**RESEARCH**

**PhD Thesis:**

1. “The role of PEDF as an inhibitor of osteosarcoma growth, angiogenesis and metastasis”

**Book Chapters:**


**Publications – Peer Reviewed Journals:**


8. **Ek ET**, Neukom L, Catanzaro S, Gerber C. Reverse total shoulder arthroplasty for massive irreparable rotator cuff tears in patients less than 65 years old – results after 5 to 15 years of follow up. *Journal of Shoulder and Elbow Surgery*. 2013; 22 (9): 1199-1208


19. Ek EW, Rozen WM, **Ek ET**, Rudiger HA. Surgical Options for Reconstruction of the Extensor Mechanism of the Knee After Limb-Sparing Sarcoma Surgery: An Evidence-Based Review. *Archives of Orthopaedic and Trauma Surgery.* 2010;


25. Wei YZ, **Ek ET**, Yu LP, Yin GY. Oncological and functional results following operations for giant cell tumour of bone. *Journal of the Nanjing Medical University*. 2008; 22 (2): 107-110


45. Yuen A, **Ek ET**, Choong PF. Is resection of tumours involving the pelvic ring justified? A review of 49 consecutive cases. *International Seminars of Surgical Oncology*. 2005; 9(2) 1: 9


**Podium Presentations:**

1. Ek ET, Choong PF. Comparison between triple tapered and double tapered cemented femoral stems in Total Hip Arthroplasty. Early results after 5 years of clinical experience. Surgical Research Society of Australasia Annual Scientific Meeting, Melbourne, August, 2003

2. Ek ET, Yu EP, Chan JT, Love BR. Nerve Injuries in Orthopaedic Surgery – is there anything more we need to tell the patient? Surgical Research Society of Australasia Annual Scientific Meeting, Melbourne, August, 2003

3. Ek ET, Choong PF. Comparison between triple tapered and double tapered cemented femoral stems in Total Hip Arthroplasty. Early results after 5 years of clinical experience. 62nd Annual Scientific Meeting, Australian Orthopaedic Association, Adelaide, October, 2003


8. Ek ET, Choong PF. Comparison between triple tapered and double tapered cemented femoral stems in Total Hip Arthroplasty. Early results after 5 years of clinical experience. 54th Annual Scientific Meeting, NZ Orthopaedic Association, Rotorua, NZ, October, 2003

10. Ek ET, Choong PF. Comparison between triple tapered and double tapered cemented femoral stems in Total Hip Arthroplasty. Early results after 5 years of clinical experience. Sir Edward Hughes Memorial Clinical Research Prize in Surgery – Finalist, Cabrini Hospital, Monash University, October, 2003


14. Ek ET, Ek EW, Mackay S. Undergraduate experience of Surgical Teaching, and its effect on career choice. Annual Scientific Meeting, Royal Australasian College of Surgeons (Vic), October, 2004


17. Ek ET, Ojaimi J, Choong PF. Determining the prognostic significance of angiogenesis in human Osteosarcoma. 13th International Symposium on Limb Salvage (ISOLS), Seoul, Korea, September 2005


19. Ek ET, Ojaimi J, Kitagawa Y, Choong PF. Osteosarcoma in patients over the age of 40 years – The Melbourne experience. 64th Annual Scientific Meeting, Australian Orthopaedic Association, Perth, October, 2005

20. Ek ET, Ojaimi J, Kitagawa Y, Choong PF. Determining the prognostic significance of angiogenesis in human Osteosarcoma. 64th Annual Scientific Meeting, Australian Orthopaedic Association, Perth, October, 2005

22. Dass CR, Ek ET, Contreras KG, Choong PF. Exposure of osteosarcoma cells to uPA antisense paradoxically upregulates its expression and that of uPAR: A work of caution. 43rd Surgical Research Society of Australasia Annual Scientific Meeting, Sydney, May 2006

23. Ek ET, Dass CR, Contreras KG, Choong PF. Pigment epithelium-derived factor (PEDF) inhibits osteosarcoma in a syngeneic rat model. 43rd Surgical Research Society of Australasia Annual Scientific Meeting, Sydney, May 2006. Best paper prize/Young Investigator Award


25. Ek ET, Sim IW, Choong PF. Oncological outcomes after resection and reconstruction of bone and soft tissue tumours around the knee: The St. Vincent’s Hospital experience. Annual Scientific Congress, Royal Australasian College of Surgeons, Sydney, May 2006


31. Dass CR, Ek ET, Contreras KG, Choong PF. uPA upregulation in osteosarcoma cells increases migration but decreases invasion: correlation with upregulation of uPAR, PAI-1 and SPARC. Australian and New Zealand Orthopaedic Associations, Combined Scientific Meeting, Canberra, October 2006

