



## **CURRICULUM VITAE**

### **PERSONAL INFORMATION**

**Full name:** Pol.Lt.Col. Dr.Tanawat Amphansap

**Date of birth:** October 13, 1980.

**Place of birth:** Bangkok, Thailand.

**Gender:** Male

**Lineage & Citizenship:** Thai

**Office address:** Department of Orthopaedic Surgery,  
Police General Hospital  
492/1 Rama Rd., Bangkok, Thailand, 10330

## EDUCATION

**M.D.** Mahidol University. Bangkok, Thailand 1998-2004  
(Siriraj Medical hospital)

**Internship:** Buddhachinaraj hospital, Naresuan university 2004-2006  
Phitsanukrok, Thailand

### Residencies Orthopaedics Surgery

- Police General Hospital, Bangkok, Thailand 2006-2010
- Basic Science of Surgery 2007
- Advance Trauma life support (ATLS) 2007
- Diploma of Clinical Medicine in Surgery 2007-2008
- Basic Science of Orthopaedics Surgery 2008
- Thai Board of Orthopaedics Surgery 2010

**Fellowship: Trauma Surgery** 2010-2011

Police General hospital, Bangkok, Thailand

**Shoulder and elbow reconstruction** 2012

Charite' Virchow Klinikum, Berlin, Germany

**Hip reconstruction** 2012

Carl Gustav Carus universitat, Dresden, Germany

**AO Trauma Fellowship** 2013

Kyungpook National University Hospital, Daegu

South Korea

### Clinician Attestation of Achievement in

Osteoporosis: Essentials of Densitometry, Diagnosis and management at Singapore General Hospital 2014

**EMBO Ortho Surgeon Speaker Training 2014** at Dubai, United Arab Emirates

**"Fix and Treat international speaker training course 2018"** in London, UK

## **Certificate of Attendance for International Osteoporosis meeting**

- 1) "TOPF Osteoporosis Review course" in Bangkok, Thailand 2009, 2013, 2014, 2015
- 2) "Fracture & Beyond International osteoporosis Forum 2013" at Taipei, Taiwan
- 3) "4<sup>th</sup> Asia-Pacific Osteoporosis Meeting 2013" IOF Regionals in Hongkong
- 4) "World congress on Osteoporosis, osteoarthritis and musculoskeletal disease 2014" WCO-IOF-ESCEO, Seville, Spain
- 5) "5<sup>th</sup> Asia-Pacific Osteoporosis Meeting 2014" IOF Regionals in Taipei
- 6) "World congress on Osteoporosis, osteoarthritis and musculoskeletal disease 2015" WCO-IOF-ESCEO, Milan, Italy
- 7) "2<sup>nd</sup> Advance training course on Osteoporosis 2015" at Cha-um, Thailand
- 8) "2015 PASEAN Osteoporosis Scientific Exchange Meeting" Bangkok, Thailand
- 9) "World congress on Osteoporosis, osteoarthritis and musculoskeletal disease 2016" WCO-IOF-ESCEO, Malaga, Spain
- 10) "ASBMR 2016" at Atlanta, USA
- 11) "6<sup>th</sup> Regional IOF 2016" at Singapore
- 12) "1<sup>st</sup> Asia-Pacific Bone Academy 2016" at Bangkok, Thailand
- 13) "World congress on Osteoporosis, osteoarthritis and musculoskeletal disease 2017" WCO-IOF-ESCEO, Florance, Italy
- 14) "ASBMR 2017" at Denver, USA
- 15) "2<sup>nd</sup> Asia-Pacific Bone Academy 2017" at Incheon, South Korea
- 16) "5<sup>th</sup> AFOS meeting and FLS workshop 2017" in Malaysia
- 17) "World congress on Osteoporosis, osteoarthritis and musculoskeletal disease 2018" WCO-IOF-ESCEO, Krakow, Poland
- 18) "7<sup>th</sup> Fragility Fracture Network 2018", Dublin, Ireland

