

Dr. Chan Ying Kei
Curriculum Vitae

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Present post:

- Consultant and Chief of Spine Division, Department of Orthopaedics & Traumatology, Pamela Youde Nethersole Eastern Hospital, Hong Kong
- Deputy Chief of Service, Dept. Orthopaedics & Traumatology, Pamela Youde Nethersole Eastern Hospital, Hong Kong
- Honorary Clinical Associate Professor, Faculty of Medicine, The University of Hong Kong
- Honorary Clinical Associate Professor, Faculty of Medicine, The Chinese University of Hong Kong

Office Bearer or Academic Organization

- Chairman, AO Spine East Asia council 2013-16
- President, Hong Kong Orthopaedic Association, Spine Chapter, 2014-2015
- Honorary Secretary, Hong Kong College of Orthopaedic Surgeons, 2013-14
- President, Hong Kong Minimal Invasive Spinal Surgery Society, 2013-16
- International Chinese Spine Society, foundation council member (2012)
- Trainer: Orthopaedics Surgery- 2003-present / Rehabilitation- 2005-present
- Examiner, Hong Kong Intercollegiate Board of Surgical Colleges (HKICBSC) 2012-
- Education Officer, AO Spine East Asia council, 2011-13
- Chairman, AO Spine Hong Kong Chapter, 2007- 2011
- Secretary, AO Spine Hong Kong Chapter, 2006-07
- Asian Pacific Orthopaedic Association, Council Member (Hong Kong Delegate) 2004-07
- Council Member, Hong Kong Orthopaedic Association, Spine Chapter, 2006-present, Secretary, 2008-09

Qualifications:

- Bachelor of Medicine and Bachelor of Surgery, *MB, BS*, the University of Hong Kong, Jul 1991
- Fellow of Royal College of Surgeons of Edinburgh, *FRCS(Ed)*, Dec 1995
- Fellow of the Hong Kong College of Orthopaedic Surgeons, *FHKCOS*, Dec 1998
- Fellow of Royal College of Surgeons of Edinburgh (Orthopaedic), *FRCS(Ed)Orth*, Dec 1998
- Fellow of the Hong Kong Academy of Medicine (Orthopaedic), *FHKAM (Ortho)*, May 1999
- Foundation Fellow, Rehabilitation sub-speciality, Hong Kong College of Orthopaedic Surgeons, *FHKCOS*, 2004
- Member, American Board of Independent Medical Examiner, (CIME), Oct 2008

Awards:

- 95-96 CRCG grant, The University of Hong Kong
- 19th HKOA annual congress, best scientific paper, Hodgson award (1999)
- 21st HKOA annual congress, best scientific paper, Hodgson award (2001)
- 23rd HKOA annual congress, best scientific paper, Hodgson award (2003)
- 26th HKOA annual congress, best scientific spine paper (2006)
- HKOA Ambassador to Australian Orthopaedic Association, Oct 2000
- HKOA Ambassador to Japan Orthopaedic Association & Japanese Orthopaedic Association Travelling Fellowship, 2004
- Hospital Authority 2007 Convention, Best Poster award for service priority and program, May 2007
- Royal college of Orthopaedic Surgeon of Thailand 2007 annual congress, Basic pharmacology, Spine & Pediatric session, Best poster award, Oct 2007
- First runner up of Best Poster Award, Hong Kong East Cluster Quality & Safety Seminar 2007, Dec 2007
- Winner, Best clinical service project award, Hong Kong East Cluster Quality & Safety Seminar 2011, Nov 2011

Reviewer of Journal

- Journal of Spinal disorder and Techniques
- Journal of Orthopaedic Surgery
- Hong Kong Medical Journal

Academic Background:

- *Secondary school education:* St Paul's Co-educational College, 1979-1986
- *Undergraduate Education:* Faculty of Medicine, The University of Hong Kong, 1986-1991

Working Experience:

Medical Officer: Queen Mary Hospital & the Duchess of Kent Children's Hospital (July 1992-Dec 2003)

Associate Consultant: Pamela Youde Nethersole Eastern Hospital (Jan 2004- May 2010)

