



AROM JEDSADAYANMATA

Curriculum Vitae

PERSONAL DATA

Office: Associate Professor and Dean
Faculty of Pharmacy
Thammasat University
Khlung Luang, Pathum Thani 12121
THAILAND
E-mail: aromj@staff.tu.ac.th
Phone: 66-86-4053059 (mobile)

EDUCATION

Doctor of Philosophy (Pharmacology) College of Medicine, University of Illinois at Chicago	2001
Doctor of Pharmacy (Honors) College of Pharmacy, University of Illinois at Chicago	1995
Bachelor of Science in Pharmacy (Second Class Honors) Faculty of Pharmaceutical Sciences, Chulalongkorn University	1991

TRAINING & CERTIFICATION

In Pharmacy

Board Certified Pharmacotherapy (BCP) College of Pharmacotherapy of Thailand	2001-present
Board Certified Pharmacotherapy Specialist (BCPS.) Board of Pharmaceutical Specialties, USA	2001-2008
Certificate of Residency Training in Pharmacy Practice with Emphasis in Critical Care College of Pharmacy, University of Illinois at Chicago	2001

In Intellectual Property

Certificate in Intellectual Property Law and Management Central Intellectual Property and International Trade Court	2007
--	------

Certificate of Patent Drafting Training
World Intellectual Property Organization (WIPO) 2006

Certificate of Patent and Petty Patent Drafting Training
Patent Office, Intellectual Property Division,
Thailand Ministry of Commerce 2006

ACADEMIC APPOINTMENT

Associate Professor 2015-Present
Faculty of Pharmacy, Thammasat University

Associate Professor 2013-2015
Department of Pharmacy Practice, Naresuan University

Assistant Professor 2005-2013
Department of Pharmacy Practice, Naresuan University

Instructor 1995-2005
Department of Pharmacy Practice, Naresuan University

ADMINISTRATIVE APPOINTMENT

Dean 2019-present
Faculty of Pharmacy, Thammasat University

Associate Dean for Academic Services and Professional Affairs 2016-2019
Faculty of Pharmacy, Thammasat University

Associate Dean for Academic Affairs and Pharmacy Education 2013-2015
Faculty of Pharmacy, Naresuan University

Associate Dean for Policy, Planning and Research 2011-2013
Faculty of Pharmacy, Naresuan University

Assistant to the University President 2005-2008
Naresuan University

Chief of Intellectual Property Service 2005-2008
Naresuan University

Associate Dean for Academic Affairs 2002-2004
Faculty of Pharmacy, Naresuan University

PROFESSIONAL EXPERIENCE

Part-time Community Pharmacist 2015-present
Osot Dome Pharmacy

Editor-in-Chief Naresuan University Journal	2005-2009
Part-time Community Pharmacist Medicare Pharmacy, Phitsanulok	2002-2004
Research Assistant Department of Pharmacology, University of Illinois	1999-2001
Clinical Pharmacist Department of Pharmacy, Uthaihani Hospital	1991-1993

PUBLICATIONS

Refereed Articles

Pattamawan Kosuma, **Arom Jedsadayamata**. Pre-admission use medications predict favorable outcomes during hospitalization among chronic heart failure patients. **Manuscript in preparation.**

Supinya Dechanont, **Arom Jedsadayamata**, Bodin Butthum, Chuenjid Kongkaew. Hospital admissions associated with medication related problems in Thai elderly: a multi-center prospective observational study. *Journal of Patient Safety*. **Manuscript accepted.**

Yuttana Wongsalap, **Arom Jedsadayamata**. Trends and predictors of high-intensity statin therapy and LDL-C goal achievement among Thai patients with acute coronary syndrome. *Journal of Cardiology*. 2019 <https://doi.org/10.1016/j.jjcc.2019.08.012>

Kosuma P, **Jedsadayamata A**. Prevalence and predictors of statin treatment in Thai patients with chronic heart failure. *Clinical Medicine Insights: Cardiology* 2019; 13: 1179546819855656.

Pattamawan Kosuma, Sitichok Wachirasrisirikul, **Arom Jedsadayamata**. Attributable costs of postoperative atrial fibrillation among patients undergoing cardiac surgery. *Cardiology Research and Practice*. Volume 2018, Article ID 3759238, 5 pages, <https://doi.org/10.1155/2018/3759238>

Supinya Dechanon, **Arom Jedsadayamata**, Bodin Butthum, Chuenjid Khongkaew. Hospital outpatient visits associated with medication-related problems in Thailand: A multicenter prospective observational study. *Journal of patient Safety*. 2017 doi: 10.1097/PTS.0000000000000367.

Swanya Yakaew, Khwunjit Itsarasook, Jatuporn Ngoenkam, **Arum Jesadayannameta**, Jarupa Viyoch & Malyn Ungsurungsie. Ethanol extract of *Terminalia chebula* fruit protects against UVB-induced skin damage. *Pharmaceutical Biology*, 2016; 54(11): 2701-2707. doi: 10.1080/13880209.2016.1179768

Wirun Thaungsuwan, **Arom Jedsadayamata**. Effect of Pharmacist Participation in Multidisciplinary Team for Home Visit on Blood Pressure and Drug Adherence of Stroke Patients. *Thai Journal of Pharmacy Practice*, 2016; 8:48-57.

Suwatinee Intree, **Arom Jedsadayamata**. Discontinuation rate of hormonal therapy in early stage breast cancer patients. *IJPS*, March 2015; 11(Supplement): 89-93

Jedsadayamata A. Patterns and Adherence to Guidelines of Antithrombotic Therapy in Thai Patients with Nonvalvular Atrial Fibrillation. *J Med Assoc Thai* 2013; 96 (1): 91-8.

