

11th Thailand Orthopaedic Trauma Annual Congress (TOTAC)  
 "The challenges in orthopedic trauma practice"  
 February 22-24, 2023 at Laguna Grand Hotel and Spa, Songkhla, Thailand

Wednesday, February 22nd, 2023 (DAY 1)

| Time          | Room A                          |
|---------------|---------------------------------|
| 18.00 - 20.00 | Trauma night - Dinner symposium |

Thursday, February 23rd, 2023 (DAY 2)

| Time          | Room A  | Room B   | Room C   | Room D   |
|---------------|---|--|--|--|
| 8.30 - 9.30   |   | Complex proximal humerus fractures:<br>We can fix them | Instructional course lectures:<br>Common practice challenges for orthopedic surgeons | Orientation New Trauma Fellow 2023   |
| 9.30 - 10.30  | Opening ceremony + Presidential lecture                                 |  |  |  |
| 10.30 - 11.00 | Coffee break  |  |  |  |
| 11.00 - 12.00 | Complex proximal femoral fractures                                      | Fracture-dislocations                                  | Trauma clinic part 1   | Medronic Kanghui: Workshop<br>The Mystery of Extra-articular Proximal Tibial Fractures |
| 12.00 - 13.00 | Lunch symposium   |  |  |  |
| 13.00 - 14.00 | AO Trauma Seminar<br>Complex fractures in the upper extremities (elbow) | Common fractures in the upper extremities              | Relive surgery   |  |
| 14.00 - 15.00 | Pelvic fractures:<br>All about the posterior pelvic ring injuries       |  |  |  |
| 15.00 - 15.30 | Coffee break  |  |  |  |
| 15.30 - 16.30 | Acetabulum fractures:<br>All about the posterior-based injuries         | Common rotational ankle injuries                       | Innovation<br>Personal technique to solve problem                                    |  |
| 16.30 - 17.00 | Trauma fellowship commencement  |  |  |  |

Friday, February 24th, 2023 (DAY 3)

| Time          | Room A  | Room B  | Room C                       | Room D                                  |
|---------------|---|---|------------------------------|---|
| 8.30 - 9.30   | "Along and around"<br>Peri-implant and periprosthetic fractures | Common fractures in the lower extremities   | Research presentation part 1 | Home video: Interesting surgical tricks |
| 9.30 - 10.30  | Management of the polytrauma patient                            |   |                              |   |
| 10.30 - 11.00 | Coffee break  |   |                              |   |
| 11.00 - 12.30 | Management of malunion  | Geriatric fracture treatments   | Research presentation part 2 |   |
| 12.30 - 13.30 | Lunch symposium   |   |                              |   |
| 13.30 - 15.00 | Nonunion and fixation failure                                   | Common diaphyseal fracture treatments:<br>What an orthopedic trauma surgeon needs to know | Trauma clinic part 2         |   |

11th Thailand Orthopaedic Trauma Annual Congress (TOTAC)  
 "The challenges in orthopedic trauma practice"  
 February 22-24, 2023 at Laguna Grand Hotel and Spa, Songkhla, Thailand

Wednesday, February 22nd, 2023 (DAY 1)

Time

Room A

**18.00 - 20.00**

**Trauma night - Dinner symposium (Thai)**

**Moderator**

Kitchai Luksameearunothai (Case 1-4)  
 Wich Orapiriyakul (Case 1-4)  
 Surasak Jitprapaikulsaarn (Case 5-8)  
 Kritsakorn Srisom (Case 5-8)