## **Textbook**

- 1) "Common dislocation in orthopedics" ตำราการรักษาผู้ป่วยทางออร์โธปิดิกส์ โรงพยาบาลตำรวจ. ธนวัฒน์ อัมพันธ์ทรัพย์ บรรณาธิการ. 2558;30-32
- 2) "Myofascial pain syndrome" ตำราการรักษาผู้ป่วยทางออร์โธปิดิกส์ โรงพยาบาลตำรวจ. ธนวัฒน์ อัมพันธ์ทรัพย์ บรรณาธิการ. 2558;99-106
- 3) "Principle and management of osteoporosis" ตำราการรักษาผู้ป่วยทางออร์โธปิดิกส์ โรงพยาบาลตำรวจ. ธนวัฒน์ อัมพันธ์ทรัพย์ บรรณาธิการ. 2558;120-132
- 4) "Principle and Management of Osteoporosis" ตำราออร์โธวีวัฒน์ 1. 2558;174-183
- 5) โรคกระดูกพรุน ภัยเงียบในผู้สูงอายุ โดย พ.ต.ต.นพ.ธนวัฒน์ อัมพันธ์ทรัพย์ ผู้แต่งและบรรณาธิการ. 2559 ISBN:978-616-413-543-7
- 6) "Osteoporosis" ตำราออร์โธปีญญาวัตร 1. 2559;117-122
- 7) "Police General Hospital's Fracture Liaison Service: The first implementation study in Thailand" Menopause 4.0. 2561:35-52

## Research

1) "Total knee replacement Following Repeat cycles of Intra-articular Sodium Hyaluronate in Failed conservative treatment of Knee osteoarthritis: A 54 months F/U"

Thana Turajane MD, Tanawat Amphansap MD. J.Med.Asso.Thai 2009; 92(6)

2) Arthroscopic anatomic glenoid reconstruction using an autologous iliac crest bone grafting technique.

Kraus N, Amphansap T, Gerhardt C, Scheibel M.

J Shoulder Elbow Surg. 2014 Nov;23(11):1700-8. doi: 10.1016/j.jse.2014.03.004.

Epub 2014 Jun 12.

3) One-year mortality rate after osteoporotic hip fractures and associated risk factors in Police General Hospital.

Amphansap T, Nitiwarangkul L

J Osteoporosis and Sarcopenia 1 (Sep 2015), pp. 75-79. DOI: 10.1016/j.afos.2015.07.006

4) Evaluation of Police General Hospital's Fracture Liaison Service (PGH's FLS):

The First Study of a Fracture Liaison Service in Thailand.

Tanawat Amphansap, Nitirat Stitkitti, Peerachai Dumrongwanich

J Osteoporosis and Sarcopenia 2(2016): 238-243

5) Comparative outcome of PFNA, Gamma nails, PCCP, Medoff plate, LISS and dynamic hip screws for fixation in elderly trochanteric fractures: a systematic review and network meta-analysis of randomized controlled trials.

Alisara Arirachakaran, Tanawat Amphansap, Pichaya Thanindratarn, Peerapong Piyapittayanun, et al

Eur J Orthop Surg Traumatol DOI 10.1007/s00590-017-1964-2

## **Speaker**

1. "Diagnosis and risk assessment in osteoporosis" in Review metabolic course 2013, Bangkok, Thailand, 2013
2. "Screening and Diagnosis in Osteoporosis" in Combine meeting Metabolic and Spine course 2013, at Ramathibodi hospital, Bangkok, Thailand
3. "Infection after osteosynthesis" in The AO international Basic Course 2013 in Bangkok, Thailand, 2013
4. "Atypical femoral fracture Guideline of diagnosis and management" in MBOG session at RCOST, Bangkok, Thailand, 2013
5. "Bone marker application" in PM&R department at General Police Hospital, Bangkok, Thailand, 2013
6. "Atypical femoral fracture: How do we know about them?" in Police day 2013 at General Police Hospital, Bangkok, Thailand, 2013
7. "Arthroscopic assist Glenoid reconstruction with IBG technique" in Police day 2013 at General Police Hospital, Bangkok, Thailand, 2013
8. "New trend in Shoulder arthroplasty" in Police day 2013 at General Police Hospital, Bangkok, Thailand, 2013
9. "Application of Serum Bone maker" in Osteoporosis forum "Meet the expert" 2014, Rama hospital, Bangkok, Thailand
10. "Common orthopedic problem in Trauma for extern and Intern at General Police hospital, 2014
11. "Screening and diagnosis in Osteoporosis" in Review metabolic course 2014, Bangkok, Thailand
12. "Basic Osteoporosis and Clinical update in Denosumab use" in GSK tutorial day, Bangkok 2014
13. "Metabolic bone disease for Orthopedic board examination" for 4<sup>th</sup> year resident at PMK hospital, 2014
14. "Metabolic bone disease in Basic science aspect" for Basic science tutorial course at PMK hospital, 2014
15. "Special radiology in orthopedic" for technician in Ramathibodi hospital at Hua-hin, 2014
16. "How to operate complicated proximal humeral fracture" in advance AO course 2014, Bangkok

