



Mahidol University  
*Wisdom of the Land*

Assist.Prof.Sorawut Thamyongkit  
Orthopaedic Surgery  
Faculty of Medicine, Ramathibodi hospital

Sorawut.tha@mahidol.ac.th





**Mahidol University**  
*Wisdom of the Land*

## Research interests

- Clinical research
  - Biomechanical study
  - Basic sciences
  - Medical education
- Orthopaedic surgery
  - Implant design and testing
  - Degenerative disease and tendinopathy
  - Media innovation for medical student



Mahidol University

Wisdom of the Land

# Research interest

Use of reprocessed external fixators in orthopaedic surgery: a survey of 243 orthopaedic trauma surgeons

Sorawut Thamyongkit<sup>1,2</sup>, Malick Bachabi<sup>1</sup>, John M. Thompson<sup>1</sup>, Babar Shafiq<sup>1</sup> and Erik A. Hasenboehler<sup>1\*</sup>



## Biomechanical Evaluation of a New Suture Button Technique for Reduction and Stabilization of the Distal Tibiofibular Syndesmosis

Andres Eduardo O'Daly, MD<sup>1</sup>, R. Timothy Kreulen, MD<sup>2</sup>, Sorawut Thamyongkit, MD<sup>2</sup>, Alfred Pisano, MD<sup>3</sup>, Kitchai Luksameearunothai, MD<sup>2</sup>, Erik A. Hasenboehler, MD<sup>2</sup>, Melvin D. Helgeson, MD<sup>3</sup>, and Babar Shafiq, MD, MSPT<sup>2</sup>

## Association between Preoperative CT findings and Meniscal injury in the Fracture of Tibial Plateau: A Preliminary Report

Sorawut Thamyongkit MD<sup>1,2</sup>, Paphon Sa-ngasoongsong MD<sup>2</sup>, Noratep Kulachote MD<sup>2</sup>, Thumanoon Ruangchajaturon MD<sup>3</sup>, Nadhaporn Saengpetch MD<sup>2</sup>, Chalermchai Limitlaohaphan MD<sup>2</sup>, Chusak Kijkunasathian MD<sup>2</sup>

## Anatomical study of quadriceps tendon for anterior cruciate ligament reconstruction

Thanatthep Tanpowpong<sup>1</sup>, Teerachat Tanasansomboon<sup>1</sup>, Thanasil Huanmanop<sup>2</sup>, Sorawut Thamyongkit<sup>3,\*</sup>, Peeradon Jaruprat<sup>2</sup>, Tharit Inkaratana<sup>2</sup>

## Correlation between shoulder radiographic parameters and supraspinatus tendon tear : acromio-tuberosity index (ATI) and acromio-tuberosity difference (ATD)

Sorawut THAMYONGKTI, Somsak KUPNIRATSAIKUL, Numphung NUMKARUNARUNROTE, Phonphrom VIVATSRIKUL, Kitiphong KONGRUKGREATIYOS

RESEARCH ARTICLE

Open Access

The distal femur is a reliable guide for tibial plateau fracture reduction: a study of measurements on 3D CT scans in 84 healthy knees

Sorawut Thamyongkit<sup>1,2</sup>, Laura M. Fayad<sup>3</sup>, Lynne C. Jones<sup>1</sup>, Erik A. Hasenboehler<sup>1</sup>, Norachart Sirisreetreerux<sup>1</sup> and Babar Shafiq<sup>4\*</sup>

RESEARCH

Open Access

Complications of pelvic and acetabular fractures in 1331 morbidly obese patients (BMI ≥ 40): a retrospective observational study from the National Trauma Data Bank

James T. Carson<sup>1</sup>, Sabin G. Shah<sup>2</sup>, Gezzer Ortega<sup>3</sup>, Sorawut Thamyongkit<sup>4</sup>, Erik A. Hasenboehler<sup>4</sup> and Babar Shafiq<sup>4\*</sup>



- Clinical research
  - Correlation between venous thromboembolism and outcomes in trauma patients
  - Predicting factors for outcomes in ankle fracture patients
- Biomechanical study
  - Customized implants for pelvic fracture patient
- Basic sciences
  - Pro-inflammatory markers in rotator cuff disease
- Medical education
  - Effectiveness of VR-assisted training in orthopaedic skills



Mahidol University  
*Wisdom of the Land*

Thank you