**Case**

**Speaker**

**Hospital**

18.00 - 18.15

Segmental femur fracture

Apichai Wittayasomboon

Yala hospital

18.15 - 18.30

Proximal humeral fracture-dislocation

Chitpon Sinchai

Phatthalung hospital

18.30 - 18.45

Pilon fracture

Damrongsak Kueakun

Suratthani hospital

18.45 - 19.00

Proximal humerus fracture

Wichai Termsombatborworn

Sunpasitthiprasong Hospital

19.00 - 19.30

Welcome/ introduction/ Fun from TOTS

19.30 - 19.45

Fracture-dislocation of the shoulder

Samran Pookhang

Chularat hospital

19.45 - 20.00

Gustilo IIIB open fracture of the tibia

Songphol Phimprasant

Uttaradit hospital

20.00 - 20.15

Peri-implant fracture of the femur

Pattanapong Suwankomkul

Pranangklaio hospital

20.15 - 20.30

Tibial plateau fracture

Sasipong Rohitopakarn

Hatyai hospital



| Time                 | Room A  |  | Time  | Room B               |   | Time | Room C  |                      | Time   | Room D |  |
|----------------------|---|--|---|----------------------|---|------|---|----------------------|--|--------|--|
| <b>8.30 - 9.30</b>   | <b>"Along and around" Peri-implant and periprosthetic fractures (English)</b>       |  | <b>Moderator</b><br>Saran Tantavisut<br>Preecha Banchoongcharoenliert   | <b>8.30 - 10.30</b>  | <b>Common fractures in the lower extremity (English)</b>  |      | <b>Moderator</b><br>Pongsakorn Bupparenoo<br>Rattanasopon Channan<br>Theerachai Apivatthakakul            |                      |  |        |  |
| 8.30 - 8.42          | Surgical management in fractures around "well-fit" femoral stem                     |  | Kulapat Chulsomlee  | 8.30 - 8.40          | Posteromedial tibial plateau fractures: How to approach?  |      | Ivan Chua   |                      |  |        |  |
| 8.42 - 8.54          | Dual plating of the distal femur in periprosthetic knee fracture: when and how?     |  | Chavarin Amarase  | 8.40 - 8.50          | A-type distal Femur Fractures: Nail, plate, or both?  |      | Ivan Chua   |                      |  |        |  |
| 8.54 - 9.06          | Surgical managements of the inter-implant femoral shaft fractures                   |  | Saran Tantavisut  | 8.50 - 9.00          | Surgical tactics in C-type distal femoral fractures   |      | Sutiwat Luangsod  |                      |  |        |  |
| <b>9.06 - 9.30</b>   | <b>Case discussion</b>  |  | <b>Panelist</b><br>Saran Tantavisut<br>Paphon Sa-ngasoonsong<br>Waniak Pongsamakthai<br>Nithid Sri-utENCHAI<br>Chavarin Amarase | <b>9.00 - 9.10</b>   | Hoffa fractures: Evidence-based approach  |      | Wich Orapiriyakul   | <b>9.00 - 10.30</b>  | <b>Research presentation part 1</b>  |        | <b>Moderator</b><br>Direk Tantigate<br>Wich Orapiriyakul<br><b>Committee</b>   |
| 9.06 - 9.18          | Periprosthetic fractures  |  |   | 9.10 - 9.20          | Treatment strategy in bicondylar tibial plateau fractures   |      | JP Leung  |                      |  |        |  |
| 9.18 - 9.30          | Peri-implant fractures  |  |   | 9.20 - 9.30          | Comminuted fractures of the patella: It is not so easy  |      | Pat Laupattarakasem   |                      |  |        |  |
|                      |   |  |   | 9.30 - 9.45          | Q & A   |      |   |                      |  |        |  |
| <b>9.30 - 10.30</b>  | <b>Management of the polytrauma patient (English)</b>                               |  | <b>Moderator</b><br>Apipop Kritsaneephaiboon<br>Naruepol Reangsinlapanun  | <b>9.45 - 10.30</b>  | <b>Case discussion</b>  |      | <b>Panelist</b><br>Ivan Chua<br>Kai Cheng Lin<br>Danie Hugo<br>Kongkhet Riansuwan<br>Chulin Chewakidakarn |                      |  |        |  |
| 9.30 - 9.42          | Extremity traumas with vascular injuries: How to save limbs & function?             |  | Yukichi Zenke   | 9.45 - 10.00         | Distal femoral fracture   |      | Chulin Chewakidakarn  |                      |  |        |  |
| 9.42 - 9.54          | Pelvic fractures with shock: How to save lives?                                     |  | Apipop Kritsaneephaiboon  | 10.00 - 10.15        | Tibia plateau fracture  |      | Thanawat Buranaphattana   | 9.00 - 9.10          | Comparative study of union rate in closed humerus shaft fracture after operative fixation with anteromedial vs anterolateral plating by anterolateral approach   |        |  |