17. "The (soft-tissue) injury—a high priority consideration" in Basic AO course 2014, Bangkok
18. “กระดูกหักในผู้สูงอายุ” งานประชุมวิชาการพยาบาล รพ.ตำรวจ ประจำปี **2557** at General police hospital
19. "General principle in osteoporosis and Liaison project" in Capture the fracture meeting at General police hospital, Bangkok 2014
20. "Pathogenesis in osteoporosis" in ICL MBOG at Ramathibodi hospital, 2014
21. "Osteoclast biology and function" in GSK meet the expert (MBOG) in Bangkok 2014
22. "Clinical pathway in osteoporotic Hip fracture" in RCOST 2014, Pattaya
23. "Up to date in Atypical femoral fracture" in 8<sup>th</sup> AO trauma in Chiangrai 2014
24. "Medical staff and Vitamin D problem" in Osteoporosis day at General police hospital 2014
25. "Medication in osteoporosis 2015" at General police hospital 2015
26. "Difficult cases in severe osteoporotic fracture" interhospital conference for resident at General police hospital 2015
27. "Denosumab effects on Cortical Bone" in GSK meeting in Bangkok 2015
28. "Long term use Denosumab in EBM aspect" at General police hospital 2015
29. "Principle reduction and fixation in osteoporotic fracture" at TOTAC 2015 in Hat Yai, Songkhia
30. "Bone remodeling and osteoclast function" at TBMS and MBOG meeting at Intercontinental Hotel, Bangkok 2015
31. "Pharmacologic treatment and their complication in osteoporosis" for Orthopedic Board Examination 2015 in Bangkok
32. "Follow up and monitoring in osteoporosis" for Orthopedic Board Examination 2015 in Bangkok
33. "Liaison: Capture the fracture project" for PGH's Liaison team at Police General Hospital
34. "Liaison: Experience from Government hospital" for TOPF meet the expert at Dusit thani hotel, Bangkok
35. "How to use Knowledge management process for PGH's Liaison project" in KM contest 2015 at Police General Hospital

36. "Anabolic agents for osteoporosis therapy" in annual MBOG meeting 2015 at Khonkaen
37. "Principle and management in Osteoporosis" in ICL session RCOST 2015 at Pattaya
38. "Entering the new era of osteoporosis management with Denosumab" 2015 at Ratchaburi hospital
39. "Entering the new era of osteoporosis management with Denosumab" 2015 at Phitsanurok hospital
40. "How to do FLS in Government hospital" in FLS nurse 2016 (TOPF) at Lardsin hospital
41. "Principle fixation in osteoporotic fracture" in TOTAC 2016, Chiangmai
42. "Capture the fracture" in TOPF Advance course 2016, Pattaya
43. "How to use Bisphosphonate in Clinical practice" in TOPF Advance course 2016, Pattaya
44. "SYSADOA in ESCEO Clinical practice guideline" at Satune, Thailand
45. "ผู้สูงวัยกับโรคกระดูกพรุน" รพ.ยาสูบ กรุงเทพฯ
46. "Fracture Liaison Service; How to start this project" รพ.อยุธยา, Ayuttaya, Thailand
47. "How to use KM in PGH's FLS project" Police General hospital, BKK, Thailand
48. "Capture the fracture" Annual TOPF meeting 2016, Chula hospital, Bangkok
49. "Evaluation after PGH's Liaison implementation" in APOA & RCOST 2016, Chiangmai, Thailand
50. "Clinical pathway in osteoporotic hip fracture" in Annual MBOG 2016, Chula Hospital, Thailand
51. "How to choose oral bisphosphonate in my practice" in Annual MBOG 2016, Chula Hospital, Thailand
52. "What's next after osteoporotic fracture patient management" in TOTAC 2017, Nakronratchasima, Thailand
53. "How to use Bisphosphonate in Clinical practice" in TOPF meeting course 2017, Eastin hotel, Bangkok, Thailand
54. "Osteoarthritis in elderly society- ESCEO guideline" งานประชุมเมสส์ 2017 แพทยสมาคมแห่งประเทศไทย



