

CURRICULUM VITAE

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OFFICE ADDRESS

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PERSONAL INFORMATION

Date of Birth: December 14, 1983
Citizenship: Thai
Marital Status: Single

EDUCATION

2013-2015 **M.Sc., Medicine**
Chulalongkorn University, Bangkok, Thailand

2010-2012 **Higher Grad.Dip.Cli.Sci. (Internal Medicine)**
Chiang Mai University, Chiang Mai, Thailand

2003-2009 **M.D. with First Class Honors**
Chiang Mai University, Chiang Mai, Thailand

POSTDOCTORAL TRAINING

2017-2019 **Research Scholar in Critical Care Nephrology**
Center of Critical Care Nephrology, Clinical Research, Investigation, and Systems Modeling of Acute illness (CRISMA) Center, Department of Critical Care Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

2013-2015 **Fellowship Training in Nephrology**
King Chulalongkorn Memorial Hospital, Chulalongkorn University, Bangkok, Thailand

2010-2013 **Residency Training in Internal Medicine**
Maharaj Nakorn Chiang Mai Hospital, Chiang Mai University, Chiang
Mai, Thailand

BOARD CERTIFICATIONS

2015 **Thai Board of Nephrology**
2013 **Thai Board of Internal Medicine**

HONOR AND AWARD

2017 **Best Paper Award (2nd Prize)**
1st Asia Pacific AKI CRRT 2017, Kuala Lumpur, Malaysia

2015 **Poster award**
APSN/NST Continuing Medical Education (CME) Course 2015: In
collaboration between the Nephrology Society of Thailand (NST) and
Asian Pacific Society of Nephrology (APSN)

2013 **Best and Popular Poster Award**
The 29th Annual Meeting of the Royal College of Physicians of Thailand

PROFESSIONAL EXPERIENCES

2015-present **Instructor and Lecturer, Nephrologist**
Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

2013-2015 **Doctor**
King Chulalongkorn Memorial Hospital, Chulalongkorn University,
Bangkok, Thailand

2009-2013 **Intern and doctor**
Maharaj Nakorn Chiang Mai Hospital, Chiang Mai University, Chiang
Mai, Thailand

PROFESSIONAL MEMBERSHIPS

2013-present **The Nephrology Society of Thailand**

2013-present **Thai Transplantation Society**

2013-present **The Royal College of Physicians of Thailand**

2009-present **The Medical Council of Thailand**

PUBLICATIONS: ARTICLES

Peerapornratana S, Manrique-Caballero CL, Gómez H, Kellum JA. Acute kidney injury from sepsis: current concepts, epidemiology, pathophysiology, prevention and treatment. *Kidney Int.* 2019 Jun 7

Srisawat N, Kulvichit W, Mahamitra N, Hurst C, Praditpornsilpa K, Lumlertgul N, Chuasuwan A, Trongtrakul K, Tasnarong A, Champunot R, Bhurayanontachai R, Kongwibulwut M,

