

ISSADA THONGTRANGAN, M.D.

Orthopaedic and Spine Institute

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San Antonio, TX 78240

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PERSONAL INFORMATION

CITIZENSHIP US citizen
GENDER Male

FELLOWSHIP

Texas Back Institute, Plano, TX

Spine Fellow, Aug 2010 - Jul 2011

Medical college of Virginia/Virginia Commonwealth University, Department of Orthopedic Surgery, Richmond, VA

Orthopedic Trauma (Clinical) Fellow, July 2004 – June 2005

Stanford University Medical Center, Department of Neurosurgery, Palo Alto, CA

Spine and peripheral nerve reconstruction Fellow, July 2003 – June 2004

University of Minnesota, Department of Orthopedic Surgery, Minneapolis, MN

Adult Reconstruction (Clinical) Fellow, July 2002 – June 2003

The Leatherman Spine Institute, Louisville, KY

Research Fellow, February-June, 2002

University of Illinois at Chicago, Chicago, IL, USA.

Fellow in Medical education (Non-clinical duty), July-November, 1999

RESIDENCY

Medical college of Virginia/Virginia Commonwealth University, Department of Orthopedic Surgery, Richmond, VA

Orthopedic Resident, July 2005 – 2010

Orthopedic Chief Resident 2010

Prince of Songkla University, Residency Program Training, Department of Orthopedics, Songkla, Thailand

Certified Board of Orthopedics Surgery, July 1996

MEMBERSHIP

North American Spine Society
American Association of Orthopedic Surgeons
American Medical Association
Texas Medical Association
Medical Society of Virginia
Virginia Orthopedic Society

LICENSES

Medical License Texas, issued August 2010
Medical License State of Ohio, issued April 2010
Medical License State of California, issued August 2006

OITE SCORES

2009: 216 (95th Percentile)
2008: 208 (98th Percentile)
2007: 196 (96th Percentile)
2006: 166 (95th Percentile)

CONTINUING MEDICAL EDUCATION

Artificial Disc: Prodisc-C and Prodisc-L Course
Synthes, Plano, TX; Mar 5-6, 2011

MIS Spine course

NASS, Burr Ridge, IL; Aug 6-7, 2010

Direct Lateral Spinal technique workshop

AANS, Burr Ridge, IL; May 15-16, 2010

Current Concepts in Joint Replacement (Scholarship recipient)

Current Concepts Foundation, Orlando, FL; Dec10-13, 2008

Contemporary spine surgery

AAOS, Chicago, IL; Sep 18-20, 2008

Advance in Orthopaedic Trauma

AAOS, Chicago, IL; April 16-18, 2004

A Novel Technique in Lumbar Spine Surgery: A Hands-On Course

St.Louis University Medical Center, St.Louis, MO; February 6-8, 2004

NIH Grant Writing Workshop

University of Minnesota, Minneapolis, MN; April 3-4, 2003

Endoscopic Techniques in Anterolateral Spinal Fixation

B.Braun Biological Test Center, Irvine, CA; September 6-8, 2002

14th Annual International Spine & Peripheral Nerve Workshop: Thoraco-Lumbar Course

Uniformed Services University of the Health Sciences (USUHS), Bethesda, MD; June 2-5, 2002

14th Annual International Spine & Peripheral Nerve Workshop: Cervical Course

Uniformed Services University of the Health Sciences(USUHS), Bethesda, MD; May 30-June 1, 2002

Cleveland Spine Review 2002

Cleveland Clinic Foundation, Cleveland, OH; May 4-10, 2002

Minimally Invasive Spine Surgery; Course # 3406

American Association of Orthopaedic Surgeons, St.Louis, MO; April 12-14, 2002

Surgical Approach and Techniques for the Lumbar spine: A Hands-On Course

North American Spine Society, Barrow Neurological Institute, Phoenix, AZ; March 15-16, 2002

JOURNALS

Thongtrangan I., Ohnmeiss D., Blumenthal S., Hume S., Guyer R., & Zigler J.: **Intra-operative Primary Conversion of Attempted Lumbar Total Disc Replacement to Fusion: Incidence and Causes.** (Submitted)

Thongtrangan I., Ohnmeiss D., & Guyer R.: **Outcomes of CHARITE lumbar artificial disc VS fusion:5-yr data.** (Submitted)

Thongtrangan I., Ohnmeiss D., Atanasov A., & Guyer R.: **Health-Related Quality of Life: How Does Symptomatic Disc Degeneration and Its Treatment with Total Disc Replacement Compare to Other Medical Conditions?** (Submitted)

Sambandam, S., Gul, A., Thongtrangan, I., & Mounasamy, V. (2008). **Revision knee arthroplasty with retention of well-fixed components.** *European Journal of Orthopedic and Trauma*, November 2008.