Charoenung T., Nimpitakpong P, Chaijinda K, **Jedsadayamata A**. Development of a questionnaire based on the Theory of Planned Behavior to identify factors affecting pharmacists' intention to consult physicians on drug-related problems. Published as full paper in the proceedings of the 1st Mae Fah Luang University International Conference 2012, Chiang Rai, Thailand.

Laosap J, Nimpitakpong P, Kongkaew C, **Jedsadayamata A**. Development and validation of an instrument to assess general knowledge of stroke. Published as full paper in the proceedings of the 1st Mae Fah Luang University International Conference 2012, Chiang Rai, Thailand.

Santithien S, **Jedsadayamata A**. Salient beliefs about insulin therapy among Thai type 2 diabetes. G_G0052. Published as full paper in the proceedings of the 38th Congress on Science and Technology of Thailand 2012, Bangkok, Thailand.

Jenghua K, **Jedsadayamata A**. Rate and predictors of early readmission among Thai patients with heart failure. *J Med Assoc Thai* 2011; 94 (7): 782-8.

Chotchaisuwatana S, **Jedsadayamata A**, Chaiyakunapruk N, Jampachaisri K. Validation of Electronic Medical Database in Patients with Atrial Fibrillation in Community Hospitals. *J Med Assoc Thai* 2011; 94 (6): 686-92.

Jedsadayamata A. Zonisamide: Review of clinical efficacy and safety in refractory partial epilepsy. *Naresuan University Journal*. 2006; 14(1): 23-33.

Xing B, Thuppal S, **Jedsadayamata A**, Du X, Lam SC. TA205, an anti-talin monoclonal antibody, inhibits integrin-talin interaction. *FEBS Lett*. 2006; 580 (8): 2027-32.

Jedsadayamata A. In vitro antiglycation activity of arbutin. *Naresuan University Journal*. 2005; 13(2): 35-42.

Xing B, **Jedsadayamata A**, Lam SC. Localization of an integrin binding site to the C-terminus of talin. *J Biol Chem*. 2001; 276: 44373-8.

Patil S, **Jedsadayamata A**, Wencel-Drake JD, Wang W, Knezevic I, Lam SC. Identification of a talin-binding site in the integrin beta(3) subunit distinct from the NPLY regulatory motif of post-ligand binding functions. The talin N-terminal head domain interacts with the membrane-proximal region of the beta(3) cytoplasmic tail. *J Biol Chem*. 1999; 274: 28575-83.

Jedsadayamata A, Chen CC, Kireeva ML, Lau LF, Lam SC. Activation- dependent adhesion of human platelets to Cyr61 and Fisp12/mouse connective tissue growth factor is mediated through integrin alpha(IIb)beta(3). *J Biol Chem*. 1999; 274 (34): 24321-7.

Book

Jedsadayamata A. Pharmacotherapy of atrial fibrillation. Phitsanulok: Focus Printing. (*Written in Thai*)

Book Chapters

Jedsadayamata A. Drugs and the elderly. In: Geriatric Medicine (p 420-429). Bangkok: Faculty of Medicine, Thammasat University. (*Written in Thai*)

Jedsadayamata A. Pharmacotherapy of Non-ST-elevation Acute coronary Syndromes. In: Pharmacotherapy of Cardiovascular Disorders (p 198-219). Bangkok: Faculty of Pharmaceutical Sciences, Chulalongkorn University. (*Written in Thai*)

Jedsadayamata A. Hypertension. (2014). In: Textbook of Family Pharmacy Pharmacists (p 291-319). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Dyslipidemia. (2014). In: Textbook of Family Pharmacy Pharmacists (p 321-340). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Stable ischemic heart disease. (2014). In: Textbook of Family Pharmacy Pharmacists (p 341-348). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Acute coronary syndromes. (2014). In: Textbook of Family Pharmacy Pharmacists (p 349-365). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Atrial fibrillation. (2014). In: Textbook of Family Pharmacy Pharmacists (p 367-398). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Chronic heart failure. (2014). In: Textbook of Family Pharmacy Pharmacists (p 399-412). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Ischemic stroke. (2014). In: Textbook of Family Pharmacy Pharmacists (p 413-429). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Updated clinical practice guideline of hypertension: A guide for pharmacists. (2014). In: Advancing Pharmacy Practice Towards Service Plan (p 297-309). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Updated clinical practice guideline of hypertension: A guide for pharmacists. (2014). In: Advancing Pharmacy Practice Towards Service Plan (p 297-309). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Updated clinical practice guideline of hypertension: A guide for pharmacists. (2014). In: Advancing Pharmacy Practice Towards Service Plan (p 297-309). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. New dyslipidemia management guideline: Good or bad news for our patients. (2014). In: *Advancing Pharmacy Practice Towards Service Plan* (p 311-323). Bangkok: The Association of Hospital Pharmacy (Thailand). *(Written in Thai)*

Jedsadayamata A. Pharmacotherapy in atrial fibrillation. (2014). In: *Contemporary Reviews in Pharmacotherapy 2014* (p 191-231). Khonkaen: Khon Khaen University Press. *(Written in Thai)*

Jedsadayamata A. Acute management of NSTEMI: How many antiplatelet agents do we need? (2013) In: *The flourishing pharmacy profession: Continuity of pharmaceutical care.* (p3-21). Bangkok: The Association of Hospital Pharmacy (Thailand). *(Written in Thai)*

Pakdee P, **Jedsadayamata A.** Novel anticoagulants in prevention of thromboembolism in atrial fibrillation. (2011) In: *Advances in pharmacotherapy in cardiology* (p 103-114). Bangkok: Chulalongkorn University.

