



DR. PATTARAPORN PANYARATH

Education:

2010 Doctor of Medicine, Prince of Songkla University, Songkhla, Thailand

2014 Diploma of Internal Medicine, The Royal College of Physician of Thailand, Prince of Songkla University, Songkhla, Thailand

2016 Diploma of Pulmonary Medicine and Pulmonary Critical Care,

The Royal College of Physician of Thailand, Prince of Songkla University, Songkhla, Thailand

2018 Sleep Medicine Fellowship Clinical Program, Chulalongkorn University, Thailand

2019 International Sleep Disorders Specialist, Diploma of the World Sleep Society (WSS), USA

2020 Sleep Medicine Fellowship Clinical Program, McGill University, Montreal, Canada

2021 Sleep Medicine Fellowship Research Program, McGill University, Montreal, Canada

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Short Biography (max. 120 words)

My research focuses on sleep-disordered breathing (SDB), sleep medicine, obstructive sleep apnea in pregnancy, non-invasive ventilation, chronic hypercapnia respiratory failure from neuromuscular disease, chronic obstructive pulmonary disease or obesity hypoventilation syndrome. I am currently working on project regarding effects of CPAP on maternal SDB in hypertensive disorders pregnancy with McGill University Health Centre team.

Research Interests (max. 5 key words)

Sleep medicine, Sleep-disordered breathing, Hypoventilation, Non-invasive ventilation, Obstructive sleep apnea in pregnancy

Publication

- Panyarath P, Goldscher N, Pamidi S, Daskalopoulou SS, Gagnon R, Dayan N, Raiche K, Olha A, Benedetti A and Kimoff RJ (2021) Effect of Maternal Obstructive Sleep Apnea-Hypopnea on 24-Hour Blood Pressure, Nocturnal Blood Pressure Dipping and Arterial Stiffness in Hypertensive Disorders of Pregnancy. *Front. Physiol.* 12:747106. doi: 10.3389/fphys.2021.747106
- Panyarath P, Kaminska M. Long-term home noninvasive ventilation. *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine.* 2021;5(2):101-3. DOI: 10.1080/24745332.2021.1906187
- Juthong S, Panyarath P. Efficacy of Roflumilast in Bronchiectasis Patients with Frequent Exacerbations: A Double-Blinded, Randomized, Placebo-Controlled Pilot Clinical Trial. *Tuberc Respir Dis.* 2021. DOI: 10.4046/trd.2021.0051

Conference Paper

- Effect of Maternal Obstructive Sleep Apnea-Hypopnea (OSAH) on 24-Hour Blood Pressure (BP) in Hypertensive Disorders of Pregnancy (HDP):
Oral Presentation in American Thoracic Society 2020 conference, May 15-20, 2020. Philadelphia, Pennsylvania, The United States of America. DOI: [10.1164/ajrccm-conference.2020.201.1_MeetingAbstracts.A2528](https://doi.org/10.1164/ajrccm-conference.2020.201.1_MeetingAbstracts.A2528)
- Comparison of Intelligent Volume-Assured Pressure Support (iVAPS) versus Bilevel Spontaneous Timed (ST) Ventilation on Respiratory Therapist Interventions in Amyotrophic Lateral Sclerosis (ALS):
Poster Presentation in American Thoracic Society 2021 conference, May 14-19, 2021. San Diego, California, The United States of America. DOI: https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A1706.
- Relationships Between Severity of Obstructive Sleep Apnea Hypopnea (OSAH) and Measures of Arterial Stiffness in Hypertensive Disorders of Pregnancy (HDP):
Poster Presentation in American Thoracic Society 2021 conference, May 14-19, 2021. San Diego, California, The United States of America. DOI: https://doi.org/10.1164/ajrccm-conference.2021.203.1_MeetingAbstracts.A4686