6月14日(木) 17:10~18:10 A会場

Surgical Treatment of Cervical Kyphosis

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Cervical kyphosis is a condition that has been recognized for many ages. It is uncommon, causes health debilitation but is challenging in medical studies. More recently, considerable research focuses on cervical alignment, and produces the abundance knowledge on the influence of spinal deformity. The cervical spine is the most mobile of the spine, and its role in alignment is quite dynamic. It is biomechanically responsible for maintaining the position of the head over the thoracic spine and, even more important, over the pelvis.

Through studies of the etiology, symptoms, clinical and radiological evaluation, we have attained results of cervical kyphosis treatment. Based on the current controversy against the ideal mode of surgical management, we paid particular attention to the available surgical strategies, and developed three approaches for cervical kyphosis: the anterior, posterior or combined hybrid procedures. However, study that attemped to identify the ideal cervical curvature was scarce.

Both anterior and posterior procedures on the cervical spine achieve great modification potentially on sagittal alignment, especially in the anterior procedures where even short segment of standard operations can remarkably influence cervical lordosis. The study focus is on the practice of either the anterior or the combined strategy. We compared the two strategies with regard to various aspects of clinical outcome, correction of deformity, rate of fusion, complications, and revision surgery. In future the prospective, random and controlled case study would be performed to identify that the goal of complex cervical kyphosis surgery is beneficial to the "normal" lordosis research processing.

CURICULUM VITAE

Professional Affiliations:

- Spine Superintendent: Jhong Jheng Spine & Orthopedic Hospital, Kaohsiung, Taiwan (2012.10- present)
- Executive Chairman, 2nd ICSS (Second Annual Meeting of International Chinese Spine Society)
- President, Asia Spine 2012
- Chairman, SAS Taiwan Chapter (2009- present)
- Executive Member, Asia Pacifc Spine Arthroplasty Society. 2010
- 6. Clinical professor, National Defense Medical College (2007- present)
- 7. Co-Chairman, The 3rd Asia Pacific Cervical Spine Research Society 2009
- President, Taiwan society of minimally invasive spine surgery (2007-2009) Taiwan, ROC
- President, Taiwan Neurospinal Society (2005- 2007), Taiwan, ROC
- 10. Chairman, The 1st Chinese Conference on Spine (2007)
- 11. Director, Spine Surgery & Spine Center, Chi-Mei Medical Center (2006-2012.10)
- 12. Director of NCU (1999- 2007) Stuff of Neurosurgery Chi Mei Foundation Hospital (1990-2003) Tainan, Taiwan, ROC
- 13. Supervisor, Taiwan Neurosurgery Society (2003- present) Taipei, Taiwan, ROC
- 14. Director, Taiwan Neurospinal Society 2001-2005 Taipei, Taiwan, ROC

- 15. Chairman of Neurosurgery, Kaohsiung Army General Hospital Kaohsiung, Taiwan, ROC
- 16. Editorial Board, Journal of spine, Chinese version. (2007- present)
- 17. Editorial Board, Surgical Neurology Supplement. (2005- present)

MEMBERSHIP

INTERNATIONAL

- Member, North American Spine Society (2004-present) Member, The Spine Society of Europe (2006-present)
- Member, World Spine Society (2004- present)
- Member, The Spine Arthroplasty Society (2007- present)
- Fellows, International College of Surgeons (ICS) NATIONAL
- Member, Taiwan Society of Minimally Invasive Spine Surgery
- Member, Taiwan Neurospinal Society
- Member, Taiwan Neurosurgery Society
- 4. Member, Taiwan Surgical Association

PLACE/DOB: Kaohsiung, Taiwan, ROC. March 10,1953 EDUCATION:

Medical Degree (MD), National Defense Medical College (1972 to

Taipei, Taiwan, ROC