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Present academic position.

Associate Professor of Pediatrics
Pediatric Pulmonary & Critical Care attending

Area of research Interest

Basic science and clinical trial related to viral respiratory tract infection; especially RSV
High frequency oscillator ventilation
Sepsis/septic shock
Infection control in PICU/VAP
Asthma treatment.

Education

Chulalongkorn University Hospital (1985-1991)
Bangkok, Thailand
Doctor of Medicine

Jersey City Medical Center (1992-1995)
Seton Hall University
Jersey City, NJ
Housestaff in Pediatrics

Jersey City Medical Center (1994-1995)
Jersey City, NJ.
Chief Resident, selected

Memorial Miller Children's Hospital of Long Beach (1995-1998)
University of California, Irvine
Irvine, CA
Pediatric Pulmonary Fellow.
Loma Linda Children's Hospital (1999-2000)
Loma Linda University
Loma Linda, CA
Pediatric Critical Care Fellow

Medical Diploma

Diplomate American Board of Pediatrics
Diplomate American subboard of Pediatric Pulmonary
Certificate in Pediatric Critical Care

WORK HISTORY

Clinical Instructor/ Attending staff (1999-present)
Division of Pediatric Pulmonary & Critical Care
Department of Pediatrics
Chulalongkorn University Hospital
Bangkok, Thailand

- ◆ Participate in a clinically based program covering all phases of Pediatric pulmonology, including flexible fiberoptic laryngoscopy/bronchoscopy, interpreting pulmonary function test and sleep study as well as consultation.
- ◆ Responsible for Pediatric Intensive Care Unit approximately 4 months/year. Supervise fellow and housestaff in PICU during their clinical clerkships.
- ◆ Responsible for research and project from the preparation of research protocols for submission to the research Committee to the actual performance of the research, and the writing as well as submission of the abstracts and manuscripts. In addition, responsible for supervising Pediatric Pulmonary fellow research project.
- ◆ Supervise and teach fellows, house staffs as well as medical students on clinical clerkships.(Pediatric pulmonary)

LICENSES

California, # A054196, 1995-present/Thailand, #16932, 1991-present

PUBLICATIONS:

Abstract

1. Beharry K, Samransamruajkit R, Modanlou DH “Continuous infusion of therapeutic dosage of morphine sulfate causes up-regulation of Endothelin-1 mRNA expression in the brain stem of newborn piglets. Presented in part at Society of Pediatric research meeting, Washington DC, 1997
2. Samransamruajkit R, Chin TW, Nussbaum E The modulation of potent inflammatory cytokines, interleukin-6 and interleukin-8 by glucocorticoids and ribavirin after exposure to RSV. AJRCCM 1998;157:A287
3. Samransamruajkit R, Chin WT, Nussbaum E. The modulation of potent inflammatory cytokines, interleukin-6 and interleukin-8 by glucocorticoids and ribavirin after exposure to RSV. Abstract in supplement to AJRCCM 1998;157:A287
4. Samransamruajkit R, Lekhanont P, Sritippayawan S, Prapphal N, Deelodejanawong J, Bhattarakosol P, Poovorawan Y The occurrence and clinical presentations of RSV subtype in acute bronchiolitis and viral pneumonia among hospitalized infants and young children abstr in 11th Asian congress of pediatrics 2003;page 178-179.
5. Jitchaiwat S, Samransamruajkit R, Trinavarat P, Deelodejanawong J, Sritippayawan S, Prapphal N. Ventilator associated pneumonia:Incidence, risk factors, microbiology and outcome experienced from Tertiary PICU abstr in 11th Asian congress of pediatrics 2003;page 179
6. Lekhanont P, Samransamruajkit R, Trinavarat P, Sritippayawan S, Prapphal N, Deelodejanawong J, Poovorawan Y. The chest radiological findings of RSV infection among hospitalized infants and young children;Does subtype really matters? abstr in 11th Asian congress of pediatrics 2003;page 184
7. Samransamruajkit R, Hiranrat T, Prapphal N, Sritippayawan S, Deerojanawong J, Poovorawan Y. The level of plasma activated protein C in Pediatric septic shock and the risk of death. Am J Respir Crit Care 2005;a157
8. Samransamruajkit R, Jitchaiwat S, Panruethai Trinavarat, Prapphal N, Sritippayawan S, Deerojanawong J Ventilator Associated Pneumonia (VAP) caremap impact on outcome experienced from tertiary care PICU Am J Respir Crit Care 2005;a425.
9. Sritippayawan S, Wong P, Tosukhowong P, Prapphal N, Samransamruajkit R, Deerojanawong J. Environmental tobacco smoke exposure and RSV infection in young children. Am J Respir Crit Care 2005;a598
10. Samransamruajkit R, Jitchaiwat S, Sritippayawan S, Deerojanawong J, Prapphal N Adrenal insufficiency in critically ill children with ALI/ARDS Amer J Respir Crit Care 2006; 202 a
11. Samransamruajkit R, Jitchaiwat S, Sritippayawan S, Deerojanawong J, Prapphal N Plasma Nitrate(NOx) Level and its clinical significance in Septic shock Amer J Respir Crit Care 2006;499a

