart University

1994-1998 Instructor, Division of Orthopaedic surgery, Department of
Veterinary Surgery, Faculty of Veterinary Medicine,
Kasetsart University

1999-2000 Vice Hospital Director
Veterinary Teaching Hospital, Faculty of Veterinary Medicine,
Kasetsart University

2000-2002 Graduate student in M.Sc. program
Department of Companion Animals,
Atlantic Veterinary College, UPEI

2003-2006 Graduate student in PhD program
Department of Health Management
Atlantic Veterinary College, UPEI

2006 – 2008	Lecturer, small animal surgeon, chief of small animal surgery service and rehabilitation, Kasetsart Veterinary Teaching Hospital, Faculty of Veterinary Medicine, Kasetsart University, Bangkok, Thailand
2009 - 2011	Vice Hospital Director Veterinary Teaching Hospital (Bangkhen campus), Faculty of Veterinary Medicine, Kasetsart University
2011	Co-Course Chairperson AOVET Small Animal Course “Principle in Fracture Treatment” Bangkok Thailand (May 18- 20, 2011)
2011 - 2015	Vice President of the Asian Society of Veterinary Surgery (AiVS)
2011 – 2012	Hospital Director Veterinary Teaching Hospital (Bangkhen campus), Faculty of Veterinary Medicine, Kasetsart University
2015 - 2019	Secretary of Surgery Board Subcommittee The College Veterinary Spacialization of Thailand The Veterinary Council of Thailand
2015 - 2016	President-elected of the Veterinary Practitioner Association of Thailand
2016 - 2018	President of the Veterinary Practitioner Association of Thailand

Scholarships / Awards

- The Japan International Cooperation Agency (JICA) Awarded Funding (1988)
- The Federation of Asian Veterinary Associations (FAVA) Awarded Funding (1990)
- Faculty of Veterinary Medicine, Kasetsart University Scholarship for international training (1999)
- Kasetsart University Development Scholarship (2000-2002)
- Sir James Dunn Animal Welfare Awarded Funding (2001-2002)

- Master of Science Thesis Distinguish Award (2002)
Atlantic Veterinary College, University of Prince Edward Island
- DVM Graduate Program Awards (2003-2006)
Atlantic Veterinary College, University of Prince Edward Island
- Honourable Mention Presentation (2005)
Animal Welfare and Clinical Research, 13th Annual Grad Studies & Research Days, Atlantic Veterinary College, University of Prince Edward Island
- Best Paper Presentation (2006)
Animal Welfare and Clinical Research, 14th Annual Grad Studies & Research Days, Atlantic Veterinary College, University of Prince Edward Island
- Distinguished Public Service Awards (2012)
Faculty of Veterinary Medicine (Main Campus) Kasetsart University
- Distinguished Teaching Awards (2013)
Faculty of Veterinary Medicine (Kamphaeng Saen Campus) Kasetsart University
- Distinguished Alumni Awards (2014)
The Kasetsart University Veterinary Alumni Association (KUVA)
- Distinguished Teaching Awards (2015)
Kasetsart University, Kamphaeng Saen Campus

Professional membership

1992 – Present	Member of The Thai Veterinary Medical Association Under The Royal Patronage
1991 – Present	Member of The Veterinary Practitioner Association of Thailand
2002 – Present	Member of The Veterinary Orthopaedic Society
2005 – Present	Member of The Society of Applied Spectroscopy
2011 – Present	Member of The AOVET - AO Foundation

Training

- Training in small animal orthopaedic surgery at the Atlantic Veterinary College, University of Prince Edward Island, Canada
May – September, 1999
- Training in small animal orthopaedic surgery at the Ontario Veterinary College, University of Guelph, Canada.

October – November, 1999

- AO-ASIF short course in surgical fixation of fracture at the Ontario Veterinary College, University of Guelph, Canada.

October 23rd -24th , 1999

- Short course training in biomedical infrared spectroscopy, Division of infrared spectroscopy, Institute of Biodiagnostics (IBD), National Research Council of Canada (NRC), Winnipeg, Manitoba, Canada.

November 24th –December 5th , 2003

- Short course training in chemometrics (chemometrics without equation), 32nd Federation of Analytical Chemistry and Spectroscopy Societies (FACSS), Quebec City, Canada.

