

## Curriculum Vitae

**Name:** Yat-Wa Wong

**Sex:** Male

**Marital status:** Married

**Date of Birth:** 23<sup>rd</sup> October 1963

**Place of birth:** Hong Kong

**Nationality:** Chinese

**Office Address:** Hong Kong Sanatorium & Hospital Limited, 2/F, Li Shu Fan Block, 2 Village Road, Happy Valley, Hong Kong

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### Professional qualifications

M.B., B.S. (Hong Kong 1989)

F.R.C.S (Edinburgh 1992)

FHKCOS, FHKAM (Ortho.) (Hong Kong 1996)

FHKAM (Orthopaedic Surgery) 1996

### Honorary appointment

Honorary Clinical Professor

Department of Orthopaedics and Traumatology,  
The University of Hong Kong

Honorary Consultant in Orthopaedic Surgery  
Hong Kong Sanatorium & Hospital

### Employment history

Medical Officer

1 <sup>st</sup> July – 30 <sup>th</sup> June 1995	Department of Orthopaedics and Taumatology, Queen Mary Hospital
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Senior Medical Officer

1 <sup>st</sup> July 1995 – 31 <sup>st</sup> July 2005	Department of Orthopaedics and Traumatology, Duchess of Kent Children's Hospital
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Consultant, Chief of Service and Deputy Hospital Chief Executive

1 <sup>st</sup> August 2005 – 31 <sup>st</sup> October 2023 (Senior consultant)	Department of Orthopaedics and Traumatology, Queen Mary Hospital
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1 <sup>st</sup> December 2018 – 30 <sup>th</sup> April 2023 (Chief of Service)	Same as above
1 <sup>st</sup> August 2020 – 30 <sup>th</sup> April 2023 (Deputy Hospital Chief Executive)	Queen Mary Hospital

### **Hospital Authority awards**

1. Outstanding staff 2023 of Hospital Authority
2. Co-leader of MMRC spinal cord injury rehabilitation team HA outstanding team award 2020
3. Co-leader of MMRC Neuro-spinal Rehabilitation, West HK Cluster outstanding team 2016
4. Co-leader of DKCH Paediatric Orthopaedics and Spine Surgery “Bone FOCUS for Brighter Future”, HA outstanding team 2015
5. Outstanding staff of the West HK Cluster of HA 2014

### **Positions and Memberships of Professional Associations & Institutions**

1. President elect of the Asia Pacific Spine Association, 2023-25
2. Treasurer (first term 2015-17, second term 2017-19 and third term 2019-21) and council member (2013-15) of the Asia Pacific Spine Association
3. Co-chairman of Organizing committee, 33<sup>rd</sup> Annual congress 2013, Hong Kong Orthopaedic Association
4. Active fellow, Scoliosis Research Society since 2013
5. 中国康复医学会脊柱脊髓损伤专业委员会, 第一届脊髓损伤治疗与康复学组委员2012
6. Council member of Cross-Straits Medicine Exchange Association 海峽兩岸醫藥衛生交流協會委員, 2012
7. 国际华人脊柱学会理事2012
8. Council member of Hong Kong College of Orthopaedic Surgeons, 2009-2010
9. Chapter President, Spine Chapter HKOA, 2008-2009
10. Secretary, Spine Chapter HKOA, 2006-2007
11. Fellowship and Reference Centre officer, Asia Pacific, AOSpine 2007-2010
12. Vice-Chairman (Edu.), AOSpine (East Asia), 2004-2006
13. Council member, Osteoporosis Society of Hong Kong, 2004-2014
14. Member of the International Spinal Cord Society, 2006-2015

### **Publications, invited articles and presentations at academic conference**

#### **Representative publications – First or senior author**

1. Direct internal kyphectomy for severe angular tuberculous kyphosis.  
**Wong YW**, Leong JCY, Luk KDK  
Clin Orthop Relat Res. July 2007, Volume 460, P124-129
2. Spinal epidural haematoma in a scoliotic patient with long fusion: a case report.  
**Wong YW**, Luk KDK  
The Spine Journal, 2008 May-Jun;8(3):538-43. Epub 2007 Jun 18