Organizer of training courses, conferences:

1. Organizing committee member, HKOA Annual Congress, 1999(secretary), 2000, 2001, 2002, 2004, 2008, 2010, 2013
2. Advance spine workshops, Duchess of Kent Children Hospital, Hong Kong 2000-2006
3. 4th APOA Hip Section Meeting, Hong Kong, Nov 2002
4. Press conference on 'Scoliosis screening', The University of Hong Kong, Hong Kong, 2002
5. Workshop on Spinal Problem Management for Nurse, Hong Kong East Cluster, Jun 2006
6. Workshop on Spinal Problem Management for Nurse, Hong Kong East Cluster, Sep 2006

7. Workshop on Spinal Problem Management for Nurse, Hong Kong East Cluster, Jun 2008
8. AO spine course on Minimal Invasive Spinal Surgery, Hong Kong, Sep 2006
9. Workshop on Spinal Problem Management for Family Physician, HKEC May 06
10. Workshop on Spinal Problem Management for Family Physician, HKWC Jan 07
11. Workshop on Spinal Problem Management for Family Physician, KWC May 07
12. Chairman, Percutaneous Endoscopic Lumbar Discectomy Operative Skill Workshop, Hong Kong Dec 2008
13. Chairman, Basic Spinal Operative (Cadaveric) Workshop, Posterior spinal approach, Hong Kong Dec 2008
14. Workshop on Medicolegal Issues of Independent Medical Examiners & Expert Witness Skill, HK, Dec 2008
15. Chairman, Workshop on ABIME AMA Guides 6th Edition Training, Hong Kong Dec 2008
16. Chairman, Workshop on ABIME AMA Guides 6th Edition Training, Hong Kong Nov 2009
17. Chairman, Basic Spinal Operative (Cadaveric) Workshop, Anterior spinal approach, Hong Kong March 2009
18. AO spine Advanced course on 'High Risk Spinal Surgery', Hong Kong, March 2009
19. Chairman, Hospital Authority Commissioned Training in Orthopaedics & Traumatology 2009-10 'Fundamental Spinal Operative Skill Workshop', Hong Kong, Jan 2010
20. Chairman, AO spine Principle seminar, Management of Common & Tricky Spinal Problem, Hong Kong, July 2010
21. Program director, AO Spine Principle workshop on surgical management of degenerative lumbar spinal and osteoporotic spinal problem, Hong Kong, June 2011
22. Program chairman & speaker, AO Spine Principle seminar, Hochiminh city Vietnam, Dec 2011
23. Program director & speaker, AO Spine Advanced course on cervical spine surgery, Hong Kong, Jun 2012
24. Program chairman & speaker, AO Spine Principle seminar, Hochiminh city Vietnam, Aug 2012
25. Program director & speaker, AO Spine Principle course, Yangon, Myanmar, Nov 2012
26. Chairman and speaker, AO Spine Interactive forum of spinal uncertainty and controversy, Singapore, Mar 2013
27. Chairman & speaker, AO Spine Principle course in spinal trauma, Yangon, Myanmar, Oct 2013

Teaching/ Public Talks/ Guest Speaker:

1. Instructor, AADO Instruction course to Orthopaedic nurse, 1999
2. Speaker, Health talk on 'Sports injury in children', NGO, Mar 1999
3. Speaker, Health talk on 'Scoliosis', School Talk, May 2000
4. Speaker, 'Screening of Pediatric Orthopaedic Problem', Department of Health, Sep 2001
5. Coordinator & Speaker, Press conference on 'Scoliosis screening', HKU, 2002
6. Speaker, Back Pain: Current evidence & misconception, HKU SPACE, Nov, 2003
7. Speaker, Back pain pathology and Management, Rheumatology society, May 2004