October 9th - 13th , 2005

- Small animal arthroscopy
2nd World Veterinary Orthopaedic Congress and 33rd Annual VOS Meeting.
Keystone Colorado USA

February 25th - March 4th , 2006

- Embryonic stem cell and application in biomedical science workshop,
Embryo Technology and Stem Cell Research Center,
Suranaree University of Technology, Nakhon-Ratchasima. Thailand.

July 23rd - 29th , 2007.

- Universal Total Hip Replacement Course
Ohio State University, Columbus Ohio USA

November 14th -15th , 2008

- ISO 13485: 2003 for medical implants
Faculty of Dentistry, Chulalongkorn University

January, 26th -27th ,2009

- Introduction to Canine Rehabilitation
College of Veterinary Medicine, University of Tennessee,
Knoxville, USA

July, 7th - 8th , 2009

- Physical / Electrotherapeutic Modalities
College of Veterinary Medicine, University of Tennessee,
Knoxville, USA

July, 9th - 11th , 2009

- Therapeutic Exercise Prescription / Aquatic therapy
College of Veterinary Medicine, University of Tennessee,
Knoxville, USA

July, 12nd - 14th , 2009

- Designing & Implementing a Rehabilitation Program
College of Veterinary Medicine, University of Tennessee,
Knoxville, USA

July, 15th - 16th , 2009

- Head to Tail: Treatment for Common Canine Conditions
College of Veterinary Medicine, University of Tennessee,
Knoxville, USA

July, 17th - 18th , 2009

- Basic Laparoscopic Surgery
Rajavithi Hospital, Bangkok, Thailand

Jan 18th, 2010

- AO Trauma Course: Principle in operative fracture management
Bumrungrad International Hospital, Bangkok Thailand

July, 27th-30th, 2010

- Advance Medical Research Data Analysis (AMrDA)
Phramongkutklao College of Medicine

Aug 23rd-27th, 2010

- Basic Video-assisted Thoracoscopic Surgery Symposium 2010
National University, Cancer institute, Singapore

October 19th - 20th, 2012

- Certified Canine Rehabilitation Practitioner Externship Program
Department of Small Animal Clinical Sciences

The University of Tennessee College of Veterinary Medicine

February 25th – March 8th, 2013

- Problem oriented approach (POA) in small animal clinical practice
The Veterinary Speaker Development Programme

The Veterinary Practitioner Association of Thailand

August – December 2013

- OAVET Advanced Techniques in Small Animal Fracture Management
School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan
July 9th -12th, 2015

Teaching Experience

Course	Credit	Degree instructed	Academic Year
General Veterinary Surgery (507411)	3	4 th year veterinary student	1994-2000
Small Animal Surgery (507421)	2	4 th year veterinary student	1994-2000
Small Animal Orthopaedic Surgery (507441)	2	4 th year veterinary student	1994-2000
Clinical Practice in Veterinary Surgery (507681)	4	6 th year veterinary student	1994-2000
Principle of Small Animal Medicine and surgery (507411)	3	4 th year veterinary student	2006 - present
Small Animal Medicine and surgery V (507511)	2	5 th year veterinary student	2006 - present
Clinical Practice in Small animal (507682)	4	6 th year veterinary student	2006 - present
Special Clinic (507685)	3	6 th year veterinary student (elective)	2006 - present
Small Animal Clinical Nutrition (506642)	3	4 th year veterinary student 5 th year veterinary student (elective)	2006 - 2010
Clinical orthopedics (540513)	3	Graduate level	2007 - present

Research Grant Information

- Research Grant from Research and Development Institute of Thailand (1993)
- Research Grant (CAN\$ 21,177)- Ocean Nutrition Canada Ltd. (2000)
- Research Grant (CAN\$ 27,170)- Sir James Dunn Animal Welfare (2001)
- Research Grant (CAN\$ 60,000)- Sir James Dunn Animal Welfare (2003-2006)
- Research Grant (CAN\$ 7,500)- AVC internal research fund (2003-2004)
- Research Grant (463,000 Baht)- Thailand Research Fund (2007-2009)
- Research Grant (400,000Baht)- Kasetsart University Research and Development Institute (2007-2008)
- Research Grant (2,000,000Baht)- Kasetsart University Research and Development Institute (2010)
- Reserch Grant (125,000 Baht) - Research and Development Fund of Faculty of Veterinary Medicine
- Research Grant (289,100 THB) - Pharmalink International Ltd. (Preliminary research)
- Research Grant (1,600,000 THB) - Pharmalink International Ltd. (Multicenter clinical trial)