|                      |   |  |   | 10.15 - 10.30        | Complex fractures around the knee   |      | Sukum Ngamkitdechakul   | 9.10 - 9.20          | A Study of Callus Area to Determine Healing Progression of Femoral Shaft Fractures Treated with Intramedullary Nail Fixation Using OrthoRead Program   |        |  |
| <b>9.54 - 10.30</b>  | <b>Case discussion: Strategy for damage control orthopaedics</b>                    |  | <b>Panelist</b><br>Rahat Jarayabhand<br>Thongchai Laohathaimongkol<br>Yanin Plumarom  |                      |   |      |   | 9.20 - 9.30          | Prediction models for risk of postoperative bedridden status at 12 weeks in elderly patients with intertrochanteric fractures treated with short cephalomedullary nails. The relation between femoral greater trochanter overhang and the entry point of cephalomedullary nailing in Thai population |        |  |
| 9.54 - 10.09         | Case 1  |  | Pariwat Taweekitkul   |                      |   |      |   | 9.30 - 9.40          | The effect of axial femoral rotation on the projected femoral neck-shaft angle: a study of three-dimensional femoral models from CT reconstruction   |        |  |
| 10.09 - 10.24        | Case 2  |  | Peen Samun  |                      |   |      |   | 9.40 - 9.50          | Does PHILOS plate match with the distal diaphysis of the humerus? An anatomical study of Thai population   |        |  |
| 10.24 - 10.30        | Q & A   |  |   |                      |   |      |   | 9.50 - 10.00         | Relationships and degrading factors of the osteoporosis compression fracture with the hip fracture in elderly  |        |  |
| <b>10.30 - 11.00</b> | <b>Coffee break</b>   |  |   | <b>10.30 - 11.00</b> | <b>Coffee break</b>   |      |   | 10.00 - 10.10        | How can we interpret the axial CT scan in acetabular fractures? A novel technique using 3D segmentation with a stepwise interpretation for Letournel classification  |        |  |
| <b>11.00 - 12.30</b> | <b>Management of malunion (English)</b>   |  | <b>Moderator</b><br>Vajara Phiphobmongkol<br>Chavarin Amarase   | <b>11.00 - 12.30</b> | <b>Geriatric fracture treatments (English)</b>  |      | <b>Moderator</b><br>Vajarin Phiphobmongkol<br>Varah Yuenyongyiwat<br>Ji Wan Kim                           | <b>11.00 - 12.30</b> | <b>Research presentation part 2</b>  |        | <b>Moderator</b><br>Paphon Sa-ngasoonsong<br>Yanin Plumarom<br><b>Presenter</b>  |
| 11.00-11.15          | Deformity analysis for lower extremity malunion                                     |  | Vajara Phiphobmongkol   | 11.00-11.12          | How to increase stability of fixation in elderly with poor bone stock?  |      | Ji Wan Kim  | 11.00 - 11.10        | Recombinant human erythropoietin increases hemoglobin levels and reduces blood transfusions in patients with femur fractures; a randomized controlled trial study. Clinical Outcome in Minimally Invasive Approach of Mini Plate versus Screw Fixation of Joint Depression type Calcaneal Fracture   |        |  |
| 11.15-11.30          | Principles of deformity correction  |  | Vajara Phiphobmongkol   | 11.12-11.24          | Fragility pelvic fractures: Diagnosis and treatment plan  |      | Kantapon Dissaneewate   | 11.10 - 11.20        | Functional outcome after 2 step operation following 1 years neglected posterior hip dislocation : a case report  |        |  |
|                      |   |  |   | 11.24-11.36          | "Impact valgus" femoral neck fractures: Fixation or replacement?  |      | Chulin Chewakidakarn  | 11.20 - 11.30        | Artificial intelligence assistance in the decisions of management for the patients with polytrauma conditions: A systematic review and future perspectives   |        |  |
| <b>11.30-12.30</b>   | <b>Case discussion</b>  |  | <b>Panelist</b><br>Theerachai Apivatthakakul<br>Suwittha Sripadungkul<br>Chittawee Jiamton                                      | 11.36-11.48          | How to achieve satisfactory reduction in intertrochanteric fractures?   |      | Nithid Sri-utENCHAI   | 11.30 - 11.40        | The Outcome of Posterior Milking Maneuver for Reduction of Complete Displaced Extension Type Suracodnylar Humeral Fractures in Children  |        |  |
