

Global research and collaboration in Thailand

Dr. Rungrote Natesirinilkul

Assistant Professor
Department of Pediatrics
Faculty of Medicine
Chiang Mai University
Chiang Mai
Thailand

Background

2004–2008

- Graduated and completed a Pediatric Residency from the Faculty of Medicine, Chiang Mai University, Thailand

2008–2010

- Completed a Fellowship of Pediatric Hematology/ Oncology at Ramathibodi Hospital, Mahidol University in Bangkok

2010

- Lecturer in the Division of Hematology/Oncology, Department of Pediatrics, Faculty of Medicine, Chiang Mai University
- **Participant in the 2010 Haemophilia Academy**

2013–2015

- Pediatric Thrombosis and Haemostasis Fellow at the Hospital for Sick Children, Canada

My Haemophilia Academy experience

Class of 2010



Current activities

- **Consultant Haematologist/Oncologist**

- Assistant Professor, Department of Paediatrics, Faculty of Medicine, Chiang Mai University
- Special interest: Paediatric Thrombosis and Haemostasis
 - 30% clinical, 30% teaching, 30% research, 10% administration



- **Principal Investigator**

- Novo Nordisk Haemophilia Foundation Grant (2016–2018)
- Developing an HTC network in Thailand
- Collaboration with Prof Ampaiwan Chuansumrit, Ramathibodi Hospital, Bangkok



Grant objectives



- **To translate musculoskeletal (MSK) outcome measures** into Thai language
 - Haemophilia Joint Health Score (HJHS v2.1)
 - Functional Independence Score in Haemophilia (FISH)
 - Haemophilia Activities List (HAL/PedHAL)
 - Quality-of-Life (QoL) tools: CHO-KLAT/HemoQoL-A
- **Perform Train-the-Trainer sessions** on MSK evaluations in Haemophilia Treatment Centres (HTCs) in Thailand
 - **2016:** Chiang Mai University Hospital*; Ramathibodi Hospital, Bangkok
 - **2017:** Chiang Rai Prachanukroh Hospital, Chiang Rai; Lampang Hospital, Lampang; Buddhachinaraj Hospital, Pitsanulok
- **Establish systematic MSK/QoL assessments** for persons with haemophilia in the era of low-dose prophylaxis in Thailand

1, 2 = HTCs in first year of grant (2016)
3–5 = HTCs in second year of grant (2017)

Global collaborative study (Canada–Thailand)

Background

- In Thailand, children with inherited mucocutaneous bleeding disorders are left undiagnosed due to limited resources and the availability of medical specialists
- Standardised bleeding questionnaires are required to help the physician to do further investigation for the right patients

แนวทางในการให้คะแนนแบบสอบถามอาการเลือดออกในเด็ก (PBQ/ISTH-BAT)							
อาการ	คะแนน	-1	0	1	2	3	4
เลือดกำเดา							
เลือดออกที่ผิวหนัง							
เลือดออกจากบาดแผลขนาดเล็ก							
เลือดออกในช่องปาก							
เลือดออกในทางเดินอาหาร							
บัสสาวะเป็นเลือด							
หมายเหตุ: เป็นอาการจำเพาะในเด็ก อยู่ในแบบสอบถาม PBQ หมวด "อื่นๆ"							
เลือดออกจากการถอนฟัน							
เลือดออกจากการผ่าตัด							

Objectives

- **To develop and validate a Thai version of the PBQ/ISTH-BAT (Thai Pediatric-BAT)**

- **Translate** PBQ/ISTH-BAT into Thai language
- Thai Pediatric-BAT sent to Canada to translate back to English and **verified**
- **Validation** of using Thai Pediatric-BAT between interviewers
- **Apply** Thai Pediatric-BAT to patients and normal subjects

ISTH abstract number: OC 24.4

- Oral presentation by Dr. Sasikarn Pakdeeto
- Presented on Monday 10 July @ 18:30

Experience from the Haemophilia Academy

- A great experience in learning about the **comprehensive care model** of haemophilia and other inherited bleeding disorders including:
 - **Clinical diagnosis**
 - **Basic and sophisticated investigations**
 - The importance of a **multidisciplinary approach** for management that **inspires us** how **to provide better patient care** and **further collaborative research**