Pakdee P, **Jedsadayamata A.** Management of atrial fibrillation: Focused update on the antithrombotic therapy. (2011). In: *Contemporary Reviews in Pharmacotherapy 2011* (p 209-20). Bangkok: The Thailand College of Pharmacotherapy. *(Written in Thai)*

Mama W, **Jedsadayamata A.** Antithrombotic therapy for acute ischemic stroke. In: *Contemporary Reviews in Pharmacotherapy 2011* (p 221-32). Bangkok: The Thailand College of Pharmacotherapy. *(Written in Thai)*

Kosuma P, **Jedsadayamata A.** Are dual antiplatelets in combination with oral anticoagulants appropriate in management of patients with ACS undergoing PCI and atrial fibrillation? (2010) In: *Contemporary Reviews in Pharmacotherapy 2010* (p 279-90). Bangkok: The Thailand College of Pharmacotherapy. *(Written in Thai)*

Jedsadayamata A. Essential skills in caring for patients with hypertension. (2009). In: *Professional Development for Hospital Pharmacists.* (p. 93-116). Bangkok: The Association of Hospital Pharmacy (Thailand). *(Written in Thai)*

Sakunrak I, Jedsadayamata A. Practice and pitfalls of pharmaceutical care in cardiology: The evidence-based approach. (2009). In: *Contemporary Reviews in Pharmacotherapy 2009* (p 163-78). Bangkok: The Thailand College of Pharmacotherapy. *(Written in Thai)*

Jedsadayamata A. Vasopressors and inotropes in management of shock. (2008). In: *Advances in Pharmacotherapeutics and Pharmacy Practice 2008* (p 1-14). Bangkok: Thailand Hospital Pharmacy Association. *(Written in Thai)*

Jedsadayamata A. Medical management of valvular heart diseases. (2008). In: *Contemporary Reviews in Pharmacotherapy 2008* (p 79-95). Bangkok: The Thailand College of Pharmacotherapy. *(Written in Thai)*

Jedsadayamata A. Which statin is the best for hypercholesterolemia treatment? : Clinical perspectives. (2007) In: *Integrated Pharmacy Knowledge and Practice* (p. 13-27). Phitsanulok: School of Pharmacy, Naresuan University. *(Written in Thai)*

Jedsadayamata A. Updated pharmacotherapy in secondary prevention of ischemic stroke. (2007). In: *Advances in Pharmacotherapeutics and Pharmacy Practice 2007* (p. 63-77). Bangkok: The Association of Hospital Pharmacy (Thailand). (*Written in Thai*)

Jedsadayamata A. Insulin initiation: Barriers and roles of the Pharmacists. (2007) In: *Reviving Course for Clinical Pharmacists 2007* (p. 59-75). Bangkok: Faculty of Pharmacy, Srinakharinwirot University. (*Written in Thai*)

Jedsadayamata A. Management of hypertension in patients with cardiovascular diseases. (2007). In: *Contemporary Review in Pharmacotherapy* (p. 29-50). Bangkok: The Thailand College of Pharmacotherapy. (*Written in Thai*)

Jedsadayamata A. Pharmaceutical care in oncology. (2003). In: *Advanced Pharmacotherapeutics* (p. 94-117). Songkhla: Faculty of Pharmacy at Prince Songkhla University. (*Written in Thai*)

Jedsadayamata A. Pharmaceutical care in epilepsy. (2003). In: *Advanced Pharmacotherapeutics* (p.). Songkhla: Faculty of Pharmacy at Prince Songkhla University. (*Written in Thai*)

Jedsadayamata A. New strategies in glucose control. (2002). In: *Advances in Pharmaceutical Care and Pharmacotherapeutics* (p. 57-73). Bangkok: Faculty of Pharmacy, Mahidol University. (*Written in Thai*)

Continuing Pharmacy Education

Ventricular rate control in acute atrial fibrillation

Article available online from the website: <http://ccpe.pharmacycouncil.org/>
Published on 11 April 2018

Amiodarone: Pharmacology and therapeutic uses in atrial fibrillation

Article available online from the website: <http://ccpe.pharmacycouncil.org/>
Published on 31 March 2017

Amiodarone: Adverse drug reactions and monitoring in atrial fibrillation

Article available online from the website: <http://ccpe.pharmacycouncil.org/>
Published on 31 March 2017

INVITED SPEAKERS

Aspirin and statins in the primary prevention of cardiovascular diseases

Given to health professionals in the conference entitled Preventive Care in Medicine, organized by the Faculty of Medicine, Thammasat University, on August 9, 2019.

Pharmacology of lipid-lowering agents: focused on non-Statin therapy added to statins

Given to health care professionals in the conference organized by the Association of Thai Heart Physicians on March 23, 2019.

Management of hypertension: an update

Given to pharmacists in the conference entitled Pharmaceutical Care in Chronic Diseases organized by the Faculty of Pharmacy, Prince of Songkhla University on May 5, 2019.

Overview of phosphodiesterase 5 inhibitors

Given to health professionals in the conference entitled Integrated Eye Care 2018, organized by the Center of Eye Care, Thammasat University, on November 29, 2018.

Drugs and elderly

Given to health professionals in the conference entitled Geriatric Medicine, organized by the Faculty of Medicine, Thammasat University, on August 24, 2018.

PSCK9 inhibitors

Given to health professionals in the conference entitled Cardiology Conference, organized by the Thai Heart Association, on March 24, 2018.

Enhancing medication safety in patients with acute coronary syndromes

Given to physicians, nurses, and pharmacists in the conference entitled Care of Patients with Cardiovascular Diseases, organized by the Center of Cardiology, Thammasat University, on December 1, 2017.

Management of Hypertension

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Narai Hotel, Bangkok, on March 6, 2017.

Management of Hypertension

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Royal Paradise, Pathong, Phuket Hotel, on March 23, 2016.

Management of Dyslipidemia

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Royal Paradise, Pathong, Phuket Hotel, on March 23, 2016.

Pharmacotherapy in Secondary Prevention of Ischemic Stroke

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Royal Paradise, Pathong, Phuket Hotel, on March 23, 2016.