3. A three month, open-label, single arm trial evaluating the safety and pharmacokinetics of oral lithium in patients with chronic spinal cord injury. **Wong YW**, Tam S, So KF, Chen JYH, Cheng WS, Luk KDK, Tang SW, Young W. Spinal Cord 2011 Jan;49(1):94-8.
4. A rare postoperative complication of anterior lower thoracic instrumentation: diaphragmatic laceration with hemothorax. **Wong YW, JPY Cheung, KDK Luk, KMC Cheung**. Eur Spine J. 2017 May;26(Suppl 1):146-150
5. Disappearing bone disease of the humerus and the cervico-thoracic spine: a case report with 42-year follow-up. Ganai-Antonio AK, Samartzis D, Bow C, Cheung KM, Luk KD, **Wong YW**. Spine J. 2015 Oct 2. Pii: S1529-9430(15)01502-8.
6. Mean 34 years post-operative follow-up shows that prevention is better than salvage. **Wong YW**, D Samartzis, KMC Cheung, K Luk. Bone Joint J, Vol.99-B, No. 10, October 2017.
7. Cervical ribs as a caution for spine surgeons in thoracic spinal surgery: case report. **Wong YW**, Kenny Kwan, K Luk. Indian Spine Journal, 2018 Vol.1(1):65-68
8. What every Orthopaedic Surgeon Should Know about COVID-19: A review of the current literature. Colin Shing-Yat Yung, Kevin Chi Him Fok, Ching Ngai Leung and **Yat Wa Wong**. Jos 28(2) 1-10 2020
9. Intrathecal Baclofen Pump Infection with Meningitis: Effective Treatment by Radical Debridement and Intrareservoir Baclofen Vancomycin Co-infusion. Paul A. Koljonen, Sophelia HS Chan, Thomas Liu, Alvin CC Ho, Stella Chim, Nai Shun Tsoi, **Yat Wa Wong**. Neuromodulation 2021 Oct;24(7):1223-1228
10. Not All Gymnastic Exercises are Suitable for Everyone: An Uncommon Cause of Thoracic Outlet Syndrome-A Case Report. **YW Wong**, D Wong, SWK Cheng. JBJS Case connector accepted in Mar 2021
11. Surgical repair of a large intrathoracic meningocele associated with neurofibromatosis type 1 after failed cystoperitoneal shunts: illustrative case. Christopher HF Sun, LF Li, Benedict BT Taw, WM Lui, KY Sit, Velda LY Chow, **YW Wong**. Journal of Neurosurgery Case Lessons 2(10):Case21404, 2021

#### **Other Publications as co-authors**

1. Eosinophilic granuloma of the cervical spine. Cheung KM, **Wong YW**, Luk KD, Leong JC. Clin Med J (Eng). October 1997;110(10):814-6)
2. Variability of somatosensory-evoked potentials in different stages of scoliosis surgery. Luk KDK, Hu Y, **Wong YW**, Leong JCY. Spine. September 1, 1999;24(17):1799-804
3. Effect of stimulus pulse duration on intraoperative somatosensory evoked potential (SEP) monitoring. Luk KDK, Hu Y, Lu WW, **Wong YW**. J Spina Disord. June 2001; 14(3):247-51.
4. Evaluation of various evoked potential techniques for spinal cord monitoring during scoliosis surgery. Luk KDK, Hu Y, **Wong YW**, Cheung KMC. Spine, August 15, 2001;26(16):1772-7.
5. Back muscle contraction patterns of patients with low back pain before and after rehabilitation treatment: an electromyographic evaluation. Lu WW, Luk KDK, Cheung KMC, **Wong YW**, Leong JCY. J Spina Disord. August 2001; 14(4):277-82.
6. Effect of stimulation parameters on intraoperative spinal cord evoked potential