Research and Publications

- Kiatisewee S., Nilkumhang P., Sakpuaram T.,Theeraleekul T., **Vijarnsorn M.** (1994) Canine brucellosis: The 2-mercaptoethanol-rapid slide agglutination test and bacteriological detection. Original report submitted to Research and Development Institute of Thailand Database.
- Kiatisewee S., Nilkumhang P., Sakpuaram T.,Theeraleekul T., **Vijarnsorn M.** (1997) Canine brucellosis: The 2-mercaptoethanol-rapid slide agglutination test and bacteriological detection. Kasetsart Journal - Natural sciences 31:2 , p.199-205
- Tespreteep A., Pookerd W., **Vijarnsorn M.**, Tirapat B., (1997) Ectopic Ureter. Vet. Pract Assoc Thai J. Vol. 9 No.3-4 p. 97-104
- **Vijarnsorn M.** (2002) The investigation of anti-arthritic effects of a new glucosamine formulation (ONC-114). Master thesis
- **Vijarnsorn M.**, Runyon C., Bailey T., Ryan D.A.J. Anti-arthritic effects of glucosamine in dogs with osteoarthritis: a randomized placebo control trial. (in preparation)
- **Vijarnsorn M.**, Riley C.B., Shaw R.A., McIlwraith C.W., Ryan D.A.J., Rose P., Spangler

E. The use of infrared spectroscopy for diagnosis of traumatic arthritis in horses. *Am J Vet Res* 2006 Aug;67(8):1286-92

- **Vijarnsorn M.**, Riley C.B., Shaw R.A., Ryan, D.A.J., Rose P., Schanbourg M. (2007) Infrared spectroscopy of synovial fluid from horses with tarsocrural osteochondritis. *Am J Vet Res*. May;68(5):517-23
- **Vijarnsorn M.** (2006) Mid-infrared spectroscopy of equine synovial fluid from normal and diseased joints. Dissertation
- R.A. Shaw, S. Low Ying, A. Man, C. Riley, **M. Vijarnsorn**, K.-Z. Liu, and C. Mansfield. "Infrared spectroscopy of biofluids in clinical chemistry and medical diagnostics". In *Modern Concepts in Biomedical Vibrational Spectroscopy*. P. Lasch and J. Kneipp, Eds., pp. 79-104. Wiley-Interscience (John Wiley & Sons), Hoboken, 2008.
- **Vijarnsorn M.** Niyomsujarit J, Numsuwankijkul N, (2011) Assessment of limb function for building a better rehabilitation protocol: Kasetsart VTH experience. *Jap J Vet Anes Sur* ;10(Suppl 2): 234
- **Vijarnsorn M.** (2012) Multimodal approach for management of osteoarthritis. *Animal Husbandry & Veterinary Medicine*: 44:5-7.
- Riley CB, Hou S, **Vijarnsorn M**, Shaw RA. (2014) Biochemical variations among normal equine carpal and tarsocrural joint fluids are detected by infrared spectral characteristics and a modified approach to linear discriminant analysis. *J Vet*:1:Epub. DOI: 10.5176/0000-0003_1.1.1
- **Vijarnsorn M.** (2014) Postoperative rehabilitation for orthopedic patients. *Jap J Vet Anes Sur*; 45(Suppl 2): 242-243

Proceedings

- **Vijarnsorn M**, Riley CB, Shaw RA, Ryan DAJ. (2006) Differentiation between osteochondritic and non-osteochondritic joints by infrared spectroscopy of equine synovial fluid: A preliminary study. *World Veterinary Orthopedic Congress*, Keystone, CO, USA
- Riley CB, **Vijarnsorn M**, Shaw RA, McIlwraith CW, Ryan DAJ. (2006) Diagnosis of joint disease in the horse using infrared spectroscopy. *World Veterinary Orthopedic Congress*, Keystone, CO, USA
- Riley CB, **Vijarnsorn M**, McIlwraith CW, Shaw RA. (2005) Development of disease pattern recognition testing of infrared spectra of synovial fluid for the diagnosis of traumatic arthritis using the horse as model. *Proc 2005 PEIHRI Annual Health Research Forum*,

Crowbush, PE.