Management of Hypertension: Review and Update for Pharmacists

Given to pharmacists in the conference organized by the Community Pharmacy of Phuket Province at the Royal City Hotel, Muang, Phuket on March 22, 2016.

Pharmacotherapy of Non-ST-Elevation Acute Coronary Syndromes

Given to pharmacists in the conference entitled Pharmacotherapy in Cardiovascular Diseases III, organized by Faculty of Pharmaceutical Sciences, Chulalongkorn University, at Tawanna Hotel, Bangkok, on August 20, 2015.

Drugs Used in non-communicable diseases.

Given to pharmacy technicians in the conference entitled Development of Pharmacy Technicians and Research Presentation, organized by the Sirindhon College of Public Health, Yala, at the Mathavalai Resort and Spa, Cha-um, Petchburi, on June 10, 2015.

Review and Update on Hypertension and Diabetes

Given to nurse practitioners in the conference entitled Conference in nursing management of chronic diseases, organized by the College of Nursing, Naresuan University, at the College of Nursing, Naresuan University, Phitsanulok, on May 27, 2015.

English for communication in pharmacy services

Given to pharmacy technicians and pharmacy technician students in the conference organized by the Sirindhon College of Public Health, Chonburi, at the Royal Cruise, Pattaya, Chonburi, on May 8, 2015.

Pharmacotherapy in Dyslipidemia

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Royal Paradise, Pathong, Phuket Hotel, on March 24, 2015.

Pharmacotherapy in Hypertension

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Royal Paradise, Pathong, Phuket Hotel, on March 25, 2015.

Drug Use for Fluid and Electrolyte Disorders, Drug Use in Geriatrics and Pregnancy and Lactation

Given to nurse practitioners in the conference entitled Conference in Nursing Practitioner Training Program (NP 14), organized by the Borromrajchonnee College of Nursing, at the Borromrajchonnee College of Nursing, Phitsanulok, on October 10, 2014.

Pharmacotherapy in Dyslipidemia

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Sofitel Phuket Hotel, on June 16, 2014.

Pharmacotherapy in Atrial Fibrillation

Given to pharmacists in the conference entitled Pharmaceutical care in chronic diseases, organized by the Faculty of Pharmaceutical Sciences, Prince of Songkhla University, at the Sofitel Phuket Hotel, on June 16, 2014.

Updated clinical practice guideline of hypertension: A guide for pharmacists

Given to pharmacists in the conference entitled Advancing Pharmacy Practice Towards Service Plan, organized by the Thailand Hospital Pharmacy Association, at the Golden Tulip Hotel, on June 13, 2014.

New dyslipidemia management guideline: Good or bad news for our patients

Given to pharmacists in the conference entitled Advancing Pharmacy Practice Towards Service Plan, organized by the Thailand Hospital Pharmacy Association, at the Golden Tulip Hotel, on June 13, 2014.

New oral anticoagulants: Pharmacology, safety and clinical applications

Given to pharmacists in the conference organized by the Faculty of Pharmaceutical Sciences, Naresuan University, at the Grand Riverview Hotel, Phitsanulok, on February 21, 2013.

Update in anticoagulation therapy

Given to pharmacist in the conference entitled Advanced Pharmacotherapeutics I, organized by the Faculty of Pharmacy, Khonkhan University, at the Pullman Hotel, Khonkhan, on the November 27, 2013.

New trends in cardiovascular diseases

Given to pharmacist in the conference entitled Advanced Pharmacoterapeutics I, organized by the Faculty of Pharmacy, Khonkhan University, at the Pullman Hotel, Khonkhan, on the November 26, 2013.

Warfarin: administration and monitoring

Given to pharmacy technicians in the conference organized by the Faculty of Pharmaceutical Sciences, Naresuan University, at the Holiday Garden Hotel, Chiangmai, on November 20, 2013.

New oral anticoagulants: Pharmacology, safety and clinical applications

Given to pharmacists in the conference organized by the Faculty of Pharmaceutical Sciences, Naresuan University, at the Holiday Garden Hotel, Chiangmai, on November 20, 2013.

Pharmacotherapy in hypertension and dyslipidemia

Given to pharmacists in the conference entitled Basic clinical skill workshop for family pharmacist, organized by the Thailand Hospital Pharmacy Association, at Narai Hotel, Bangkok, on October 31, 2013.

Benefits of ARBs beyond blood pressure lowering

Given to pharmacist in the conference entitled Cardiometabolic and neurology forum, organized by the Siam Pharmaceuticals, at Rancho Charnvee Resort, Khao Yai, Nakhon Ratchasima, on October 6, 2013.

Update on novel antiplatelets and anticoagulants: A clinical perspective for best practice

Given to pharmacists and pharmacy students in the conference entitled KKU Pharmacy Practice Forum: Enhancing clinical pharmacy application, organized by the Faculty of Pharmacy, Khonkhan University, at the Pullman Hotel, Khonkhan, on the September 20, 2013.

Benefits of ARBs beyond blood pressure lowering

Given to pharmacist in the conference entitled Cardiometabolic and neurology forum, organized by the Siam Pharmaceuticals, at Dhevamantra Resort, Kanchanburi, on September 1, 2013.

Drugs used in management of chronic disease.

Given to nurse practitioners in the conference entitled Conference in nursing management of chronic diseases, organized by the Borromrajchonnee College of Nursing, at the Borromrajchonnee College of Nursing, Phitsanulok, on July 29-30, 2013.

Update on new anticoagulants

Given to pharmacists and pharmacy students in the conference organized by the Faculty of Pharmacy, Phayao University, at the Phaya Ngammuang Auditorium, Phayao, on June 13, 2013.