- monitoring. Hu Y, Luk KDK, **Wong YW**, Lu WW, Leong JCY. J Spinal Disord, October 2001; 14(5):449-52
7. Isokinetic and Isometric lifting capacity of Chinese in relation to the physical demand of job. Luk KDK, Lu WW, Kwan WW, Hu Y, **Wong YW**, Law KK, Leong JCY. Appl Ergon, March 2003; 34(2):201-4
  8. A prospective comparison of the coronal deformity correction in thoracic scoliosis using four different instrumentations and the fulcrum-bending radiograph. Luk KDK, Lu DS, Cheung KMC, **Wong YW**. Spine, March 1, 2004;29(5):560-3
  9. Effect of segmental artery ligation on the blood supply of the thoracic spinal cord during anterior spinal surgery: a quantitative histomorphological fresh cadaver study. Yuan L, Ni GX, Luk KDK, Cheung KMC, Lu DS, Hu Y, Dai JX, **Wong YW**, Lu W. Spine, March 1, 2005; 30(5):483-6
  10. Quality of life of traumatic spinal cord injured patients in Hong Kong. Hu Y, Mak JN, **Wong YW**, Leong JC, Luk KD. J Rehabil Med. 2008 Feb;40(2):126-31.
  11. Neurological recovery after surgical decompression in patients with cervical spondylotic myelopathy – a prospective study. Cheung WY, Arvinte D, **Wong YW**, Luk KDK, Cheung KMC. Int Orthop, January 19, 2007 (Epub ahead of print)
  12. Right hip adduction deficit and adolescent idiopathic scoliosis. Cheung KM, Cheng AC, Cheung WY, Chooi YS, **Wong YW**, Luk KD. J Orthop Surg (Hong Kong). 2008 Apr;16(1):24-6.
  13. Prognostic value of somatosensory-evoked potentials in the surgical management of cervical spondylotic myelopathy. Hu Y, Ding Y, Ruan D, **Wong YW**, Cheung KM, Luk KD. Spine (Phila Pa 1976). 2008 May 1;33(10):E305-10.
  14. C5 nerve root palsy after cervical laminoplasty and posterior fusion with instrumentation. Takemitsu M, Cheung KM, **Wong YW**, Cheung WY, Luk KD. J Spinal Disord Tech. 2008 Jun;21(4):267-72.
  15. Selection of fusion levels in adolescent idiopathic scoliosis using fulcrum bending prediction: a prospective study. Luk KD, Don AS, Chong CS, **Wong YW**, Cheung KM. Spine (Phila Pa 1976). 2008 Sep 15;33(20):2192-8.
  16. Spinal cord compression secondary to brown tumour in a patient on long-term haemodialysis: a case report. Mak KC, **Wong YW**, Luk KD. J Orthop Surg (Hong Kong). 2009 Apr; 17(1):90-5.
  17. Coupling Between Sagittal and Frontal Plane Deformity Correction in Idiopathic Thoracic Scoliosis and Its Relationship with Postoperative Sagittal Alignment. Luk KD, Vidyadhara S, LuDS, **Wong YW**, Cheung WY, Cheung KM. Spine (Phila Pa 1976). 2010 Jan 28.
  18. Predictability of the fulcrum bending radiograph in scoliosis correction with alternate-level pedicle screw fixation. Cheung KM, Natarajan D, Samartzis D, **Wong YW**, Cheung WY, Luk KD. J Bone Joint Surg Am. 2010 Jan;92(1):169-76.
  19. Infective Spondylitis in Southern Chinese: A Descriptive and Comparative Study of Ninety-one Cases. Yee DK, Samartzis D, **Wong YW**, Luk DK, Cheung KM. Spine (Phila Pa 1976). 2010 Feb 26.
  20. Case report: Spinal anesthesia by mini-laminotomy for a patient with ankylosing spondylitis who was difficult to anesthetize. Leung KH, Chiu KY, **Wong YW**, Lawmin JC. Clin Orthop Relat Res. 2010 Dec;468(12):3415-8.
  21. A multidisciplinary rehabilitation programme for patients with chronic low back