| 11.30 - 11.50        | Acute correction  |  |   | 11.48-12.00          | Role of Primary replacement in intertrochanteric fractures: When and how?   |      | Naruepol Reangsinlapanun  | 11.40 - 11.50        |  |        |  |
| 11.50 - 12.10        | Gradual correction  |  |   |                      |   |      |   |                      |  |        |  |
| 12.10 - 12.30        | Complex cases   |  | Pongsakorn Rungchamrussopa<br>Direk Tantigate<br>Kitchai Luksameearunothai  | <b>12.00 - 12.30</b> | <b>Case discussion</b>  |      | <b>Panelist</b><br>Ji Wan Kim<br>Noratep Kulachote<br>Pongsakorn Bupparenoo                               |                      |  |        |  |
|                      |   |  |   | 12.00-12.12          | Fragility pelvic fracture   |      | Nachapan Pengrung   |                      |  |        |  |
|                      |   |  |   | 12.12-12.24          | 4-part Proximal femoral fracture  |      | Pasawat Lalitwongsa   |                      |  |        |  |
|                      |   |  |   | 12.24-12.30          | Q & A   |      |   |                      |  |        |  |
| <b>12.30 - 13.30</b> | <b>Lunch symposium: Alvogen</b><br>Tips and Tricks to manage the fragility fracture |  | <b>Moderator/Speaker</b><br>Thaweewong Sontapanasilp<br>Theerachai Apivatthakakul   | <b>12.30 - 13.30</b> | <b>Lunch symposium: iNova Pharma (Thailand) Co., Ltd</b><br>Benefit of Fixed Dose Combination : Powerful Synergy Against Pain and Spasm |      | <b>Moderator/Speaker</b><br>Chanakarn Phornphutkul<br>Theerawoot Thamviboonsri                            | <b>12.30 - 13.30</b> | <b>Lunch symposium: Zuellig Pharma</b><br>Osteoanabolic Agent : state of the potential for orthopaedic surgeons  |        | <b>Moderator/Speaker</b><br>Vajarin Phiphobmongkol<br>Noratep Kulachote  |
| <b>13.30 - 15.00</b> | <b>Nonunion and fixation failure (English)</b>                                      |  | <b>Moderator</b><br>Kongkhet Riansuwan<br>Thanawat Buranaphattana<br>Direk Tantigate  | <b>13.30 - 15.00</b> | <b>Common diaphyseal fracture treatments</b><br><b>What an orthopedic trauma surgeon needs to know (Thai)</b>                           |      | <b>Moderator</b><br>Arthit Gromprasit<br>Nisalak Utho   | <b>13.30 - 15.00</b> | <b>Trauma clinic part 2 (Thai)</b>   |        | <b>Moderator</b><br>Vajara Phiphobmongkol<br>Surapong Anuraklekha<br>Surasak Jitprapaikulsam<br>Noratep Kulachote<br>Sukanis Chumchuen |
| 13.30 - 13.45        | A systematic approach for nonunion management                                       |  | Direk Tantigate   | 13.30 - 13.42        | Difficult midshaft clavicular fractures: How to fix it?   |      | Puripun Jirangkul   |                      |  |        |  |
| 13.45 - 14.00        | Valgus osteotomy for femoral neck nonunion: Technical tricks                        |  | Suthorn Bavonratanahev  | 13.42 - 13.54        | Distal third humerus fractures: Anterior or posterior approach?   |      | Chatchanin Mayurasakorn   |                      |  |        |  |
| 14.00 - 14.15        | Implant failures: How to remove bent/broken nail?                                   |  | Kongkhet Riansuwan  | 13.54 - 14.06        | Infra-isthmus femoral fractures: How to achieve adequate stability?   |      | Chittawee Jiamton   |                      |  |        |  |
|                      |   |  |   | 14.06 - 14.18        | Medial plating of the femur: When and how to do it?   |      | Nachapan Pengrung   |                      |  |        |  |
| <b>14.15 - 15.00</b> | <b>Case discussion</b>  |  | <b>Panelist</b><br>JP Leung<br>Suthorn Bavonratanahev<br>Direk Tantigate  | 14.18 - 14.30        | Floating knee injuries: Treatment strategy for success  |      | Pomsak Nirunsuk   |                      |  |        |  |
| 14.15 - 14.30        | Humeral nonunion  |  |   | 14.30 - 14.42        | Proximal tibial fractures: Challenges and tricks for successful outcome   |      | Techit Leelasestaporn   |                      |  |        |  |
| 14.30 - 14.45        | Femoral shaft nonunion  |  | Pornpanit Dissaneewate  | 14.42 - 14.54        | Segmental femoral fractures: How to deal with?  |      | Arthit Gromprasit   |                      |  |        |  |
| 14.45 - 15.00        | Tibial nonunion   |  | Pasit Sengpanich<br>Chittawee Jiamton   | 14.54 - 15.00        | Q & A   |      |   |                      |  |        |  |