Review and update of secondary stroke prevention

Given to pharmacists in the conference entitled Pharmaceutical care for patients with chronic diseases, organized by the Faculty of Pharmacy, Prince of Songkhla University, at the Diamond Plaza Hotel, Suratthani, on May 24, 2013

Pharmacotherapy in atrial fibrillation

Given to pharmacists in the conference entitled Pharmaceutical care for patients with chronic diseases, organized by the Faculty of Pharmacy, Prince of Songkhla University, at the Diamond Plaza Hotel, Suratthani, on May 23, 2013.

Acute management of NSTEMI: How many antiplatelet agents do we need? (2013)

Given to pharmacists in the conference entitled The Flourishing Pharmacy Profession: Continuity of Pharmaceutical Care, organized by the Thailand Hospital Pharmacy Association, at the Thai Medical Association Building, on May 21, 2013.

Drugs used in endocrinologic disorders and cardiovascular system

Given to registered nurses in the conference entitled Training for nurse practitioners (basics in disease management) organized by the Faculty of Nursing, Naresuan University, at the Faculty of Nursing, Naresuan University, on March 8, 2013.

Anticoagulant therapy: 2012 review and update

Given to pharmacists in the conference entitled The first annual conference 2013 of the community of pharmacist for heart and vascular disease, organized by the Thailand Hospital Pharmacy Association, at Narai Hotel, Bangkok, on March 1, 2013.

Update treatment guideline for hypertension and dyslipidemia

Given to pharmacists in the conference organized by the Thailand Hospital Pharmacy Association, at the Thai Medical Association Building, on January 23, 2013.

Novel anticoagulants in prevention of thromboembolism in atrial fibrillation.

Given to pharmacists in the conference entitled Pharmacotherapy in Cardiovascular Diseases III, organized by Faculty of Pharmaceutical Sciences, Chulalongkorn University, at Asia Hotel, Bangkok, on August 19, 2011.

Management of atrial fibrillation: Focused update on the antithrombotic therapy.

Given to pharmacists in the conference entitled Contemporary Reviews in Pharmacotherapy 2011, organized by the College of Pharmacotherapy of Thailand, at Phramongkutklao Hospital, Bangkok, on July 27, 2011

Antithrombotic therapy for acute ischemic stroke.

Given to pharmacists in the conference entitled Contemporary Reviews in Pharmacotherapy 2011, organized by the College of Pharmacotherapy of Thailand, at Phramongkutklao Hospital, Bangkok, on July 27, 2011

Are dual antiplatelets in combination with oral anticoagulants appropriate in management of patients with ACS undergoing PCI and atrial fibrillation?

Given to pharmacists in the conference entitled Contemporary Reviews in Pharmacotherapy 2010, organized by the College of Pharmacotherapy of Thailand, at Chulalongkorn Hospital, Bangkok, on July 30, 2010

Antithrombotic therapy in cerebrovascular disease: 2008 update

Given to pharmacists in the conference entitled Intensive Anticoagulation Training Workshop organized by the Thailand Hospital Pharmacy Association, at Windsor Suite Hotel, Bangkok, on December 4, 2008

Pharmacotherapy of acute coronary syndromes

Given to physicians, nurses and pharmacists in the conference entitled Update Management of Acute Coronary Syndromes organized by the Queen Sirikit Heart Institute of Northeastern Thailand at Queen Sirikit Heart Institute of Northeastern Thailand auditorium, on September 12, 2008.

Pharmacotherapy of cardiovascular disorders in primary care unit

Given to nurses in the conference entitled Drug Use in Primary Care organized by the faculty of Nursing, Naresuan University, on July 27, 2008.

Medical management of valvular heart diseases

Given to pharmacists in the conference entitled Advanced Pharmacotherapeutics and Pharmacy Practice 2008 organized by the Thailand College of Pharmacotherapy, at Chulalongkorn Hospital Auditorium, on May 8, 2008.

Pharmaceutical care for hypertension in community pharmacy

Given to community pharmacists in the conference entitled Pharmaceutical Care for Hypertension in Community Pharmacy at Ubon International Hotel, Ubon Ratchathani, on April 26, 2008.

Update in management of acute coronary syndromes

Given to clinical pharmacists in the conference organized by Faculty of Pharmacy, Naresuan University, Phitsanulok at Topland Plaza Hotel, on April 26, 2008.

Pharmacotherapy in hypertension and ischemic stroke

Given in the conference entitled Pharmaceutical Care in Chronic Diseases organized by the Faculty of Pharmacy, Prince of Songkhla University, Hat Yai, Songkhla on March 25, 2008.

Drugs used in dyslipidemia, hypertension and diabetes

Given to pharmacists and nurses at the conference organized by The Department of Pharmacy, Pichit Hospital, at Pichit Hospital Auditorium, on January 23, 2008.

Management of antithrombotic therapy in atrial fibrillation & cerebrovascular disease

Given to clinical pharmacists in the conference entitled Anticoagulation Intensive Training Program, organized by The Thailand Hospital Pharmacy Association, at the Twin Tower Hotel, on December 21, 2007.

Updated pharmacotherapy in secondary prevention of ischemic stroke

Given to pharmacists in the conference organized by the Thailand Hospital Pharmacy Association, at the Thai Medical Association Building, on October 24, 2007.

Strategies for pharmacist to overcome barriers to the initiation of insulin therapy

Given to clinical pharmacists in the conference organized by the Faculty of Pharmacy, Srinakharindwirot University, at Maruay Garden Hotel, on August 16, 2007.

Management of hypertension in patients with cardiovascular diseases

Given to pharmacists in the conference entitled Contemporary Review in Pharmacotherapy and Pharmacy Practice organized by The Thai College of Pharmacotherapy, Bangkok, at Chulalongkorn Hospital Auditorium, on May 5, 2006.