- pain: a prospective study. Luk KD, Wan TW, **Wong YW**, Cheung KM, Chan KY, Cheng AC, Kwan MW, Law KK, Lee PW, Cheing GL. *J Orthop Surg (Hong Kong)*. 2010 Aug; 18(2):131-8.
22. Natural history of spinal deformity in a patient with Ehlers-Danlos syndrome: case report with 20-year follow-up. Natarajan D, Samartzis D, **Wong YW**, Luk KD, Cheung KM. *Spine J*. 2011 Jul;11(7):e1-4.
  23. "Spring-back" closure associated with open-door cervical laminoplasty. Wang HQ, Mak KC, El-Fiky T, **Wong YW**, Luo ZJ, Kang X, Cheung WY, Luk KD, Cheung KM. *Spine J*. 2011 Sep;11(9):832-8. Epub 2011 Sep 3.
  24. Magnetically controlled growing rods for severe spinal curvature in young children: a prospective case series. Cheung KM, Cheung JP, Samartzis D, Mak KC, **Wong YW**, Cheung WY, Akbarnia BA, Luk KD. *Lancet*. 2012 May 26;379(9830):1967-74. Epub 2012 Apr 19.
  25. The predictive value of the fulcrum bending radiograph in spontaneous apical vertebral derotation in adolescent idiopathic scoliosis. Luk KD, Cheung WY, Wong Y, Cheung KM, **Wong YW**, Samartzis D. *Spine (Phila Pa 1976)*. 2012 Jul 1;37(15):E922-6.
  26. Acute spinal subdural haematoma complicating lumbar decompressive surgery. Chang KC, Samartzis D, Luk KD, Cheung KM, **Wong YW**. *Evid Based Spine Care J*. 2012 Feb;3(1):57-62.
  27. The effect of excision of the posterior arch of C1 on C1/C2 fusion using transarticular screws. Chang KC, Samartzis D, Fuego SM, Dhatt SS, **Wong YW**, Cheung WY, Luk KD, Cheung KM. *Bone Joint J*. 2013 Jul;95-B(7):972-6.
  28. Prognosis of spontaneous thoracic curve correction after the selective anterior fusion of thoracolumbar/lumbar (Lenke 5C) curves in idiopathic scoliosis. Senkoğlu A, Luk KD, **Wong YW**, Cheung KM. *Spine J*. 2014 Jul 1;24(7):1117-24.
  29. A population-based cohort study of 394,401 children followed for 10 years exhibits sustained effectiveness of scoliosis screening. Fong DY, Cheung KM, **Wong YW**, Wan YY, Lee CF, Lam TP, Cheng JC, Ng BK, Luk KD. *Spine J*. 2015 Jan 20; S1529-9430(15)00035-2.
  30. Phase 1-2 clinical trial assessing safety and efficacy of umbilical cord blood mononuclear cell transplant therapy of chronic complete spinal cord injury. Zhu H, Poon W, Liu Y, Leung GK, **Wong Y**, Feng Y, Ng SC, Tsang KS, Sun DT, Yeung DK, Shen C, Niu F, Xu Z, Tan P, Tang S, Gao H, Cha Y, So KF, Fleischaker R, Sun D, Chen J, Lai J, Cheng W, Young W. *Cell Transplant*. 2016 April 5.
  31. Efficacy of postoperative pain management using continuous local anesthetic infusion at the iliac crest bone graft site in patients with adolescent idiopathic scoliosis: A parallel, double blinded, randomized controlled pilot trial. Samartzis D, Bow C, Cheung JP, Sham P, Mak KC, Cheung WY, **Wong YW**, Luk DK, Cheung KM, Lawmin JC. *Global Spine J*. 2016 May; 6(3): 220-8.
  32. Antimicrobial prophylaxis to prevent surgical site infection in adolescent idiopathic scoliosis patients undergoing posterior spinal fusion: 2 doses versus antibiotics till drain removal. Kamath VH, Cheung JP, Mak KC, **Wong YW**, Cheung WY, Luk KD, Cheung KM. *Eur Spine J*. 2016 Oct; 25(10): 3242-3248.
  33. Predictive factors for neurological deterioration after surgical decompression for thoracic ossified yellow ligament. Chris Yuk Kwan Tang. Pason Pui Yin Cheung. Dino Samartzis. Ka Hei Leung. **Yat Wa Wong**. Keith Dip Kei Luk. Kenneth Man

