

Curriculum vitae

Name : Arintaya Phrommintikul

Address: Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai 50210, Thailand

Present position: Lecturer and consultant in Division of Cardiology, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
Staff in Cardiac Electrophysiology Research and Training Center, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

Education:

1987-1993: MD (first class honor): Faculty of Medicine, Prince of Songkla University, Songkla, Thailand
1993-1997: Board of Internal Medicine: Faculty of Medicine, Prince of Songkla University, Songkla, Thailand
2000-2003: Board of Cardiology: Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2005-2007: Fellow in cardiac MRI. Department of Medicine, Alfred Hospital, Melbourne, Victoria, Australia

Honours / Awards

2000: Thai Heart Association Award (first prize) for Thai cardiology fellowship research proposal
2002: Thai Heart Association Scholarship for Top score of Board Cardiology examination
2004: Thai Heart Association Young Investigator Award

Working experiences:

1993-1997: Resident of Internal Medicine, Songklanagarind hospital, Songkla, Thailand
1997-2000: Internist at Phuket Adventist hospital
2000-2003: Fellow in Cardiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2002-present: Lecturer and consultant in Division of Cardiology, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2005-2007: Visiting academic, Department of Epidemiology & Preventive Medicine, Monash University, Melbourne, Victoria, Australia

Publications:

Kemp W, Kompa A, Phrommintikul A, Herath C, Zhiyuan, Angus P, McLean C, Roberts C, Krum H. Urotensin II modulates hepatic fibrosis and portal haemodynamic alterations in rats. *Am J Physiol Gastrointest Liver Physiol* August 6, 2009 (Epub ahead of print)

Rutjanaprom W, Kanlop N, Charoenkwan P, Sittiwangkul R, Srichairatanakool S, Tantiworawit A, **Phrommintikul A**, Chattipakorn S, Fucharoen S, Chattipakorn N. Heart Rate Variability in Beta-Thalassemia Patients. *Eur J Haematol*. 2009 Jul 6. (Epub ahead of print)

Phrommintikul A, Hassan Abdel-Aty H, Schulz-Menger J, Friedrich MG, Taylor AJ. Acute edema in the evaluation of microvascular reperfusion and myocardial salvage in reperfused myocardial infarction with cardiac magnetic resonance imaging. *Eur J Radiol* 2009.

Wongcharoen W, **Phrommintikul A**. The Protective Role of Curcumin in Cardiovascular Diseases. *Int J Cardiol*. 2009; 133(2):145-51. Iles L, Pfluger H, **Phrommintikul A**, Cherayath J, Aksit P, Gupta SN, Kaye DM and Taylor AJ. Evaluation of Diffuse Myocardial Fibrosis in Heart Failure With Cardiac Magnetic Resonance Contrast-Enhanced T1 Mapping. *J Am Coll Cardiol* 2008; 52:1574-80

Pfluger HB, **Phrommintikul A**, Mariani JA, Cherayath JG and Taylor AJ. Utility of Myocardial Fibrosis and Fatty Infiltration Detected by Cardiac Magnetic Resonance Imaging in the Diagnosis of Arrhythmogenic Right Ventricular Dysplasia—A Single Centre Experience. *Heart Lung Circ*. 2008 Jun 4. POISE Study Group. Effects of extended-release metoprolol succinate in patients undergoing non-cardiac surgery (POISE trial): a randomised controlled trial. *Lancet*. 2008, 31;371(9627):1839-47.

Wongcharoen W, Benjanuwattra T, Pongprot Y, Rachakom C, **Phrommintikul A**. Inappropriate Implantable Cardiac Defibrillator Shock due to Couplet Premature Ventricular Contractions. *Pacing Clin Electrophysiol*. 2008, 31(5):609-12

Phrommintikul A, Kuanprasert S, Limpijankit T, Hengrassamee K. In-hospital invasive strategy and outcomes in non-ST elevation acute coronary syndrome management from Thai Acute Coronary Syndrome Registry. *J Med Assoc Thai*. 2007, 90 Suppl 1:74-80

Wangkaew S, Kasitanon N, **Phrommintikul A**, Sukitawut W, Wichainun R, Louthrenoo W. Pulmonary arterial hypertension in Thai patients with systemic sclerosis. *J Med Assoc Thai*. 2008, 91(2):166-72

Phrommintikul A, Tran L, Kompa A, Wang B, Adhrahtas A, Cantwell D, Krum H. Effects of a rho kinase inhibitor on pressure overload induced cardiac hypertrophy and associated diastolic dysfunction. *Am J Physiol Heart Circ Physiol*. 2008; 294: H1804–H1814

Pattaracharee W, **Phrommintikul A**, Chattipakorn N. Matrix metalloproteinase. *Can J Cardiol*. 2007; 23(9):727-33.