32. Ek ET, Dass CR, Contreras KG, Choong PF. PEDF inhibits osteosarcoma growth, invasion and metastasis. 12th Connective Tissue Oncology Society Meeting, Venice, Italy, November 2006. Best paper presentation & Young Investigator Award
33. Ek ET, Dass CR, Contreras KG, Choong PF. PEDF inhibits osteosarcoma growth and metastasis. 14th International Symposium on Limb Salvage (ISOLS), Hamburg, Germany, September, 2007, **2nd Prize - Best paper presentation**

34. Rudiger HA, Ek ET, Powell GJ, Ngan S, Choong PF. Surgical treatment of soft tissue sarcomas of the adductor compartment. 67th Annual Scientific Meeting, Australian Orthopaedic Association, Gold Coast, October 2007

35. Ek ET, Dass CR, Contreras KG, Choong PF. PEDF inhibits osteosarcoma growth and metastasis. Annual Meeting, Australian Orthopaedic Registrars Association (AORA), Lorne, Victoria, October 2007. **Best paper presentation – Allan Frederick Dwyer Prize**

36. Gerber C, Ek ET. Hill Sachs lesions – How and when to treat? 23rd Congress of the European Society for Surgery of the Shoulder (SECEC-ESSSE), Lyon, France, September 2011

37. Beeler S, Ek ET, Gerber C. A comparative analysis of fatty infiltration and muscle atrophy in patients with chronic rotator cuff tears and suprascapular neuropathy. 72nd Annual Congress, Swiss Society of Orthopaedics and Traumatology (SGOT), Basel, Switzerland, June 2012

38. Ek ET, Neukom L, Catanzaro S, Gerber C. Reverse total shoulder arthroplasty for patients less than 65 years old with massive irreparable rotator cuff tears – results after 5 to 15 years of follow up. 24th Annual Congress of European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE), Dubrovnik, Croatia, September, 2012. **Award Best paper prize**


**Poster Presentations:**


4. Ek ET, Neukom L, Catanzaro S, Gerber C. Reverse shoulder arthroplasty for irreparable rotator cuff tears or cuff tear arthropathy in patients less than 65 years old – Results after 5 to 15 years. American Shoulder and Elbow Society (ASES) 2013 Open Meeting, Chicago, March 2013


7. Ek ET, Shi LL, Tompson JD, Freehill MT, Warner JJ. Surgical treatment of isolated Type II SLAP lesions: Repair versus biceps tenodesis. International Congress of Shoulder and Elbow Surgery (ICSES) 2013, Nagoya, Japan, April, 2013

8. Ek ET, Neukom L, Catanzaro S, Gerber C. Reverse shoulder arthroplasty for irreparable rotator cuff tears or cuff tear arthropathy in patients less than 65 years old – Results after 5 to 15 years. International Congress of Shoulder and Elbow Surgery (ICSES) 2013, Nagoya, Japan, April, 2013

9. Ek ET, Neukom L, Catanzaro S, Gerber C. Reverse shoulder arthroplasty as a salvage option following failed osteosynthesis or prosthetic reconstruction in patients less than 65 years of age: results with minimum five years follow up. International Congress of Shoulder and Elbow Surgery (ICSES) 2013, Nagoya, Japan, April, 2013

10. Ek ET, Shi LL, Tompson JD, Freehill MT, Warner JJ. Surgical treatment of isolated Type II SLAP lesions: Repair versus biceps tenodesis. 9th International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS), Toronto, Canada, May, 2013
MULTIMEDIA PRESENTATIONS

1. Reverse Total Shoulder Arthroplasty with Latissimus Dorsi / Teres Major Transfer.
   Ek ET, Tompson JD, Shi LL, Higgin LD, Warner JJ. – Boston Shoulder Institute, Harvard Shoulder Service
   VuMedi – www.vumedi.com

2. Rehabilitation following Latissimus Dorsi Tendon Transfer: Use of Biofeedback training
   Ek ET, Tompson JD, Shi LL, Phillips K, Beal J, Higgins LD, Warner JJ. - Boston Shoulder Institute, Harvard Shoulder Service
   VuMedi – www.vumedi.com

3. Suprascapular neuropathy and ossified transverse scapular ligament – Arthroscopic release techniques
   Shi LL, Ek ET, Freehill MT, Vezeridis PS, Tompson JD, Higgins LD, Warner JJ. - Boston Shoulder Institute, Harvard Shoulder Service
   VuMedi – www.vumedi.com

4. Arthroscopic treatment of calcific tendinitis of the rotator cuff
   Ek ET, Yannopouls PF, Tompson JD, Warner JJ. - Boston Shoulder Institute, Harvard Shoulder Service
   VuMedi – www.vumedi.com