Ulrich, S.D., Seyler, T.M., Bennett, D., Delanois, R.E., Saleh, K.J., Thongtrangan, I., et al (2007). **Total Hip Arthroplasties: What are the Reasons for Revision?** *International Orthopaedics*, April 2007.

Zhang, H.Y., Thongtrangan, I., Le, H., Park, J., & Kim, D.H. (2005). **Expandable Cage for Cervical Spine Reconstruction.** *Journal of Korean Neurosurgical society*, 38(6): 435-441.

Thongtrangan, I., Thongtrangan, K., & Kim D.H. (2005). **Current techniques in minimally invasive cervical disc surgery.** *Minerva Orthopaedica e traumatologica*, 56(5): 465-481.

Le, H., Thongtrangan, I., & Kim, D.H. (2004). **Historical Review of Cervical Arthroplasty.** *Neurosurg Focus* 17(3).

Saleh, K.J., Thongtrangan, I., & Schwarz, E.M. (2004). **Osteolysis: medical and surgical approaches.** *Clin Orthop*, 427:138-147.

- Cheng, E.Y., Thongtrangan, I., Laorr, A., & Saleh, K.J. (2004). **Spontaneous Resolution of Osteonecrosis of the Femoral Head.** *J Bone Joint Surg Am*, 86: 2594-2599.
- Thongtrangan, I., Le, H., Park, J., & Kim, D.H. (2004). **Cauda equina syndrome in patients with low lumbar fractures.** *Neurosurg Focus*, 16: 6: e6.
- Thongtrangan, I., Le, H., Park, J., & Kim, D.H. (2004). **Minimally invasive spinal surgery: a historical perspective.** *Neurosurg Focus*, 16: 1: E13.
- Thongtrangan, I., Balabhadra, R.S., Le, H., Park, J., & Kim, D.H. (2003). **Vertebral body replacement with an expandable cage for reconstruction after spinal tumor resection.** *Neurosurg Focus*, 15: 5: E8.
- Thongtrangan, I., Balabhadra, R.S., & Kim, D.H. (2003). **Management of strut graft failure in anterior cervical spine surgery.** *Neurosurg Focus*, 15: 3: E4.
- Zhang, H.Y., Thongtrangan, I., Balabhadra, R.S., Murovic, J.A., & Kim, D.H. (2003). **Surgical techniques for total sacrectomy and spinopelvic reconstruction.** *Neurosurg Focus*, 15: 2: E5.
- Hammerberg, M., Thongtrangan, I., Saleh, K.J. (2003). **Periprosthetic fractures complicating total knee arthroplasty.** *Seminars in Arthroplasty*, 14(3): 173-179.
- Thongtrangan, I., Yoon, P., Saleh, K.J. (2003). **Bony Reconstruction in Revision Total Knee Arthroplasty.** *Seminars in Arthroplasty*, 14 (3): 152-158.
- Thongtrangan, I., Yoon, P., Saleh, K.J. (2003). Principles in Revision Total Knee Arthroplasty. *Seminars in Arthroplasty*, 14(3): 142-147.
- Thongtrangan, I. (2002). **Percutaneous Screw fixation for Scaphoid Fracture (snuff box incision).** *Journal of Asean orthopedics*.
- Thongtrangan, I. (2002). **Mini Mobile "Police" External Fixator for Comminuted Injuries of the Hands.** *Journal of Asean orthopedics*.
- Thongtrangan, I. (1996). **Pattern of Patellofemoral Joints Subluxation in Varus OA Knees.** *Journal of Asean orthopedics*.

BOOK CHAPTERS

- Thongtrangan, I., Guyer, R. (In Press). **Anterior Lumbar Disc Arthroplasty.** In J. Eck, A. Vaccaro (Eds), *Surgical Atlas of Spinal Operations*: JayPee Publishing.
- Thongtrangan, I., Lieberman, I. (In Press). **Kyphoplasty.** In E. Baron, A. Vaccaro (Eds), *Operative Techniques in Spine surgery (2nd ed)*: Saunders.
- Thongtrangan, I., Le, H., Park, J., & Kim, D.H. (2008). **Neurofibromatosis of the spine.** In D.H. Kim, R.R. Betz, S.L. Huhn, & P.O. Newton (Eds.), *Surgery in pediatric spine*. New York: Thieme Medical Publishers.
- Le, H., Thongtrangan, I., Kim, D.H. (2006). **Fusion-minimally invasive techniques.** In C.W. Slipman, R. Derby, & F.A. Simeone (Eds.), *Interventional spine*. Saunders.