- Chee Cheung. Eur Spine JDOI 10.107/s00586-017-5078-7
34. Multidisciplinary programme for rehabilitation of chronic low back pain – factors predicting successful return to work. Gabriel Ching Ngai Leung, Prudence Wing Hang Cheung, Gareth Lau, Sin Ting Lau, Leith Dip Kei Luk, **Yat Wa Wong**, Kenneth Man Chee Cheung, Paul Aame Koljonen and Jason Pui Yin Cheung. (2021) 22:251. <https://doi.org/10.1186/s12891-021-04122-x>
  35. Outcomes of a Multicenter Safety and Efficacy Study of the SuitX Phoenix Powered Exoskeleton for Ambulation by Patients with Spinal Cord Injury. Paul Aarne Koljonen, Anna Sternin Virk, Yoon Jeong, Michael Mckinley, Juan Latorre, Amaya Caballero, Yong Hu, **Yat Wa Wong**, Kenneth Cheung, Homayoon Kazerooni. Front Neurol. 2021 Jul 19;12:68975 doi:10.3389/fneur.2021.689751. eCollection 2021
  36. Knowledge Gaps in Biophysical Changes After Powered Robotic Exoskeleton Waling by Individuals with Spinal Cord Injury-A Scoping Review. Christopher CH Yip, Chor-Yin Lam, Kenneth MC Cheung, **Yat Wa Wong**, Paul A Koljonen. Front Neurol. 2022 Mar 10;13:792295. doi: 10.3389/fneur.2022.792295. eCollection 2022
  37. Functional recovery priorities and community rehabilitation service preferences of spinal cord injury individuals and caregivers of Chinese ethnicity and cultural background. Chor Yin Lam, Paul Aarne Koljonen, Christopher Chun Hei Yip, Ivan Yuen Wang Su, Yong Hu, **Yat Wa Wong** and Kenneth Man Chee Cheung. Front Neurol. 2022 Aug 3;13:941256. doi: 10.3389/fneur.2022.941256. eCollection 2022

#### **Presentations at academic meetings / Proceedings**

1. Psychosocial evaluation after brace treatment for scoliosis. **Wong YW**, Luk KDK, Wu L, Cheung P, Wong K. Proceedings of the 11th Congress of the Western Pacific Orthopaedic Association incorporating the 15th Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, Paper 1P1K, November 1995.
2. Different modalities of spinal cord monitoring DKCH experience. **Wong YW**, Luk KDK, Chiu KY. Proceedings of the International Conference on Biomedical Engineering (BME 96), Hong Kong, p.8, June 1996.
3. Correction of the thoracolumbar scoliosis by anterior approach and Zielke instrumentation: 5 years follow up. Luk KDK, **Wong YW**, Ho WY, Sison M. Proceedings of the Hong Kong Orthopaedic Association, Hong Kong, p. 46, November 1996.
4. Different modalities of spinal cord monitoring DKCH experience. **Wong YW**, Luk KDK. Proceedings of the Hong Kong Orthopaedic Association, Hong Kong, p. 90, November 1996.
5. Results of surgical treatment of metastatic tumours of the spine. Pun TS, Lu DS, Cheung KMC, **Wong YW**, Luk KDK, Leong JCY. Proceedings of the 18th Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 80, November 14-15, 1998.
6. Natural history of postlaminectomy kyphosis after removal of intramedullary tumours. **Wong YW**, Luk KDK, Yip DKH. Proceedings of the 18th Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 81, November 14-15, 1998.