- **Vijarnsorn M**, Riley, C. B., Shaw, R.A., Cruz, A.M., Billingham, R.C., McIlwraith C.W. (2003) Analysis of infrared spectra of synovial fluid and serum from horses with Degenerative Joint Disease. *Proc 11th Ann Grad Studies&Res Days*, AVC, Charlottetown PE.
- **Vijarnsorn M**, Riley CB, McIlwraith CW, Shaw RA, Spangler L. (2005) Infrared spectroscopy of synovial fluid combined with disease pattern recognition technique for the diagnosis of traumatic arthritis using the horse as model. *Proc 13th Ann Grad Studies&Res Days*, AVC, Charlottetown PE.
- Wongsasiripat N, Weerakidpanit S, **Vijarnsorn M**, Maneesay P, Kashemsant N. (2007) Canine insulinoma: a case report *Proc VPAT Regional Veterinary Congress 2007*, Bangkok Thailand
- **Vijarnsorn M**. (2007) The use of infrared spectroscopy for diagnosis of traumatic arthritis in horses. *Proc Seminar IR Spectroscopy*, National Synchrotron Research Center, Korat, Thailand
- Saganpak S, Phupak P, Lekcharoensuk C, **Vijarnsorn M**. (2008) Correlation of Platelet count, buccal mucosal bleeding time and surgical bleeding time in dogs. *Proc VPAT Regional Veterinary Congress 2008*, Bangkok, Thailand
- **Vijarnsorn M**. (2008) Fracture Management for Practitioners. *Proc VPAT Regional Veterinary Congress 2008*, Bangkok, Thailand
- **Vijarnsorn M**, Dyce J, Aumarm W, Teuk-am S, Niyomsujarit J. (2009) Cementless total hip replacement: what do we learn from our first canine patient in Thailand. *Proc The 2nd Federation of Asian Small Animal Veterinary Associations Congress 2009*. Bangkok, Thailand
- Terdvikran C, Panyangarm D, Wachirodom R, Wongprasert N, **Vijarnsorn M**. (2010) Development of an effective radiographic method for tibial plateau angle measurement in dogs: a pilot study. *Proc VPAT Regional Veterinary Congress 2010*, Bangkok, Thailand
- **Vijarnsorn M**, Tuchpramuk P. (2010) Assessment of symmetry indices of the ground reaction force using a pressure sensitive walkway in clinically normal dogs at trot. *Proc VPAT Regional Veterinary Congress 2010, Bangkok, Thailand*
- Chantakru S, Thanamai N, **Vijarnsorn M**, Kashemsant N. (2011) Transplantation of canine bone marrow derived mesenchymal stem cells: from bench to bed side. *Proc 36th Conference on Veterinary Sciences*, Bangkok, Thailand.

- **Vijarnsorn M.** (2011) Small Animal Rehabilitation: An overview. *Proc the Joint Veterinary Congress and the Asian Meeting of the Animal Medicine Specialties (VRVC – AMAMS 2011)* , Bangkok Thailand
- Silphawidh M, Boonwittaya N, Dulchart A, Numsuwankijkul N, **Vijarnsorn M.** (2011) The uses of therapeutic ultrasound and low-level laser therapy to improve limb function after surgical treatment of scapulohumeral osteochondrosis: A case report. *Proc the Joint Veterinary Congress and the Asian Meeting of the Animal Medicine Specialties (VRVC – AMAMS 2011)* , Bangkok Thailand
- **Vijarnsorn M.** (2011) Orthopedic examination and diagnostic tools. *Proc The Animal Health Conference of the Northern Region of Thailand (การประชุมวิชาการสุขภาพสัตว์ภาคเหนือ ประจำปี 2554)*, Chiang Mai University, Chiang Mai, Thailand
- **Vijarnsorn M.** (2011) Roles of Rehabilitation in Small Animal Orthopedics. *Proc The Animal Health Conference of the Northern Region of Thailand (การประชุมวิชาการสุขภาพสัตว์ภาคเหนือ ประจำปี 2554)*, Chiang Mai University, Chiang Mai, Thailand
- **Vijarnsorn M.** (2011). Key Aspects in Fracture Management Practitioners Should not Miss. *Proc The Animal Health Conference of the Northern Region of Thailand (การประชุมวิชาการสุขภาพสัตว์ภาคเหนือ ประจำปี 2554)*, Chiang Mai University, Chiang Mai, Thailand
- **Vijarnsorn M.** (2012) Diagnosis and treatment of common orthopedic problem. *Proc The 13th KKU Veterinary Annual Conference 2012 (International Conference on Transboundary Diseases: Impact on ASEAN One Health)*, Khon Kaen, Thailand
- **Vijarnsorn M.** (2012) Lameness examination and orthopedic assessment. *Proc The 13th KKU Veterinary Annual Conference 2012 (International Conference on Transboundary Diseases: Impact on ASEAN One Health)*, Khon Kaen, Thailand
- **Vijarnsorn M.** (2012) Rehabilitation for orthopedic patients: tips and tricks. *Proc The 13th KKU Veterinary Annual Conference 2012 (International Conference on Transboundary Diseases: Impact on ASEAN One Health)*, Khon Kaen, Thailand
- **Vijarnsorn M.** (2013) NSAIDs and other analgesic techniques in orthopedic surgery. *Proc.The 3rd Asian Meeting of Animal Medicine Specialties(AMAMS 2013)*. Bogor, Indonesia