8. Speaker, Certificate Course in Spinal Cord Injury and Rehabilitation, HKU, March 2005
9. Speaker, Diploma course in Intensive care, Hong Kong Nursing Society, June 2005
10. Speaker, Management of Cervical & Lumbar Radiculopathy, HKEC Family Medicine CME lecture, Sep 2005
11. Speaker, Management of Back pain, Hong Kong East Cluster Family Medicine CME lecture, Oct 2005
12. Speaker, Management of Back pain, Kowloon East Cluster Family Medicine CME lecture, Oct 2005
13. Speaker, Hong Kong East Cluster 2nd Private Public Interface Symposium, Oct 2005
14. Speaker, Trauma Seminar: Management of spinal injury, Hong Kong East Cluster, Oct 2005
15. Speaker, Back Rehabilitation, Didactic lecture, Hong Kong College of Orthopaedic Surgery, March 2006
16. Speaker, Workshop on Spinal Problem Management for Family Physician, HKEC May 06,
17. Speaker, Workshop on Spinal Problem Management for Family Physician, HKWC Jan 07,
18. Speaker, Workshop on Spinal Problem Management for Family Physician, KWC May 07
19. Speaker, Diploma course in Intensive care: Spinal trauma management, HKU SPACE, Sep 2000
20. Speaker, Diploma course in Intensive care: Spinal trauma management, HKU SPACE, Mar 2003
21. Speaker, Diploma course in Intensive care: Spinal trauma management, HKU SPACE, Dec 2004
22. Speaker, Diploma course in Intensive care: Spinal trauma management, HKU SPACE, July 2006
23. Speaker, Diploma course in Intensive care: Spinal trauma management, HKU SPACE, July 2007
24. Speaker, Workshop on Spinal Problem Management for Nurse, Hong Kong East Cluster, Jun 2006
25. Speaker, Workshop on Spinal Problem Management for Nurse, Hong Kong East Cluster, Sep 2006
26. Instructor, AO spine course on Minimal Invasive Spinal Surgery, Hong Kong, Sep 2006
27. Speaker, AO spine course on Theatre Nurse, Hong Kong, Sep 2006
28. Speaker, Surgical management of osteoporotic vertebral fracture non-union, Annual Scientific Sessions of The College of Surgeons of Sri Lanka 2006, Sri Lanka, Aug 2006
29. Speaker, Management of Back Pain: Let's do better Hong Kong Physiotherapist Association, Hong Kong College of Orthopaedic Surgeon, Hong Kong Association of rehabilitation Medicine, Joint Congress, Oct 2006
30. Speaker, The 4th Hong Kong International Orthopaedic Forum, Musculoskeletal problems in the skeletally immature, 'A Global Perspective', Hong Kong, Apr 2007
31. Speaker, Symposium on Prevention of Work Injury and Return to Work, Occupational Therapist COC, Hospital Authority, Hong Kong, Aug 2007
32. Speaker, The Second China Orthopaedic Association International Congress, Surgical Management of Osteoporotic kyphotic spinal deformity, Chengzhou China, Nov 2007
33. Speaker, Equestrian related spinal injury, International Federation of Sports Medicine satellite program, Hong Kong, April 2008
34. Speaker, Workshop on Spinal Problem Management for Nurse & Therapist, Hong Kong June 2008
35. Speaker, 5th Hong Kong International Orthopaedic Forum, New Frontier in Orthopaedics, Hong