7. Treatment of adolescent idiopathic scoliosis using Texas Scottish Rite Hospital instrumentation. Luk KDK, Nwadinigwe CU, Lu DS, Cheung KMC, **Wong YW**, Leong JCY. Proceedings of the 18th Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 106, November 14-15, 1998.
8. Stability of C1/2 after transoral atlanto-occipital decompression. **Wong YW**, Luk KDK, Leong JCY, Cheung KMC. Proceedings of the 18th Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 138, November 14-15, 1998.
9. Deep wound infection following posterior spinal TSRH instrumentation for the treatment of scoliosis. Luk KDK, Darwish N, **Wong YW**, Cheung KMC. Proceedings of the 21st World Congress Societe Internationale de Chirurgie Orthopedique et de Traumatologie (SICOT), Sydney, Australia, April 1999.
10. Psychosocial influence of prolonged brace treatment on idiopathic scoliosis patients. Luk KDK, **Wong YW**. Proceedings of the 19<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 68, November 13-14, 1999.
11. Neurological complication after severe tuberculosis kyphotic deformity. Luk KDK, **Wong YW**, Yau WP. Proceedings of the 19<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 95-96, November 13-14, 1999.
12. Sacroiliac joint dysfunction as a cause of low back pain. **Wong YW**, Chan YK, Luk KDK. Proceedings of the 20<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, November 11-12, 2000.
13. Reduction of intraoperative blood loss by preoperative autologous blood deposit. **Wong YW**. Proceedings of the 21<sup>st</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S11, November 10-11, 2001.
14. Anatomical variants of the number of ribs and lumbar vertebrae in Chinese. Chu A, **Wong YW**, Luk KDK. Proceedings of the 21<sup>st</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S45, November 10-11, 2001.
15. A retrospective study on the congenital scoliosis in cervicothoracic and upper thoracic level – their long-term progression. Yeung Y, **Wong YW**, Luk KDK. Proceedings of the 22<sup>nd</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S66, November 15-17, 2002.
16. The role of conservative treatment for neurogenic claudication secondary to lumbar spinal stenosis. **Wong YW**, Luk KDK. Proceedings of the 23<sup>rd</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S40, November 8-9, 2003.
17. The surgical management of degenerative scoliosis. **Wong YW**, Cheung KMC, Luk KDK. Proceedings of the 25<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 76, November 19-20, 2005.
18. Primary malignant tumour invading spine causing paraparesis in a child. **Wong YW**, Luk KDK. Proceedings of the 25<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 77, November 19-20, 2005.
19. Acute spinal cord or cauda equina compression by epidural hematoma: review of 7 cases. **Wong YW**, Cheung KMC, Luk KDK. Proceedings of the 26<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 31, November 11-12, 2006.
20. Evolution of managing spinal metastasis causing neurological deficit in 10 years' period. **Wong YW**, Cheung KMC, Cheung WY, Luk KDK. HKOA 2007
21. Reduction osteotomy or intra-vertebral structural support for the osteoporotic

- thoracolumbar fracture. **Wong YW**, Cheung KMC, Cheung WY, Luk KDK. HKOA 2007
22. Total cervical spondylectomy for a locally aggressive tumour: preoperative planning and intraoperative strategy. **Wong YW**, Luk KDK. HKOA 2008
  23. The importance of spinal cord monitoring before and after turning the patients prone for operations. **Wong YW**. HKOA 2009
  24. The Role of Autograft and Allograft in Spinal Column Reconstruction after Total En Bloc Resection of Spinal Tumours. YW Wong, K Kwan, KMC Cheung, D Samartzis, KDK Luk. 36<sup>th</sup> SICOT Orthopaedic World Congress 2015
  25. Management of the Most Severe Dystrophic Cervical Kyphosis (140 degrees) in Neurofibromatosis Type 1. Podium presentation at case discussion session of 52<sup>nd</sup> annual meeting of the Scoliosis Research Society in Philadelphia (2017)
  26. Anterior correction of thoracolumbar scoliosis. SRS-WWC暨第十四届北京协和医院骨与关节外科技术发展论坛脊柱专题会议日程 1<sup>st</sup>-3<sup>rd</sup> June 2018
  27. Reconstruction after Total En Bloc Spondylectomy: does bony fusion mean long-term stability? 55<sup>th</sup> Annual meeting of SRS 9-12 September 2020 In Phoenix, USA.