- **Vijarnsorn M.** (2013) Diagnosis and practical surgical technique for common stifle disorders. *Proc. The 3rd Asian Meeting of Animal Medicine Specialties (AMAMS 2013)*. Bogor, Indonesia
- Upariputti R., **Vijarnsorn M.**, Niyom S. (2014) The effect of interferential current therapy on limb functioning in dogs with hip osteoarthritis: A preliminary investigation. *Proc. The 2nd Asia Pacific Veterinary Conference (APVC 2014)*. Bangkok, Thailand.
- Sahapibonchai P., **Vijarnsorn M.**, Tharanon W. (2014) Screw-acrylic bar technique for mandibular fracture fixation in canine: a proof of concept study. *Proc. The 39th International Conference on Veterinary Science (ICVS 2014)*. Bangkok, Thailand.
- Kwananocha I., Vijarnsorn M., Kashemsant N., Lekcharoensuk C. (2015) The Effectiveness of Marine Based Fatty Acid Compound and NSAIDs for the Treatment of Canine Osteoarthritis: a preliminary study. *Proc. The 40th World Small Animal Veterinary Association Congress (WSAVA 2015)*. Bangkok, Thailand.
- Vijarnsorn M. (2016) Management of osteoarthritis. *Proc. The 3rd national meeting of Indonesian Small Animal Association (ISAPVA)*. Bali, Indonesia.

Oral Presentation

- | | |
|----------------|---|
| March 28, 1998 | <p>“How to set up an operation room in a private veterinary clinic”</p> <p>Thai small animal veterinary practitioner seminar</p> <p>Kasetsart Veterinary Teaching Hospital (Nong Pho campus), Ratchaburi, Thailand.</p> |
| April 7, 1999 | <p>“Surgical tips for private practitioners”</p> <p>Thai small animal veterinary practitioner seminar (2nd)</p> <p>Kasetsart Veterinary Teaching Hospital (Nong Pho campus), Ratchaburi, Thailand.</p> |
| Nov 19, 1999 | <p>“Fracture management for private practitioners”</p> <p>30th Anniversary Kasetsart Veterinary Teaching Hospital Seminar Series</p> <p>Faculty of Veterinary Medicine, Kasetsart University, Bangkok, Thailand.</p> |
| April 12, 2002 | <p>“Force Plate Analysis - Theory & Practice”</p> <p>Department of Companion Animal Seminar.</p> |

- Atlantic Veterinary College, University of Prince Edward Island, Canada.
- June 12, 2003 “Analysis of infrared spectra of synovial fluid and serum from horses with Degenerative Joint Disease”
The 11th Annual Graduate Studies & Research Days,
Atlantic Veterinary College, University of Prince Edward Island, Canada.
- May 19, 2005 “Infrared spectroscopy of synovial fluid combined with disease pattern recognition technique for the diagnosis of traumatic arthritis using the horse as model”
The 13th Annual Grad Studies & Research Days, Atlantic Veterinary College, University of Prince Edward Island, Canada
- May 10, 2006 “Reagent-free tests for disease diagnosis using Fourier Transform Infrared Spectroscopy”
Rendez-vous Biosciences May 10th, 2006
Delta Hotel Moncton NB, Canada.
- May 18, 2006 “Establishment of a method for diagnosis of traumatic arthritis in the horse using infrared spectroscopy”
The 14th Annual Grad Studies & Research Day, Atlantic Veterinary College, University of Prince Edward Island. Canada
- October 2, 2007 “The use of infrared spectroscopy for diagnosis of traumatic arthritis in horses”
Brainstorming workshop for the feasibility of design and application of Infrared spectromicroscopy,
National synchrotron Research Center, Korat, Thailand
- October 15, 2007 “Pain Management in Senior Pets”
Senior Pet Care and Management Seminar.
Fortune Hotel, Bangkok, Thailand
- March 26, 2008 “Pain Management in Senior Pets II”.
Senior Pet Care and Management Seminar.
Centara Hotel & Resort, Phuket, Thailand
- April 30, 2008 “Fracture Management for Practitioners”