Pharmacotherapy in hypertension and ischemic stroke

Given to pharmacists in the conference entitled Pharmaceutical Care in Chronic Diseases organized by the Faculty of Pharmacy, Prince of Songkhla University, Hat Yai, Songkhla on February 7-8, 2006.

Cardiovascular risk management

Given to community pharmacist in the conference organized by the Faculty of Pharmacy, Naresuan University, Phitsanulok at Asia Airport Hotel, on February 25, 2006.

Management of hypertensive patients with compelling indications

Given to pharmacists in the conference organized by Faculty of Pharmacy, Naresuan University, Phitsanulok at Topland Plaza Hotel, on January 18, 2007.

Erythropoietin: Adverse drug reactions

Given to pharmacists in the conference organized by The Thai Food and Drug Administration, Bangkok, on August 18, 2006.

Dietary supplements for weight loss

Given to community pharmacist in Phitsanulok Province, the conference organized by the Medical Sciences Service Center, at Pailin Hotel, Phitsanulok, on July 27, 2006.

Dietary supplements for prevention of cardiovascular diseases: Evidence and considerations

Given to pharmacists at the conference entitled Annual Conference in Pharmacy Practice, organized by Thailand Hospital Pharmacy Association, Bangkok, on July 30, 2006.

Drug-induced cardiac arrhythmias

Given to pharmacist preceptors at the conference entitled Drug Induced-diseases, organized by the Faculty of Pharmacy, Naresuan University, Phitsanulok at Topland Plaza Hotel, on May 1, 2006.

Anticoagulant therapy monitoring

Given at the conference entitled Basic Drug Therapy Monitoring, organized by the Faculty of Pharmacy, Srinakarinwirote University and Chulalongkorn University, Bangkok, at Maruay Garden Hotel on April 18, 2006.

Medications in critical care nursing

Given at the conference entitled Critical care Nursing, organized by The Nursing Society of Phitsanulok, at Naresuan University Hospital on March 30, 2006.

Pharmacotherapy of epilepsy

Given at the conference entitled Advanced Pharmacotherapeutics, organized by the Faculty of Pharmacy, Prince of Songkhla University, Hat Yai, Songkhla on January 23, 2006.

Pharmacology of anticancer chemotherapy

Given to clinical pharmacists at Buddhachinaraj Hospital on August 16, 2005.

Inpatient management of hyperglycemia

Given to pharmacists in the conference entitled Development of Clinical Skills for Preceptors in Medicine and Clinical Pharmacokinetics Clerkship, organized by the faculty of Pharmacy, Naresuan University, Phitsanulok, on August 4, 2005.

Antiaging antioxidant products

Given at the Annual Conference of the North Pharmacists for Development of Adverse Drug Reaction Network, Phitsanulok, on June 2, 2005.

RESEARCH ACTIVITIES

Investigators

Project title: Incidence, risk factors and outcomes of postoperative atrial fibrillation among patients undergoing cardiac surgery.

Funding: The research grant from Naresuan University for the academic year 2014.

Project title: Safety of Piper Longum extract in healthy volunteer-the Phase I clinical trial.

Funding: The Thailand Research Fund Agency (TRF), 2008.

Project title: In vitro inhibitory effect of arbutin on advanced glycation endproducts formation.

Funding: The research grant from the Faculty of Pharmacy, Naresuan University for the academic year 2006.

Project title: Investigation of antiplatelet activities of Thai medicinal plant extracts.

Funding: The research grant from the Faculty of Pharmacy, Naresuan University for the academic year 2002.

Research supervisors for undergraduate students

Rate and predictors of LDL-C goal achievement among patients with acute coronary syndromes: Systematic review and meta-analysis, *undergraduate PharmD. student project 2019*.

Adherence to and beliefs about lipid-lowering drugs among patients currently taking statins, *undergraduate student project 2019*.

Factors predicting the use of statins in patients diagnosed with chronic heart failure, *undergraduate student project 2014*.

Factors predicting the use of rennin-angiotensin-aldosterone system antagonists in patients diagnosed with chronic heart failure, *undergraduate student project 2014*.

Effect of preadmission use of beta-blockers on mortality, length of stay and cost in Thai patients with chronic heart failure, *undergraduate student project 2013*.

Pattern of utilization and effect of beta-blockers on hospitalization in Thai patients with chronic heart failure, *undergraduate student project 2013*.

Readmission rate and its predictors among patients admitted with acute ischemic stroke, *undergraduate student project 2009*

Drug utilization pattern and outcomes among patients admitted with acute ischemic stroke, *undergraduate student project 2009*

Development of a test to assess knowledge of patients with hypertension, *undergraduate student project 2009*

Development of an information booklet for patients at risk of ischemic stroke, *undergraduate student project 2009*

Readmission rate and its predictors among patients admitted with acute coronary syndromes, *undergraduate student project 2008*

Antithrombotic utilization pattern among patients with atrial fibrillation, *undergraduate student project 2008*

Screening for inhibitory effects of Thai plant extract on advanced glycation endproducts formation, *undergraduate research project 2007*

Inhibitory mechanism of arbutin on advanced glycation endproducts formation, *undergraduate student project, 2007*

Knowledge and practice of community pharmacist on dyspepsia management, *undergraduate student project 2006*

Expectation of pharmacist on discharge counseling in general medicine service, *undergraduate student project 2006*

Research supervisors for graduate students

Predictors and outcomes of LDL-C achievement in patients hospitalized with acute coronary syndromes. *Fellowship in cardiology project 2018*.

Effect of pharmacist participation in home visit on blood pressure control in patients with stroke, *MS Thesis 2014*.

Pattern of drug utilization in patients with coronary artery diseases from a tertiary-care private hospital in Thailand, *MS Thesis 2013*.

Incidence and Factors affecting discontinuation and survival of breast cancer patients taking aromatase inhibitors, *MS Thesis 2013*.