#### **Contribution to other's presentation and proceedings**

1. Modeling of the current density distribution under surface poster-tibial nerve electric stimulator. Hu Y, Luk KDK, Wong YW, Lu WW, Leong JCY. Proceedings of the 20th Annual International Conference of IEEE-EMBS, Hong Kong, Vol 20, V-2666, October 30 - November 2, 1998.
2. Stiffness changes and microfracture distribution of human thoracolumbar vertebral body under fatigue loading. Lu WW, Ouyang J, Luk KDK, Cheung KMC, Wong YW, Zhong SZ, Leong JCY. Proceedings of the 19<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 32, November 13-14, 1999.
3. Physiotherapist as the first point of contact in a specialist spine clinic – is it safe and effective. Cheung KMC, Wong YW, Luk KDK, Chan C, Chiu J, Yuen K, Lam P. Proceedings of the 19<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 95, November 13-14, 1999.
4. Microfracture of human thoracolumbar vertebral body under fatigue loading. Lu WW, Luk KDK, Ouyang J, Cheung KMC, Wong YW, Holmes A, Leong JCY. Proceedings of the 27<sup>th</sup> Annual Meeting of the International Society for the Study of the Lumbar Spine, Adelaide, Australia, p. 10, April 9-13, 2000.
5. Ten year follow up of hemivertebrae treated by anterior convex epiphysiodesis and posterior concave distraction. Cheung KMC, Chan YK, Zhang JG, Lu DS, Wong YW, Luk KDK, Leong JCY. Proceedings of the 20<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, November 11-12, 2000.
6. Coupled sagittal alignment changes following coronal deformity correction in idiopathic thoracic scoliosis. Lu DS, Luk KDK, Zhang JG, Cheung KMC, Wong YW, Leong JCY. Proceedings of the 20<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, November 11-12, 2000.
7. Prediction and comparison of surgical outputs of four different posterior segmental instrumentations using the fulcrum bending radiograph. Lu DS, Luk KDK, Zhang JG, Cheung KMC, Wong YW, Leong JCY. Proceedings of the 20<sup>th</sup>



Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, November 11-12, 2000.

8. Discography is useful in predicting the surgical outcome for patients suffering from back pain. Chan YK, Wong YW, Cheung KMC, Luk KDK. Proceedings of the 20<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, November 11-12, 2000.
9. Coupled sagittal alignment changes in relation to coronal deformity correction in idiopathic thoracic scoliosis. Luk KDK, Lu DS, Wong CC, Cheung KMC, Wong YW, Leong JCY. Proceedings of the 13th Congress of Western Pacific Orthopaedic Association, Adelaide, Australia, April 1-6, 2001.
10. The application of fulcrum bending correction index (FBCI) in comparing the efficacy of four instrumentations in scoliosis correction. Lu DS, Luk KDK, Cheung KMC, Wong YW, Leong JCY. Proceedings of the 13th Congress of Western Pacific Orthopaedic Association, Adelaide, Australia, April 1-6, 2001.
11. Ten-year follow-up of hemivertebrae treated by anterior convex epiphysiodesis and posterior concave distraction. Cheung KMC, Zhang JG, Lu DS, Wong YW, Luk KDK, Leong JCY. Proceedings of the 13th Congress of Western Pacific Orthopaedic Association, Adelaide, Australia, April 1-6, 2001.
12. Impact of school screening on scoliosis treatment – a 5-year prospective longitudinal study on 724 students. Chan YK, Luk KDK, Cheung KMC, Wong YW. Proceedings of the 21<sup>st</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S57, November 10-11, 2001.
13. A prospective comparison of coronal correction by four posterior systems using the fulcrum bending correction index (FBCI). Lu DS, Luk KDK, Cheung KMC, Wong YW, Leong JCY. SICOT XXII World Congress; San Diego, USA. August 23-30, 2002.
14. Prediction of sagittal correction in adolescent idiopathic scoliosis with use of the lateral fulcrum bending radiograph. Luk KDK, Lu DS, Wong CC, Cheung KMC, Wong YW, Leong JCY. SICOT XXII World Congress; San Diego, USA. August 23-30, 2002.
15. Coupling between sagittal and frontal plane deformity correction in idiopathic thoracic scoliosis and its relationship with postoperative sagittal alignment. Lu DS, Luk KDK, Wong CC, Cheung KMC, Wong YW, Leong JCY. Proceedings of the 22<sup>nd</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S67, November 15-17, 2002.
16. Bracing is effective in prevention of scoliosis progression and school screening is useful in decreasing the number of patients requiring surgery – a 6-year cohort study of 1663 adolescents.
17. Chan YK, Siow YS, Luk KDK, Cheung KMC, Wong YW, Tong GNG, Mak KH. Proceedings of the 22<sup>nd</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S68, November 15-17, 2002.
18. Three-dimensional dynamical measurement of upper limb support during paraplegic walking. Hu Y, Ming D, Wang YZ, Wong YW, Wan BK, Luk KDK, Leong JCY. Conf Proc IEEE Eng Med Biol Soc, 2004;7:4944-7
19. A multidisciplinary chronic back pain program – the clinical results of 85 patients. Kwok HY, Lie CWH, Cheng ACS, Chan YK, Wong YW, Luk KDK.