- VPAT Regional Veterinary Congress.
Queen Sirikit National Convention Center. Bangkok, Thailand
- May 21, 2008 “Diagnostic Approach: Upper Arm to Shoulder”
“How to fix the disease of upper arm to shoulder in orthopedics surgery”
The Veterinary Orthopedic Society of Thailand (VOST) seminar series
Sofitel Central Plaza, Bangkok, Thailand.
- May 29, 2008 “Weight reduction as a strategy for management of osteoarthritis”
Royal Canin CE program: Weight Management program in dogs and
Cats.
Queen Sirikit National Convention Center. Bangkok, Thailand
- Sep 19, 2008 “Bone structure and healing: a practitioner’s perspective”
Basic Fracture Management in Small Animal Practice Workshop
Kasetsart University Veterinary Teaching Hospital (19th -21st Sep 2008)
- Jan 31, 2009 “Basic principle of fracture management for practitioners”
Krungsri Veterinary Hospital, Ayudhya, Thailand
- Feb 18, 2009 “Injectable anesthesia in small animal clinical practice”
Convention Center, Chulabhorn Research Institute
Bangkok, Thailand
- Jan 14-15, 2010 “Rehabilitation: road to recovery for our small animal patients”
1st Small Animal Rehabilitation Workshop
Kasetsart Veterinary Teaching Hospital
Faculty of Veterinary Medicine, Kasetsart University
Bangkok, Thailand
- Jun 12, 2010 “Joint Surgery”
Kosa Hotel, Khonkaen province, Thailand
- Oct 13, 2010 “Principle of Orthopedics: what we should know”

The Indonesian Small Animal Practitioner International Conference
(1st ISAPIC) that held together with IVMA 16th National Congress and
11th National Veterinary Scientific Conference (IVMA CCE) in Semarang,
Indonesia

- Oct 13, 2010 “How to deal with difficult cases of fracture and joint problems”
The Indonesian Small Animal Practitioner International Conference (1st ISAPIC) that held together with IVMA 16th National Congress and 11th National Veterinary Scientific Conference (IVMA CCE) in Semarang, Indonesia
- Nov 24, 2010 “Fracture and joint problem management”
Veterinary Practitioner Association of Thailand (VPAT) Continuing Education Program
Maruay Garden Hotel, Bangkok, Thailand
- Jan 30, 2011 “Assessment of limb function for building a better rehabilitation protocol: Kasetsart VTH experience”
The 1st Asian Meeting of Veterinary Surgery (AMVS), Fukuoka, Japan
- May 10, 2011 Small Animal Rehabilitation: an overview
The 2011 Joint Veterinary Congress and the Asian Meeting of the Animal Medicine Specialties (VRVC – AMAMS 2011)
Impact Exhibition and Convention Center, Bangkok, Thailand
- May 16, 2011 “Lameness examination”
Seminar series: Small Animal Joint Disease in Practice
Kasetsart University Veterinary Teaching Hospital
- May 16, 2011 “Principle of joint surgery”
Seminar series: Small Animal Joint Disease in Practice
Kasetsart University Veterinary Teaching Hospital
- July 10, 2011 “Orthopedic examination”
Diana Garden Resort, Pattaya, Chonburi, Thailand
- October 17, 2011 “Multi-modal Analgesia”
Pfizer Animal Health Expert Forum APAC- Small Animal Pain Management
Hyatt Regency, Jeju, Korea
- December 8, 2011 “Orthopedic examination and diagnostic tools”
The Animal Health Conference of the Northern Region of Thailand