Full articles

- 1 Puvabuditsin S, Samransamruajkit R, Garow E, Lopez L : Postnatal intussusception in a Premature infant, causing Jejunal Atresia, *J of Pediatr surg*;1996;31:711-712
- 2 Puvabuditsin S, Garrow E, Samransamruajkit R et al “Epidermolysis Bullosa Associated with congenital localized absence of skin, fetal abdominal mass, and pyloric atresia. *Pediatr Derm* 1997;14:359-362
- 3 Samransamruajkit R, Gollapudi S, Kim CH, Gupta S, Nussbaum E Modulation of endothelin-1 expression on pulmonary epithelia cell line(A549) after exposure to RSV. *Int J Mol Med* 2000;Jul;6(1):101-5.
- 4 Samransamruajkit R, Moonviriyakit K, Vanapongtipagorn et al Plasma endothelin-1 in infants and young children with acute bronchiolitis and viral pneumonia. *Asian Pac J Allergy Immunol* 2002;20:229-34.
- 5 Chongsrisawat V, Chatchatee P, Samransamruajkit R, et al Plasma endothelin-1 levels in patients with biliary atresia:possible role in development of portal hypertension. *Pediatr Surg* 2003;19; 478-81.
- 6 Thanasugarn W, Samransamruajkit R, Vanapongtipagorn P, et al Human metapneumovirus infection in Thai children. *Scand J Infect Dis* 2003;35; 754-6.
7. Samransamruajkit R, Chin TW, Yuensrigul A, et al Possible effect of chest physical therapy in hospitalized asthmatic children. *Pediatr Asthma, Allerg & Immunol* 2003;16:295-303.
8. Deerojanawong J, Manuyakorn W, Prapphal N, Harnruthakorn C, Sritippayawan S, Samransamruajkit R. Randomized controlled trial of salbutamol aerosol therapy via metered dose inhaler-spacer vs. jet nebulizer in young children with wheezing *Pediatr Pulmonol.* 2005 May;39(5):466-72.
9. Samransamruajkit R, Prapphal N, Deerojanawong, et al Plasma soluble intercellular adhesion molecule-1(sICAM-1) in Pediatric ARDS during high frequency oscillator ventilation: a predictor of mortality. *Asian Pac J Allergy Immunol.* 2005;23; 181-8.
10. Sritippayawan S, Jitchaiwat S, Chatchatee P, Prapphal N, Deerojanawong J, Samransamruajkit R Disseminated cytomegalovirus infection associated with PCP in a previously normal infant. *Scand J Infect Dis* 2006;38(4):312-4
11. Samransamruajkit R, Thanasugarn W, Prapphal N, et al Human metapneumovirus in infants and young children in Thailand with lower respiratory tract infections;molecular characteristics and clinical presentations. *J Infect* 2006;52;254-63.
12. Theamboonlers A, Samransamruajkit R, Thongme C, Amonsin A, Chongsrisawat V, Poovorawan Y. Human Coronavirus Infection among Children with Acute Lower Respiratory Tract Infection in Thailand. *Intervirolgy.* 2006 Nov 30;50(2):71-77.

Reference available on request.