- Proceedings of the 24<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S22, November 13-14, 2004.
20. The physical outcomes of a multidisciplinary chronic low back pain program. Cheng ACS, Kwok HY, Wong YW, Luk KDK, Chan YK. Proceedings of the 24<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. S54, November 13-14, 2004.
  21. The fifth cervical nerve root (C5) palsy after cervical laminoplasty and posterior fusion with instrumentation (investigation performed at the University of Hong Kong. Takemitsu M, Cheung KMC, Wong YW, Cheung WY, Luk KDK. Proceedings of the 25<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 40, November 19-20, 2005.
  22. Study of the needs of high tetraplegic patients using a focus group method. Kwok HY, Ng VHK, Wong YW. Proceedings of the 25<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 42, November 19-20, 2005.
  23. Spontaneous rotational correction secondary to coronal curve correction in adolescent idiopathic scoliosis. Senkoylu A, Wong YW, Luk KDK, Cheung KMC. Proceedings of the 25<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 81, November 19-20, 2005.
  24. Right hip adduction deficit is prevalent in patients with adolescent idiopathic scoliosis. Cheung KMC, Cheng ACS, Cheung WY, Chooi YS, Wong YW, Luk KDK. Proceedings of the 26<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 29, November 11-12, 2006.
  25. Fulcrum bending correct rotational deformity in adolescent idiopathic scoliosis. Cheung WY, Wong Y, Cheung KMC, Wong YW, Luk KDK. Proceedings of the 26<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 33, November 11-12, 2006.
  26. Comparative sagittal plane correction after anterior single-rod versus dual-rod instrumentation in idiopathic thoracolumbar and lumbar scoliosis. Soon HC, Cheung KMC, Bullmann V, Senkoylu A, Halm HF, Wong YW, Liljenqvist UR, Luk KDK. Proceedings of the 26<sup>th</sup> Annual Congress of the Hong Kong Orthopaedic Association, Hong Kong, p. 62, November 11-12, 2006.

#### **Invited articles**

1. An update on Ankylosing Spondylitis. CHARM, Issue 3, March 2010
2. The Osteoporosis Society of Hong Kong (OSHK): 2013 OSHK guideline for clinical management of postmenopausal osteoporosis in Hong Kong. OSHK Task Group for Formulation of 2013 OSHK guideline for Clinical Management of Postmenopausal Osteoporosis in Hong Kong. Ip I, Cheung SK, Cheung TC, Choi TC, Chow SL, Ho YY, Kan SY, Kung WC, Lee KK, Leung KL, Leung YY, Lo ST, Sy CT, Wong YW; Osteoporosis Society of Hong Kong. Hong Kong Med J. 2013 Apr; 19 Suppl 2:1-40.
3. Book chapters in the book "Essentials of Spine Surgery" ISBN: 978-3-030-80355-1
  - i. Childhood discitis
  - ii. Lumbar degenerative instability
  - iii. Specific (TB) spondylodiscitis

iv. Non-specific spondylodiscitis

**Poster presentation (as First Author)**

1. An often-neglected parameter in scoliosis surgery: height. E-Poster ID: 417 / IMAST / 2010
2. Mean 34 years Follow-up of Severe Angular Kyphosis from Tuberculosis of the Spine: Bad Prognosis for Paraparesis of Late Disease. E-Poster ID: 290 / IMAST / 2013