Kong, Apr 08

36. Speaker, Hong Kong Academy of Medicine 15th anniversary congress, Hong Kong Nov 2008
37. Speaker, Current Advances in Minimal Invasive Spine Surgery, SICOT 2008 XXIV Triennial World Congress 2008, Hong Kong, Aug 2008
38. Speaker, (Percutaneous Endoscopic Lumbar Discectomy, Hong Kong Experience), Hong Kong Orthopaedic Association Annual Congress 2008, Hong Kong Dec 2008
39. Speaker, (Surgical Management of Lumbar Spinal Stenosis, from open to minimal invasive, critical review and Hong Kong Experience), Hong Kong Orthopaedic Association Annual Congress 2008, Hong Kong Dec 2008
40. Speaker & instructor, Percutaneous Endoscopic Lumbar Discectomy Operative Skill Workshop, Hong Kong Dec 2008
41. Speaker & instructor, Basic Spinal Operative Workshop, Hong Kong Dec 2008 & March 2009
42. Speaker & organizer, AO spine Advanced course on 'High Risk Spinal Surgery', Hong Kong, March 2009
43. Speaker, 6th Hong Kong International Orthopaedic Forum, Musculoskeletal Degeneration, Hong Kong, Apr 2009
44. Speaker, Spine X'eed (experience exchange via engaging debate) 2009, Jeju Island, Korea, Sept 2009
45. Chairman, organizing committee, Hospital Authority Commissioned Training in Orthopaedics & Traumatology 2009-10 ' Fundamental Spinal Operative Skill Workshop', Hong Kong, Jan 2010
46. Chairman & Speaker, AO spine Principle seminar, Management of Common & Tricky Spinal Problem, Hong Kong, July 2010
47. Speaker, AO spine Advanced symposium on Lumbar Spine, Xian, China, Aug 2010
48. Speaker, Asian Academy of Minimal Invasive spine surgery, 2011 congress, Shanghai, China, May 2011
49. Speaker, AO Spine Advanced course, Jakarta, Indonesia, June 2011
50. Speaker, AO Spine Principle seminar in cervical spine problem, Taipei, Taiwan, June 2011
51. Program director, AO Spine Principle workshop on surgical management of degenerative lumbar spinal and osteoporotic spinal problem, Hong Kong, June 2011
52. Speaker and instructor, Cervical Spine Surgical Management workshop, The Chinese University of Hong Kong, Hong Kong, Oct 2011
53. Speaker, AO Spine Advanced workshop, Kuala Lumpur, Malaysia, Nov 2011
54. Speaker, AO Spine Principle seminar, Hochiminh city Vietnam, Dec 2011
55. Speaker, AO Spine Advanced Symposium, Bangkok Thailand, Feb 2012
56. Speaker, The 8th Hong Kong International Orthopaedic Forum, Pain Management, Hong Kong, May 2012
57. Program director & speaker, AO Spine Advanced course on cervical spine surgery, Hong Kong, Jun 2012
58. Program chairman & speaker, AO Spine Principle seminar, Hochiminh city Vietnam, Aug 2012
59. Speaker, AO Spine Davos course, Kuala Lumpur,, Malaysia, Sep 2012

60. Speaker, AO Spine Davos course, Davos , Switzerland, Dec 2012
61. Speaker, AO Spine Interactive forum of spinal uncertainty and controversy, Singapore, Mar 2013
62. Speaker, MISS Summit & PASMIS annual congress, Aichi Center, Inuyama, Japan, April 2013
63. Speaker, Advanced Navigation assisted orthopaedic surgery workshop, Hanam Island, China, June 2013
64. Guangzhou Minimal Invasive Spine congress and annual congress of musculo-skeletal rehabilitation, Guangzhou, Aug 2013
65. Speaker, AO Spine Principle course, Singapore, Sep 2013
66. Speaker, AO Spine Principle course in spinal trauma, Yangon, Myanmar, Oct 2013

Media presentation/ Interview

1. Press conference on 'Scoliosis screening', The University of Hong Kong, Hong Kong, 2002
2. Speaker, 'scoliosis screening', RTHK radio channel 5, 2002
3. Speaker, 'scoliosis' & 'sciatica', Radio channel Metroshowbiz 99.7, 2003
4. Speaker, Sciatica, RTHK channel 1, April 2004
5. Speaker, Now TV, Equestrian game related spinal injury, Hong Kong, March 2008
6. Speaker, Now TV, Rugby related spinal injury, Hong Kong, March 2008
7. Press conference on Hong Kong East Cluster service improvement project-Minimal Invasive Spine Surgery, 2010
8. Speaker, 'Surgical principle of spinal surgery', RTHK radial channel 1, Jun, 2012
9. Newspaper interview, Hong Kong Economist News, 'Sciatica and advancement in surgical management', Jun 2012
10. Speaker, Now TV, 'Minimal Invasive Spinal Surgery', July 2012
11. Speaker, Press release, Hong Kong East Cluster service improvement project- Ortho-I-OR, Nov 2012
12. Speaker, Now TV, 'Percutaneous Endoscopic Lumbar Discectomy', July 2013
13. Speaker, Hong Kong Economic Journal, (3D Radiology, O-arm), Oct 2013