Phrommintikul A, Hass SJ, Elsik M, Krum H. Mortality and haemoglobin concentrations in anaemic patients with chronic kidney disease treated with erythropoietin: a meta-analysis. *Lancet* 2007; 369: 381-88

Phrommintikul A, Sukonthasarn A, Kanjanavanit R, Nawarawong W. Splenectomy : a strong risk factor for pulmonary hypertension in Thalassemic patients. *Heart*. 2006 Oct; 92(10):1467-72.

Phrommintikul A, Chattipakorn N. Roles of Cardiac Ryanodine Receptor in Heart Failure and Sudden Cardiac Death. *Int J Cardiol*. 2006 Sep 20;112(2):142-52.

Wongthepien W, Kuanprasert S, **Phrommintikul A**, Sukonthasarn A, Anti-Xa level of enoxaparin via intrafemoral sheath in percutaneous coronary intervention: A pilot study from Chiang Mai, Thailand. *Thai Heart Journal* 2006;19:7-14

Prasertwitayakij N, Sukonthasarn A, Kanjanawanit R, Kuanprasert S, **Phrommintikul A**. Effects of sildenafil on pulmonary artery pressure in thalassemic patients. *Thai Heart Journal* 2006;19:63-72

Wongcharoen W, **Phrommintikul A**, Sukonthasarn A, Kanjanavanit R, Kuanprasert S. A predictive model for distinguishing ischemic from non-ischemic cardiomyopathy. *J. Med Thai. Ass.* 2005; 11: 1689-96

Peers review abstracts:

Phrommintikul A, Kanjanavanit R, Amaritakomol A, Topaiboon P and Wiangosot W. CM:: Comprehensive heart failure program “keeping the patients away from hospital”. Abstract presentation. International conference in Health Promotion and Quality in Health Services 2008

Phrommintikul A, Abdel-Aty H, Schulz-Menger J, Friedrich M, Taylor A. Acute edema in the evaluation of microvascular reperfusion and myocardial salvage in reperfused myocardial infarction with cardiac magnetic resonance imaging. Abstract presentation. European Society Cardiology Congress 2007

Phrommintikul A, Kompa A, Wang B, Trans L, Krum H. Effects of selective Rho kinase inhibition on pressure overload cardiac hypertrophy. Abstracts presentation. American Heart Association meeting 2006

Phrommintikul A, Kompa A, Wang B, Trans L, Krum H Effect of specific Rho Kinase Inhibition (GSK 576371) on Collagen Synthesis in Isolated Neonatal Rat Cardiac Fibroblasts. Abstract presentation. European Society of Cardiology Congress 2006.

Wongcharoen W., Phrommintikul A., Kanjanavanit R., et al. Traumatic tricuspid regurgitation presented with platypnea: A diagnosis by transesophageal echocardiogram with contrast study (abstract). Annual meeting of Thai Heart Association, 2002.68

Wongcharoen W., Phrommintikul A., Kanjanavanit R. Epidemiology of infective endocarditis at the turn of the century and the effect of early aggressive valve surgery on mortality (abstract). *J. Med. Thai. Ass.* 2003

Phrommintikul A., Kanjanavanit R., Amaritakomol A., Topaiboon P., Wiang-osot W. Comprehensive heart failure management program (CHF-MaP) reduces rehospitalization in chronic heart failure patients. Abstract presentation in 2nd. Asia-Pacific Congress of Cardiology; 2005

Textbook:

Pulmonary Hypertension: Heart: cardiac diagnosis and treatment. Sukonthasarn A, Kuanprasert S. 2002

Exercise stress test: New guidelines in Coronary Artery Disease. Sukonthasarn A, Kuanprasert S. 2003

Cardiac rehabilitation: New guidelines in Coronary Artery Disease. Sukonthasarn A, Kuanprasert S. 2003

Approach to heart failure patients: Heart Failure. Sukonthasarn A, Kanjanawanit R. 2004

Novel treatment in heart failure. Heart Failure. Sukonthasarn A, Kanjanawanit R. 2004

Cardiac marker in cardiac emergency: Selected Topic in Cardiac Emergency. Sukonthasarn A. 2006

Treatment of anemia in heart failure: Essential Cardiology Review 2007. Sukonthasarn 2007

Research participation

2003: Training in Good Clinical Practice and Basic Clinical Development

2003-2004: Co- Investigator: International Prevalence, Recognition, and Treatment of Cardiovascular Risk Factors in Outpatients With Atherothrombosis (REACH Registry). JAMA. 2006;295:180-189

2006-2008: National Coordinator: A large, simple trial of metoprolol versus placebo in patients undergoing noncardiac surgery at moderate and high risk of a perioperative cardiac event (POISE study). Rationale, design, and organization of the PeriOperative ISchemic Evaluation (POISE) Trial: A randomized controlled trial of metoprolol versus placebo in patients undergoing noncardiac surgery. The POISE Trial Investigator. Am Heart J 2006; 152:223230

Academic work

Editorial board of Thai Heart Journal since 2007

Editorial board of Asian Heart Journal since 2007

Scientific journal reviewer

International Journal of Cardiology

Circulation Imaging

International conferences speaker

Asean Congress of Cardiology 2008