- Chatkaew P, Oranrigsupak P, Sukmark T, Panaput T, Laohacharoenyot N, Surasit K, Keobounma T, Khositrangsikun K, Suwattanasilpa U, Pattharanitima P, Santithisadeekorn P, Wanitchanont A, **Peerapornratana S**, Loaveeravat P, Leelahavanichkul A, Tiranathanagul K, Kerr SJ, Tungsanga K, Eiam-Ong S, Sitprija V, Kellum JA. **The epidemiology and characteristics of acute kidney injury in the Southeast Asia intensive care unit: a prospective multicentre study.** *Nephrol Dial Transplant.* 2019 May 10.
- Srisawat N, Tungsanga S, Lumlertgul N, Komaenthammasophon C, **Peerapornratana S**, Thamrongsat N, Tiranathanagul K, Praditpornsilpa K, Eiam-Ong S, Tungsanga K, Kellum JA. **The effect of polymyxin B hemoperfusion on modulation of human leukocyte antigen DR in severe sepsis patients.** *Crit Care.* 2018 Oct 26;22(1):279.
- Srisawat N, Kongwibulwut M, Loaveeravat P, Lumplertgul N, Chatkaew P, Saeyub P, Latthaprecha K, **Peerapornratana S**, Tiranathanagul K, Eiam-Ong S, Tungsanga K. **The role of intraoperative parameters on predicting laparoscopic abdominal surgery associated acute kidney injury.** *BMC Nephrol.* 2018 Oct 22;19(1):289.
- Lumlertgul N, **Peerapornratana S**, Trakarnvanich T, Pongsittisak W, Surasit K, Chuasuwan A, Tankee P, Tiranathanagul K, Praditpornsilpa K, Tungsanga K, Eiam-Ong S, Kellum JA, Srisawat N; FST Study Group. **Early versus standard initiation of renal replacement therapy in furosemide stress test non-responsive acute kidney injury patients (the FST trial).** *Crit Care.* 2018 Apr 19;22(1):101.
- Srisawat N, Sintawichai N, Kulvichit W, Lumlertgul N, Sitticharoenchai P, Thamrongsat N, **Peerapornratana S.** **Current practice of diagnosis and management of acute kidney injury in intensive care unit in resource limited settings.** *J Crit Care.* 2018 Aug;46:44-49.
- Sukmark T, Lumlertgul N, **Peerapornratana S**, Khositrangsikun K, Tungsanga K, Sitprija V, Srisawat N; Thai-Lepto AKI study group. **Thai-Lepto-on-admission probability (THAI-LEPTO) score as an early tool for initial diagnosis of leptospirosis: Result from Thai-Lepto AKI study group.** *PLoS Negl Trop Dis.* 2018 Mar 19;12(3):e0006319.
- Srisawat N, Loaveeravat P, Limphunudom P, Lumlertgul N, **Peerapornratana S**, Tiranathanagul K, Susantitaphong P, Praditpornsilpa K, Tungsanga K, Eiam-Ong S. **The effect of early renal replacement therapy guided by plasma neutrophil gelatinase associated lipocalin on outcome of acute kidney injury: A feasibility study.** *J Crit Care.* 2018 Feb;43:36-41.
- Susantitaphong P, Nakwan S, **Peerapornratana S**, Tiranathanagul K, Katavetin P, Srisawat N, Praditpornsilpa K, Eiam-Ong S. **A double-blind, randomized, placebo-controlled trial of combined calcitriol and ergocalciferol versus ergocalciferol alone in chronic kidney disease with proteinuria.** *BMC Nephrol.* 2017 Jan 14;18(1):19
- Peerapornratana S**, Chariyavilaskul P, Kanjanabuch T, Praditpornsilpa K, Eiam-Ong S, Katavetin P. **Short-dwell cycling intraperitoneal cefazolin plus ceftazidime in peritoneal dialysis patients.** *Perit Dial Int.* 2017 Mar-Apr;37(2):218-224.
- Kritmetapak K, **Peerapornratana S**, Srisawat N, Somlaw N, Lakananurak N, Dissayabutra T, Phonork C, Leelahavanichkul A, Tiranathanagul K, Susantithapong P, Loaveeravat P, Suwachittanont N, Wirotwan TO, Praditpornsilpa K, Tungsanga K, Eiam-Ong S,

- Kittiskulnam P. **The Impact of Macro-and Micronutrients on Predicting Outcomes of Critically Ill Patients Requiring Continuous Renal Replacement Therapy.** *PLoS One.* 2016 Jun 28;11(6):e0156634.
- Srisawat N, Praditpornsilpa K, Patarakul K, Techapornrung M, Daraswang T, Sukmark T, Khositrangsikun K, Fakthongyoo A, Oranrigsupak P, Praderm L, Suwattanasilpa U, **Peerapornratana S**, Loahaveeravat P, Suwachittanont N, Wirotwan TO, Phonork C, Kumpunya S, Tiranathanagul K, Chirathaworn C, Eiam-ong S, Tungsanga K, Sitprija V, Kellum JA, Townamchai N; Thai Lepto-AKI study group. **Neutrophil Gelatinase Associated Lipocalin (NGAL) in Leptospirosis Acute Kidney Injury: A Multicenter Study in Thailand.** *PLoS One.* 2015 Dec 2;10(12):e0143367.
- Peerapornratana S**, Srisawat N, Kanjanabuch T. **Clinicopathological conference: a woman with Graves' disease and glomerulonephritis.** *Journal of the Nephrology Society of Thailand* 2014;3:69-72.
- Srisawat N, **Peerapornratana S**, Kittikowit W, Kanjanabuch T. **Clinicopathological conference: crescentic IgA nephropathy secondary to NK-T cell lymphoma.** *Journal of the Nephrology Society of Thailand* 2013;3:65-70.
- Peerapornratana S**, Srisawat N. **RRT tips & tricks: vascular access for CRRT.** *Thai Journal of Critical Care Medicine* 2013;3:9-10.
- Peerapornratana S**, Srisawat N. **RRT tips & tricks: how does CRRT work?** *Thai Journal of Critical Care Medicine* 2013;2:12-3.
- Peerapornratana S**, Srisawat N. **RRT tips & tricks: what is CRRT?** *Thai Journal of Critical Care Medicine* 2013;1:23-4.
- Peerapornratana S**, Wangkaew S. **Antineutrophil cytoplasmic antibody (ANCA)-associated vasculitis: review.** *Thai Journal of Rheumatology* 2012;2:52-72.
- PUBLICATION: TEXTBOOKS**
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- Srisawat N, **Peerapornratana S**, Eiam-Ong S. **Tropical Infections Causing Acute Kidney Injury.** In: Ronco C, Bellomo R, Kellum JA, Ricci Z, editors. *Critical Care Nephrology, 3rd edition.* 2017
- Textbook of CRRT, 2017*
- Peerapornratana S**, Rattanasat R, **Perioperative management in patients with chronic kidney disease.** In: Kantachuvesiri S, editor. *Textbook of Chronic Kidney disease.* Bangkok, 2016. p. 795-816.
- Srisawat N, **Peerapornratana S**, Laoveeravat P. **Acute kidney injury.** In: Kiattisunthorn K, Satirapoj B, Tiranathanagul K, Gojaseni P, editors. *Nephrology Review for Internists.* Bangkok; 2015. p. 271-280.
- Peerapornratana S**, Srisawat N. **Acute kidney injury and renal replacement therapy.** In: Kawkitinarong K, Suwanpimolkul K, Suankratay C, editors. *Tips and Tricks in Internal Medicine.* Bangkok; 2015. p. 111-122.