Research:

1. Full weight bearing after non-cemented total hip replacement is compatible with satisfactory results, Y.K. Chan, K.Y. Chiu, D.K.H. Yip, T.P. Ng, W.M. Tang, International Orthopaedics (SICOT) (2003) 27:94-97 (19th HKOA annual congress Hodgson award winner)
2. A New Halo-Pelvis Apparatus, K.M.C. Cheung, E.Y.C. Kwan, Y.K. Chan, K.D.K. Luk, Spine vol. 28, no. 3, 305-308, 2003
3. The incidence of deep vein thrombosis in elderly Chinese suffering from hip fracture is low without prophylaxis:A Prospective study using serial duplex ultrasound scans, Y.K. Chan, K.Y. Chiu, S.W.K. Cheng, P Ho, J. Ortho. Surg. (2004); 12:178-183 (95-96 CRCG grant holder, The University of Hong Kong)
4. Prospective clinical study on fixation of the postero-medial femoral fracture fragment in Kyle's III inter-trochanteric fracture of femur, Y.K. Chan, W.Y.Cheung, K.F.Kong, T.P.Ng, W.P.Yau,

F.K.L.Leung, S.P.Chow (21st HKOA annual congress Hodgson award winner)

5. Fulcrum Bending Technique Effectively Determine The Shortest Fusion Length Needed in Scoliosis, Luk KDK, Chong CS, Lu DS, Chan YK, (23rd HKOA annual congress Hodgson award winner)
6. 6 minute Walking Test is simple, effective and reliable in screening and progress monitoring of patients suffering from spinal claudication: A Prospective study of 133 patients, YK Chan, S Kwong, J Ko, MK Wong, B Lam, FK Ip (presented at the The Royal College of Surgeons of Edinburgh, The College of Surgeons of Hong Kong, Joint Congress, Hong Kong Oct 2006) (26th HKOA annual congress Best Spine Paper award winner, Royal college of Orthopaedic Surgeon of Thailand 2007 annual congress, Basic pharmacology, Spine & Pediatric session, Best poster award, 2007)
7. Multi-disciplinary Shared Care Approach enhanced Safety, Efficiency and Quality in managing large volume clinical problem: A model on Patients with Spinal Problem using a protocol with Physiotherapist as Triage, Family Physicians as gate keeping and Orthopaedic Specialists as Back up-HKEC & HKWC Experience, YK Chan, YW Wong, S Kwong, WX Chu, MSM Wong, WYW Wong, W Tsui, SL Cheng, MY Cheng, Best Poster Award, HA Convention 2007, Hong Kong)
8. Low Pressure Kyphoplasty in Osteoporotic Vertebral Fracture Nonunion: A Safe Technique under Local Anesthesia with Simple Facilities, YK Chan, J. Ko, MK Wong, FK Ip (presented at the 4th Pacific Asian Society of Minimally Invasive Spine Surgery, Taiwan, August 2006/ 26th HKOA annual congress, Hong Kong/ Chinese Orthopaedic Association First International Congress, Beijing China, Nov 2006) (First runner up of Best Poster Award, Hong Kong East Cluster Quality & Safety Seminar 2007, Dec 2007)
9. A multidisciplinary functional restoration program for patients with chronic back pain, KDK Luk, T Wan, YW Wong, KMC Cheung, YK Chan, A Cheng, M Kwan, K Law, PWH Lee, GLY Cheing, (to be published in the J. Ortho Surgery, 2010; & as special poster presentation at the ISSLS Annual Meeting in Auckland, New Zealand April, 2010)
10. SaFe-CoMFiT (Surpa-Flavum-ligament Contra-lateral Muscle-Sparing Fenestration in Trumpet fashion) procedure, a unilateral approach bilateral spinal decompressive technique, is safe and effective, Y.K. Chan, J.T.Y. Ko, M.K. Wong, J.L.Y. Leung, S. Kwong, (presented: 27th Hong Kong Orthopaedic Annual Congress)
11. Discography is useful in predicting the surgical outcome for patients suffering from back pain, Y.K. Chan, Y.W. Wong, K. Cheung, K.D.K. Luk (presented at 20th HKOA annual congress)
12. The impact of school screening on scoliosis treatment: A 5-years prospective longitudinal study on 736 students, Y.K. Chan, K.D.K. Luk, K.M.C. Cheung, Y.W. WONG (presented at 21st HKOA annual congress)
13. Bracing is effective in prevention of scoliosis progression and school screening is useful in decreasing the number of patients requiring surgery: A 6-years cohort study of 1663 adolescent, YK Chan, SY Siow, KDK Luk, KMC CHEUNG, YW Wong, GNG Tong , KH Mak (presented at 22nd HKOA annual congress)
14. 6 minute Walking Test is simple, effective and reliable in monitoring the walking ability of