Le, H., Kim, D.H., Thongtrangan, I., Park, J., & Fessler, R. (2006). **Surgical approaches to the cervicothoracic junction.** In H.H. Schmidek & D.W. Roberts (Eds.), *Schmidek and Sweet's Operative Neurosurgical Techniques* (5th ed.). Philadelphia: Elsevier publishers.

Thongtrangan, I., Le, H., Park, J., Kim, D.H. (2005). **Surgical techniques for expandable cage instrumentation.** In D.H. Kim, A.R. Vaccaro, & R.G. Fessler (Eds.), *Spinal Instrumentation Surgical Techniques*. New York: Thieme Medical Publishers.

Thongtrangan, I., Le, H., Park, J., Kim, D.H. (2005). **Surgical techniques for anterior Moss-Miami SI dual rod instrumentation.** In D.H. Kim, A.R. Vaccaro, & R.G. Fessler (Eds.), *Spinal Instrumentation Surgical Techniques*. New York: Thieme Medical Publishers.

Thongtrangan, I., Le, H., Park, J., Kim, D.H. (2004). **Thoracic and thoracolumbar fractures.** In D.H. Kim, A.R. Vaccaro, J. Hayne, & C. Dickman (Eds.), *Surgical anatomy and approaches of the spine*. New York: Thieme Medical Publishers.

Thongtrangan, I., Le, H., Park, J., Kim, D.H. (2004). **Surgical anatomy and approaches to the thoracolumbar junction.** In D.H. Kim, A.R. Vaccaro, J. Hayne, & C. Dickman (Eds.), *Surgical anatomy and approaches of the spine*. New York: Thieme Medical Publishers.

Saleh, K.J., Mulhall, K.J., Thongtrangan, I., & Barrack, R.L. (2006). **Revision Total Knee Arthroplasty.** In R. Barrack, R.E. Booth, J.H. Lonner, J.C. McCarthy, M.A. Mont, & H.E. Rubash (Eds.), *Orthopaedic Knowledge Update: Hip and Knee Reconstruction 3*. AAOS publishers.

PODIUM PRESENTATIONS

Thongtrangan I, Ohnmeiss D, Atanasov A, Guyer R: **Health-Related Quality of Life: How Does Symptomatic Disc Degeneration and Its Treatment with Total Disc Replacement Compare to Other Medical Conditions?** SAS, Las Vegas, NV, Apr 2011

Cervical Disc replacement: A Quantitative analysis, Orthopedic resident day, Richmond, VA, June 2010

Biomechanical Evaluation of Parallel VS Perpendicular fixation for distal humeral fractures, Virginia Orthopedic Society annual meeting, Virginia Beach, VA, May 2009

Spontaneous Resolution of Osteonecrosis of the Femoral Head, ARCO annual meeting, Jeju Island, South Korea, October 2003

POSTER PRESENTATIONS

Thongtrangan I, Ohnmeiss D, Atanasov A, Guyer R: **Health-Related Quality of Life: How Does Symptomatic Disc Degeneration and Its Treatment with Total Disc Replacement Compare to Other Medical Conditions?** AO Fellow spine conference. Banff. Canada, Mar 2011

Thongtrangan I, Owen JR, Leavitt SC, Wayne JS, Boardman ND: **Biomechanical Evaluation of Parallel VS Perpendicular fixation for distal humeral fractures.** Virginia Orthopaedic Society annual meeting, Virginia Beach, VA, May 2009

Thongtrangan I, Balabhadra RSV, Le H, Park J, Kim DH: **Outcomes of expandable cage VBR in 72 corpectomised patients.** AANS 2004, May 1-5, Orlando, FL, U.S.A.

Le H, Thongtrangan I, Balabhadra RSV, Park J, Kim DH: **Treatment of cervicothoracic junction instability: a review of 46 patients and surgical stabilization techniques.** AANS 2004, May 1-5, Orlando, FL, U.S.A.

HONORS

Orthopedic residency program:

- Best Resident Award 2010, Department of Orthopedics Surgery. Medical College of Virginia
- Best Orthopaedics teaching resident 2008, recognized by Journal of Orthopedics trauma and Synthes