Peerapornratana S, Avihingsanon Y. **Lupus nephritis: what internist should know?** In: Kawkitinarong K, Suwanpimolkul K, Suankratay C, editors. *Tips and Tricks in Internal Medicine*. Bangkok; 2015. p. 123-136.

Peerapornratana S, Srisawat N. **Fluid management in acute kidney injury: the effect of chloride-rich fluid and kidney.** In: Staworn D, Piyavechviratana K, editors. *Critical Care Medicine: the smart ICU*. Bangkok: Beyond Enterprise; 2014. p. 496-504.

PRESENTATION

Outcome of Renal Replacement Therapy in Intensive Care Units in Thailand

- *1st Asia Pacific AKI CRRT 2017, Kuala Lumpur, Malaysia; August 20-23, 2017.* (Oral presentation)

The role of urine NGAL for early detection of colistin-induced acute kidney injury: a randomized controlled trial

- *Kidney Week 2016, American Society of Nephrology; Chicago, IL, USA; November 17-20, 2016.* (Poster presentation)

Immunomodulation effect of polymyxin-B hemoperfusion in severe sepsis/septic shock: a randomized controlled trial

- *European Society of Intensive Care Annual Congress: ESICM LIVES 2016; Milan, Italy; October 1-5, 2016* (Oral presentation)

The impact of macro- and micronutrients on predicting outcomes of critically ill patients requiring continuous renal replacement therapy

- *European Society of Intensive Care Annual Congress: ESICM LIVES 2016; Milan, Italy; October 1-5, 2016* (Oral presentation)

The role of bioimpedance analysis as a predictor of outcomes in acute kidney injury patients requiring renal replacement therapy

- *The 21st International Conference on Advances in Critical Care Nephrology: AKI CRRT 2016; San Diego, CA, USA; February 16-19, 2016.* (Oral presentation)

Immunomodulation of regional citrate anticoagulation in acute kidney injury requiring renal replacement therapy: a randomized controlled trial

- *The 21st International Conference on Advances in Critical Care Nephrology: AKI CRRT 2016; San Diego, CA, USA; February 16-19, 2016.* (Oral presentation)

The first six cases of polymyxin-B hemoperfusion in severe sepsis in Thailand: preliminary results of a prospective randomized controlled trial

- *The 1st Joint Japanese Society of Intensive Care Medicine and Thai Society of Critical Care Medicine (JSICM-TSCCM) Conference and the 6th International Critical Care Conference in Thailand 2015; Bangkok, Thailand; June 25-27, 2015.* (Oral presentation)

Novel regimen for intraperitoneal cefazolin and ceftazidime in peritoneal dialysis patients

- *The 31st Annual Meeting of the Royal College of Physicians of Thailand 2015; Bangkok, Thailand; March 26-29, 2015.* (Poster presentation)
- *Kidney Week 2015, American Society of Nephrology; San Diego, CA, USA; November 3-8, 2015.* (Poster presentation)

- *The 16th Congress of the International Society for Peritoneal Dialysis 2016; Melbourne, Australia; February 26 – March 1, 2015. (Poster presentation)*

The impact of delirium in mechanical ventilated patients in the medical intensive care unit on hospital length of stay and 30-day survival: a prospective cohort study

- *The 29th Annual Meeting of the Royal College of Physicians of Thailand 2013; Pattaya, Thailand; April 24-27, 2013. (Poster presentation)*