- Chiang Mai University, Chiang Mai, Thailand
- December 8, 2011 “Roles of Rehabilitation in Small Animal Orthopedics”
The Animal Health Conference of the Northern Region of Thailand
Chiang Mai University, Chiang Mai, Thailand
- December 8, 2011 “Key Aspects in Fracture Management Practitioners Should not Miss”
The Animal Health Conference of the Northern Region of Thailand
Chiang Mai University, Chiang Mai, Thailand
- February 27, 2012 “Revolutionizing Veterinary Clinical Training for the Future of Asia”
The 11th Asian Association of Veterinary School Conference (AAVS)
Chulalongkorn University, Bangkok, Thailand
- June 7, 2012 “Diagnosis and treatment of common orthopedic problem”
The 13th KKU Veterinary Annual Conference 2012 (International Conference on Transboundary Diseases: Impact on ASEAN One Health),
Kosa Hotel, Khon Kaen, Thailand
- June 7, 2012 “Lameness examination and orthopedic assessment”
The 13th KKU Veterinary Annual Conference 2012 (International Conference on Transboundary Diseases: Impact on ASEAN One Health),
Kosa Hotel, Khon Kaen, Thailand
- June 7, 2012 “Rehabilitation for orthopedic patients: tips and tricks”
The 13th KKU Veterinary Annual Conference 2012 (International Conference on Transboundary Diseases: Impact on ASEAN One Health),
Kosa Hotel, Khon Kaen, Thailand
- September 20, 2012 “Osteoarthritis Staging”
Intercontinental Hotel, Bangkok, Thailand
- September 20, 2012 “Assessment of Osteoarthritis”
Intercontinental Hotel, Bangkok, Thailand
- September 20, 2012 “Practical Osteoarthritis Management”
Intercontinental Hotel, Bangkok, Thailand
- November 24, 2012 “Multimodal approach for osteoarthritis management”
The 2nd Conference for Asian Society of Veterinary Surgery (AiSVS) and
the 19th Symposium of Society of Veterinary Surgery (CAAV), Nanjing
Agricultural University, Nanjing China
- July 5, 2013 What you should know before starting rehabilitation clinic

- The Thai Veterinary Council Annual Conference 2013
Asia hotel, Bangkok, Thailand
- July 29-30, 2013 Application of pin and wire
Basic orthopedic for practitioner
Faculty of Veterinary Science, Mahidol University
Nakornpathom
- July 29-30, 2013 Plate and screw application
Basic orthopedic for practitioner
Faculty of Veterinary Science, Mahidol University
Nakornpathom
- August 22, 2013 Tips of osteoarthritis management in dogs
Zoetis Asia Speaker Tour
Centara Grand Hotel, Bangkok, Thailand
- October 9, 2013 Managing lameness with confidence
The Empress Hotel, Chiangmai, Thailand
- November 22, 2013 Tips of osteoarthritis and pain management in dogs
The 7th MUT Veterinary Annual Conference 2013
Faculty of Veterinary Medicine, Mahanakorn University of Technology
Bangkok, Thailand
- December 15, 2013 NSAIDs and other analgesic techniques in orthopedic surgery.
The 3rd Asian Meeting of Animal Medicine Specialties(AMAMS 2013)
IPB International Conventional Center
Bogor, Indonesia
- December 15, 2013 Diagnosis and practical surgical technique for common stifle
The 3rd Asian Meeting of Animal Medicine Specialties(AMAMS 2013)
IPB International Conventional Center
Bogor, Indonesia
- March 10, 2014 Pain management for orthopedic surgery
The 1st Small Animal Orthopedic Symposium of the Northern Region of
Thailand
The Empress Hotel, Chaing Mai, Thailand
- March 10, 2014 Things to consider when dealing with broken bone
The 1st Small Animal Orthopedic Symposium of the Northern Region of

Thailand

The Empress Hotel, Chaing Mai, Thailand

- November 11, 2014 Systematic Approach for Orthopedic Examination
Fundamental Ortopedic examination Seminar
Faculty of Veterinary Science, Chulalongkorn University
Bangkok, Thailand
- November 12, 2014 Interlocking nail
Principle in Small Animal Fracture Management Seminar
Faculty of Veterinary Science, Chulalongkorn University
Bangkok, Thailand
- November 12, 2014 Decision Making In Fracture Repair
Principle in Small Animal Fracture Management Seminar
Faculty of Veterinary Science, Chulalongkorn University
Bangkok, Thailand
- November 27, 2014 An overview of small animal rehabilitation
Small animal rehabilitation seminar: Physical modalities from theory to
practice
Faculty of Veterinary Medicine, Kasetsart University
Bangkok, Thailand
- December 6, 2014 Post operative Rehabilitation for orthopedic patients
The 4th Annual Congress of Asian Society of Veterinary Surgery
International House, Osaka, Japan
- December 7, 2014 The College of Veterinary Specialties of Thailand and Residency Training
Program
The 4th Annual Congress of Asian Society of Veterinary Surgery
International House, Osaka, Japan
- December 14, 2014 Systematic Approach for Orthopedic Examination
Fundamental Ortopedic examination Seminar
Faculty of Veterinary Medicine, Chiang Mai University
Chiang Mai, Thailand
- December 15, 2014 Interlocking nail
Principle in Small Animal Fracture Management Seminar