55. "How to manage OA knee's patients in real life" Specific expert meeting 2017, เขาใหญ่ โคโรนา, Thailand
56. "Capture the Fracture: How to set up and PGH's experience" Annual North east meeting 2017, Sakornakorn, Thailand
57. "What difference between OA and Osteoporosis?" งานเภสัชชุมชน เขตภาคใต้, Phuket, Thailand
58. "FLS: Capture the Fracture project 2017" Petchaburi, Thailand
59. "Experience in PGH's Liaison" 1<sup>st</sup> regional FLS group meetng, Pitsanulok, Thailand
60. "Capture the fracture and Nurse coordination" TOPF Training FLS's Nurse 2017, Chula university, Bangkok, Thailand
61. "Fast tract hip and FLS in province hospital" Phuket, Thailand
62. "Augmentation and fixation in osteoporotic fracture" AFOS 2017 in Malaysia
63. "Capture the fracture: Police General Hospital experience" MBOG 2017 in Burirum, Thailand
64. "Capture the fracture: Police General Hospital experience" FLS workshop in Nan, Thailand
65. "Capture the fracture: Police General Hospital experience" FLS workshop in Suratthani, Thailand
66. "Capture the fracture: Police General Hospital experience" TOTAC 2018 in Phitsanulok, Thailand
67. "How to use Bisphosphonate in Clinical practice" Advance TOPF training course 2018, Golden tulip hotel, Bangkok, Thailand
68. "FLS experience in PGH" 1<sup>st</sup> Thailand FLS forum and workshop at Asia hotel, Bangkok, Thailand
69. Meet the expert in Capture the fracture in Thailand, MAC 2018, Thailand
70. "Capture the fracture: Police General Hospital experience" FLS workshop in Korat, Thailand
71. "Refracture prevention program: National policy directive" AFFN2018 in Singapore
72. "Fracture Liaison project in Thailand" AFFN2018 in Singapore

73. "Capture the fracture: Police General Hospital experience" FLS workshop in Khonkaen, Thailand
74. "The Effectiveness of 3-year Police General Hospital's Fracture Liaison Service Implementation: A Prospective Cohort study" 7<sup>th</sup> FFN, Dublin, Ireland
75. "Treatment off therapy in osteoporosis" Annual TOPF meeting 2018, Bangkok, Thailand
76. "How to use Bisphosphonate in clinical practice" Reproductive annual meeting, Chula hospital, Bangkok, Thailand
77. "Update in antiresorptive medication in osteoporosis" RCOST 2018, Pattaya, Thailand
78. "Surgical considerations and postoperative management in elderly" APBA 2018, Taipei, Taiwan
79. "Male osteoporosis" Annual MBOG meeting 2018, Chiangmai, Thailand
80. "Refracture prevention program: A Thailand national policy directive" Asia-pacific FFN, Tokyo university, Japan

## **Current Position**

1. Chief of Police Osteoporosis and Geriatric excellent center of Orthopaedic Surgery at Police General Hospital (POGEC)
2. Founder, Chief Coordinator and Leader for Fracture Liaison Service at Police General Hospital (PGH's Liaison)
3. Founder and Chief of PGH's FRAX
4. Member of Metabolic and Orthogeriatric section (MBOG) of The Royal College of Orthopaedic Surgeons of Thailand (RCOST)
5. Member of Thailand Osteoporosis Foundation (TOPF)
6. General secretary of FFN-Thailand
7. Member of AOTrauma Foundation
8. Member of Thailand Fracture Liaison service (FLS) of Royal College of Orthopaedic Surgeons of Thailand (RCOST)
9. Member of Trauma unit of Department of Orthopaedic Surgery of Police General Hospital
10. Ethic committee of Police General Hospital (IRB)
11. Advisory board of Asia-pacific Bone Academy
12. Clinical expert cascade (CEC) Faculty

## **International and Regional awards**

1. The gold medal international best practice framework” from International Osteoporosis Foundation (IOF) in 2016
2. An innovation award for Public service from Public sector development commission or กพร in 2016
3. เกียรติบัตรบุคคลที่สนับสนุนการดำเนินงานด้านผู้สูงอายุ ประจำปี **2560** จากกระทรวงการพัฒนาสังคมและความมั่นคงในมนุษย์
4. ชำราชการพลเรือนดีเด่น ประจำปี **2560**