Incidence, risk factors and outcomes of postoperative atrial fibrillation among patients undergoing cardiac surgery. *Fellowship in cardiology project* 2013.

Perceived severity and susceptibility of stroke among patients at high risk. *MS Thesis* 2010.

Pharmacists' intention to consult physicians on drug-related problems in patients with cardiovascular diseases. *MS Thesis* 2010.

Knowledge and self-care behaviors among Thai patients with chronic heart failure, *MS Thesis* 2009.

Factors affecting intention on insulin injection among Thai type 2 diabetics based on the Theory of Planned Behaviors, *MS Thesis* 2009.

Adherence to antithrombotic guideline in patients with atrial fibrillation in community hospitals, *MS Thesis* 2009.

Readmission rate and its predictors among patients hospitalized with heart failure, *PhD project* 2007.

Impact of community pharmacist on cardiovascular risk management, *MS students independent study project*, 2007

TEACHING EXPERIENCES

Didactic teaching

Undergraduate Courses at Thammasat University (2016 to 2019)

Pharmacotherapeutics I

Introduction to medical records and SOAP note	Lecture 2 hr
Physical examination: basics for pharmacy students	Lecture 2 hr
Principles of Infectious Diseases	Lecture 4 hr
Pharmacotherapy of community acquired pneumonia	Lecture 2 hr
Insomnia and anxiety disorders	Lecture 2 hr
Parkinson and Alzheimer's disease	Laboratory 2 hr
Depression, bipolar disorders, Schizophrenia	Laboratory 2 hr
Drugs in pregnancy and lactation	Lecture 2 hr; Laboratory 3 hr

Clinical Pharmacokinetics

Aminoglycosides	Lecture 2 hr
Vancomycin	Lecture 2 hr
Digoxin	Lecture 2 hr
Warfarin	Lecture 2 hr
Valproic acid and carbamazepine	Lecture 2 hr
Lithium	Lecture 2 hr
Cyclosporin and tacrolimus	Lecture 2 hr

Pharmacoepidemiology

Causation in epidemiology	Lecture 3 hr
Linear and logistic regression	Lecture 3 hr

Proportional hazard regression	Lecture 3 hr
Randomized controlled trial	Lecture 3 hr
Systematic review and meta-analysis	Lecture 3 hr
<i>Research Methodology in Pharmacy</i>	
Literature review	Lecture 2 hr
Variables and Measurement scale	Lecture 2 hr
Measurement validity and reliability	Lecture 2 hr
Sampling and sample size determination	Lecture 2 hr
Research proposal	Lecture 2 hr
Research presentation	Laboratory 4 hr
<i>Pharmacotherapeutics II</i>	
Hypertension	Lecture 2 hr
Dyslipidemia	Lecture 2 hr
Coronary artery disease	Lecture 2 hr
Chronic heart failure	Lecture 2 hr
Atrial fibrillation	Lecture 2 hr
Ischemic stroke	Lecture 2 hr
Cardiovascular disease laboratory	Laboratory 4 hr
<i>Drug Information and Literature Evaluation</i>	
Development of printed materials for patient education	Lecture 1 hr Laboratory 3 hr
Preparation of drug monograph	Lecture 1 hr Laboratory 9 hr
Adverse drug reactions reporting	Lecture 1 hr Laboratory 3 hr
Drug information and medication safety	Lecture 1 hr Laboratory 3 hr
Quality assurance in drug information service	Lecture 1 hr Laboratory 3 hr
Evidence-based pharmaceutical care	Lecture 1 hr Laboratory 3 hr
Literature evaluation: RCTs and meta-analysis	Lecture 3 hr Laboratory 9 hr

Undergraduate Courses at Naresuan University (2002-2015)

Applied Pharmacotherapeutics II

Pharmacotherapy of diabetes mellitus	Lecture 3 hr; Laboratory 9 hr
Pharmacotherapy of dyslipidemia	Lecture 3 hr; Laboratory 3 hr
Pharmacotherapy of hypertension	Lecture 3 hr; Laboratory 3 hr
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr; Laboratory 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr; Laboratory 3 hr
Integrated pharmaceutical care in cardiology	Laboratory 3 hr
Counseling practice in cardiology	Laboratory 3 hr

Applied Pharmacotherapeutics III

Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr; Laboratory 6 hr
Pharmacotherapy of cerebrovascular disorders	Lecture 2 hr; Laboratory 3 hr
Principles of anticoagulation management	Lecture 3 hr; Laboratory 3 hr

Warfarin counseling practice	Laboratory 3 hr
<i>Pharmacology for Allied Health Sciences</i>	
Introduction to Pharmacodynamics and Pharmacokinetics for Medical Technology	Lecture 2 hr
Introduction to Pharmacology for Cardiothoracic Technology	Lecture 3 hr
Pharmacology of Antiarrhythmic Drugs	Lecture 3 hr
Pharmacology of Analgesics and Anti-inflammatory Agents	Lecture 3 hr
Therapeutic Drug Monitoring	Lecture 2 hr
<i>Law for Cosmetics</i>	
Intellectual Property Law	Lecture 2 hr
<i>Professional Communication</i>	
Practical English in Dispensing Pharmacy	Lecture 1 hr, Laboratory 3 hr
<u>Graduate Courses at Naresuan University</u> (2002 to 2015)	
<i>Evidence-based Pharmacotherapy</i>	
Evidence-based pharmacotherapy in cardiology	Lecture 4 hr; Laboratory 6 hr
Evidence-based pharmacotherapy in diabetes	Lecture 2 hr; Laboratory 6 hr
<i>Advanced Cardiology Pharmacotherapy</i>	
Hypertension	Lecture 3 hr; Laboratory 3 hr
Dyslipidemia	Lecture 3 hr; Laboratory 3 hr
Stable coronary artery disease	Lecture 3 hr; Laboratory 3 hr
Acute coronary syndromes	Lecture 3 hr; Laboratory 3 hr
Chronic heart failure	Lecture 3 hr; Laboratory 3 hr
Cardiac Arrhythmias	Lecture 3 hr; Laboratory 3 hr
Cerebrovascular diseases	Lecture 3 hr; Laboratory 3 hr
Anticoagulation	Lecture 3 hr; Laboratory 3 hr
<i>Applied Pharmacotherapy in Community Pharmacy</i>	
Cardiovascular risk management	Lecture 6 hr; Laboratory 6 hr
Gastrointestinal disorders	Lecture 3 hr; Laboratory 3 hr
<i>Clinical Nutrition</i>	
Nutrition in cardiovascular diseases	Lecture 3 hr
Nutrition in diabetes	Lecture 3 hr
Nutrition in obesity	Lecture 3 hr
Enteral nutrition	Lecture 3 hr
<u>Invited Lectures</u>	
<i>Faculty of Pharmaceutical Sciences, Chulalongkorn University</i> (2008-2009)	
Pharmacotherapy of dyslipidemia	Lecture 3 hr
Pharmacotherapy of hypertension	Lecture 3 hr

Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr
Pharmacotherapy of cerebrovascular disorders	Lecture 3 hr
<i>Faculty of Pharmacy, Srinakharindwirot University (2008-2010)</i>	
Pharmacotherapy of dyslipidemia	Lecture 3 hr
Pharmacotherapy of hypertension	Lecture 3 hr
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr
Principles of anticoagulation management	Lecture 3 hr
<i>Faculty of Pharmacy, Srinakharindwirot University (2010-2016)</i>	
Pharmacotherapy of atrial fibrillation	Lecture 3 hr
Pharmacotherapy of acute coronary syndromes	Lecture 3 hr
<i>Faculty of Pharmaceutical Sciences, Walailak University (2009-2010)</i>	
Pharmacotherapy of dyslipidemia	Lecture 2 hr
Pharmacotherapy of hypertension	Lecture 2 hr
Pharmacotherapy of ischemic heart diseases	Lecture 2 hr
Pharmacotherapy of chronic heart failure	Lecture 2 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 2 hr
Principles of anticoagulation management	Lecture 2 hr
<i>Faculty of Pharmaceutical Sciences, Walailak University (2012-2015)</i>	
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 4 hr
<i>Faculty of Pharmacy, Siam University (2008-2011)</i>	
Pharmacotherapy of hypertension	Lecture 3 hr
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr
Pharmacotherapy of venous thromboembolism	Lecture 3 hr
Principles of anticoagulation management	Lecture 3 hr
<i>Faculty of Pharmacy, Siam University (2013-2014)</i>	
Pharmacotherapy of hypertension	Lecture 3 hr
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr
Pharmacotherapy of venous thromboembolism	Lecture 3 hr
Principles of anticoagulation management	Lecture 3 hr
<i>Faculty of Pharmacy, University of Phayao (2011-2016)</i>	
Pharmacotherapy of ischemic heart diseases	Lecture 6 hr
Pharmacotherapy of chronic heart failure	Lecture 6 hr
Pharmacotherapy of atrial fibrillation	Lecture 6 hr

Pharmacotherapy of Ischemic stroke	Lecture 6 hr
Principles of anticoagulation management	Lecture 6 hr
<i>Faculty of Pharmacy, Rangsit University (2012-2015)</i>	
Pharmacotherapy of dyslipidemia	Lecture 3 hr
Pharmacotherapy of hypertension	Lecture 3 hr
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr
Principles of anticoagulation management	Lecture 3 hr
<i>Faculty of Pharmacy, Eastern Asia University (2015)</i>	
Pharmacotherapy of dyslipidemia	Lecture 3 hr
Pharmacotherapy of hypertension	Lecture 3 hr
Pharmacotherapy of ischemic heart diseases	Lecture 3 hr
Pharmacotherapy of chronic heart failure	Lecture 3 hr
Pharmacotherapy of cardiac arrhythmias	Lecture 3 hr
Pharmacotherapy of ischemic stroke	Lecture 3 hr
Pharmacotherapy of peripheral arterial disease	Lecture 3 hr
Pharmacotherapy of venous thromboembolism	Lecture 3 hr

Experiential teaching

Clinical preceptors in evidence-based pharmacotherapy (3-6 students/year) Faculty of Pharmacy, Naresuan University	2013-2014
Clinical preceptors for advance pharmaceutical care (1-3 student/year) Internal Medicine, Naresuan University Hospital	2008-2014
Clinical preceptors in medicine clerkship (6 students/year) Internal Medicine, Naresuan University Hospital	2008-2010
Clinical preceptors in ambulatory care clerkship (6 students/year) Outpatient pharmacy, Naresuan University Hospital	2005-2006

HONORS & SCHOLARSHIPS

Honors for Excellence in Teaching in Pharmacy Faculty of Pharmaceutical Sciences, Naresuan University	2012
Honors for Excellent in Teaching in Pharmacy Faculty of Pharmaceutical Sciences, Naresuan University	2008
Research Assistant Scholarship Department of Pharmacology, University of Illinois at Chicago	1998-2001
Honors Award in Pharmacy School of Pharmacy, University of Illinois at Chicago	1994-1995
Scholarship for Studying Aboard Thailand Office of Civil Service Commission	1993-1998
Top Score Award in Toxicology Faculty of Pharmaceutical Sciences, Chulalongkorn University	1990

PROFESSIONAL AFFILIATION

The Thailand College of Pharmacotherapy	2004-present
The Thailand Association of Hospital Pharmacists	2002-present
The Thailand Society of Pharmacology	2001-present

LICENSURE

Thailand registered pharmacist	1991-present
Illinois registered pharmacist	1995-2003