- Faculty of Veterinary Medicine, Chiang Mai University
Chiang Mai, Thailand
- December 15, 2014 Decision Making In Fracture Repair
Principle in Small Animal Fracture Management Seminar
Faculty of Veterinary Medicine, Chiang Mai University
Chiang Mai, Thailand
- April 2, 2015 How to successfully diagnose the joint diseases
Kasetsart Joint Seminar: โรคข้อที่คุณหมอต้งรู้
Faculty of Veterinary Medicine, Kasetsart University
Bangkok, Thailand
- April 2, 2015 Disease Modifying Osteoarthritis Agents: concepts and clinical relevance
Kasetsart Joint Seminar: โรคข้อที่คุณหมอต้งรู้
Faculty of Veterinary Medicine, Kasetsart University
Bangkok, Thailand
- June 17, 2015 Systematic Approach for Orthopedic Examination
Fundamental Ortopedic examination Seminar
Faculty of Veterinary Science, Mahidol University
Nakornpathom, Thailand
- 18 June, 2015 Interlocking nail
Fundamental Ortopedic examination Seminar
Faculty of Veterinary Science, Mahidol University
Nakornpathom, Thailand
- 18 June, 2015 Decision Making In Fracture Repair
Fundamental Ortopedic examination Seminar
Faculty of Veterinary Science, Mahidol University
Nakornpathom, Thailand
- 22 September, 2015 Role of Omega-3 in the Treatment of Canine Osteoarthritis
Seminar: Osteoarthritis what is it for now
Faculty of Veterinary Medicine, Kasetsart University
Bangkok, Thailand
- 22 February, 2016 Management of Osteoarthritis
Masterclass lecture

	The 3rd national meeting of Indonesian Small Animal Association Sanur Hotel, Bali, Indonesia
22 February, 2016	Bone plating in pelvic fracture The 3rd national meeting of Indonesian Small Animal Association Sanur Hotel, Bali, Indonesia
24 February, 2016	Post congress workshop: Pelvic repair The 3rd national meeting of Indonesian Small Animal Association Sanur Hotel, Bali, Indonesia
22 March, 2016	Fracture in young animals: Technique of fracture fixation Precongress workshop: Fracture diagnosis and repair in small animal The 17th Khon Kaen Veterinary Annual International Conference (KVAC 2016), Faculty of Veterinary Medicine, Khon Kaen University Khon Kean Thailand
24 March, 2016	Small Animal Orthopedic Examination in Clinical Practice The 17th Khon Kaen Veterinary Annual International Conference (KVAC 2016) Centara Hotel & Convention, Khon Kaen, Thailand
15 June, 2016	Osteoarthritis and rehabilitation Seminar: Moving forward with orthopedic and neurological rehabilitation Kasetsart University Veterinary Teaching hospital , Kasetsart University, Bangkok, Thailand
16 June 2016	The Role of Omega-3 in the Treatment of Joint Diseases Seminar: Sharing best practices on internal medicine Radison Blue Hotel, Bangkok, Thailand

Current research activity

- Spectroscopic analysis of serum and synovial fluid in dogs with osteoarthritis
- Canine mesenchymal stem cell
- Development of orthopaedic implants (plate and screw)
- Force plate gait analysis using pressure sensitive platform
- Development of underwater treadmill for dogs
- The efficacy of Interferential current stimulation in dogs with hip osteoarthritis
- Preliminary Study for Compare the Effect between Green-Lipped Mussel

Supplement (PCSO-524) Carprofen and Glucosamine and Chondroitin Sulphate
in the Treatment of Canine Osteoarthritis

- Mandibular repair using screw acrylic bar technique (SAB)
- Development of Mandibular prosthesis
- The effect of laser therapy on bone healing and inflammation