- patients suffering from cervical myelopathy: A prospective study of 96 patients, YK Chan, S Kwong, J Ko, MK Wong, I Chan, R Ng, (presented at the The Royal College of Surgeons of Edinburgh, The College of Surgeons of Hong Kong, Joint Congress, Hong Kong Oct 2006)
15. Flip coin test is simple, reliable and effective in monitoring the hand function of patients suffering from cervical myelopathy: A prospective study of 96 patients, YK Chan, S Kwong, J Ko, MK Wong, I Chan, R Ng, (presented at the 26th HKOA annual congress, Hong Kong/ Chinese Orthopaedic Association First International Congress, Beijing China, Nov 2006/ 2008 SICOT XXIV Triennial World Congress)
 16. Promoting Shared Care between Orthopaedic Surgeons & Family Physicians on Back Pain Management Through a New Triage Questionnaire and Protocol, YK Chan, S Kwong, M Wong, WK Ching, WS Chu, FK Ip, MY Cheng (Poster Presentation in Hospital Convention 2006, Hong Kong)
 17. Expanding Role of Physiotherapists As the Gatekeeper and Care Provider for Orthopaedic Outpatients with Back Pain-is it the way ahead, S Kwong, YK Chan, WK Ching, CFH Tsang, AYY Au, MY Cheng (Poster Presentation in Hospital Convention 2006, Hong Kong)
 18. Role expansion of Physiotherapists in triage & secondary prevention is an effective and safe strategy in prevention of patients' disease chronicity and optimization of health care utilization: A model on Patients with Spinal Problems, S Kwong, YK Chan, E See, J Ko, MK Wong, WK Ching, AYY Au, CFH Tsang, FK Ip, MY Cheng, (presented in Hospital Convention 2007, Hong Kong)
 19. Multidisciplinary Structural Seamless Time-contingent Out-patient Rehabilitation program for Work related Spinal Problems is effective and economical: A Case-Control study, YK Chan, D Chin, B Lam, E See, G Tse, J Ko, MK Wong, H Li, A Ng, J Tsang, D Kwong, FK Ip (Poster Presentation in Hospital Convention 2007, Hong Kong)
 20. Strategy to tackle Lumbar Prolapse Intervertebral Disc in difficult Accessible /sites using Percutaneous Endoscopic Lumbar Discectomy, YK Chan, J Ko, (presented in the 6th Pacific & Asian society of Minimally Invasive Spine Surgery annual congress, Osaka, Japan, Aug 2009 & in the 29th HKOA annual congress, 2009 Hong Kong)
 21. Transpedicular Vertebral Bone Grafting Technique is effective in Correcting Kyphosis secondary to Osteoporotic Vertebral Fracture Non-union: A Prospective Cohort study of 14 patients, YK Chan, J Ko, MK Wong, (presented in the 29th HKOA annual congress, 2009 Hong Kong)
 22. Indication and Limitation of Percutaneous Endoscopic Lumbar Discectomy, YK Chan, J Ko, (presented in the 7th Pacific & Asian society of Minimally Invasive Spine Surgery annual congress, Taipei, Taiwan, Aug 2010 & Asian Academy of Minimal Invasive spine surgery, 2011 congress, Shanghai, May 2011)