# **CURRICULUM VITAE**

### **PERSONAL DETAILS**

- Name : Sang-Bum Kim, M.D., PhD.
- Nationality : Republic of Korea (South Korea)
- Place of Birth : Daejeon, KOREA



- Current Position: Professor Department of Orthopaedic Surgery Chungnam National University Sejong Hospital Sejong, Korea
- Subspeciality : Spine Surgery Minimal invasive surgery (BESS, OLIF, DLIF, BESS TLIF) Spinal deformities like scoliosis and kyphosis Spinal fractures Osteoporosis

Address

Office : Department of Orthopaedic Surgery Chungnam National University Hospital 20, Bodeum 7-ro,Sejong, South Korea

> Tel : 82-44-995-4020 Fax : 82-44-995-4033 Mobile : 82-10-4484-8149 E-mail : <u>sangbumos@cnuh.co.kr</u> or <u>sangbumos@me.com</u>

Home : 209-2001, Bansuk- Apt. Jijok-dong, Yusung-gu, Daejeon, South Korea

Tel: 82-42-826-6654

### EDUCATIONAL BACKGROUND

- Mar 1986 Feb 1989 : Chungnam high schoo Daejeon, Korea
- Mar 1989 Feb 1991 : Premedical school Chungnam National University Daejeon, Korea
- Mar 1991 Feb 1995 : M.D. degree Chungnam National University, School of Medicine Daejeon, Korea
- Mar 1996 Feb 1998 : M.S. degree Chungnam National University Hospital Daejeon, Korea
- Mar 1998 Feb 2006 : Ph.D. degree course Chungnam National University Daejeon, Korea

# POST-GRADUATE TRAINING

- Mar 1995 Feb 1996 : Medical Internship Chungnam National University Hospital Daejeon, Korea
- Mar 1996 Feb 2000 : Residency in Orthopedic Surgery Department of Orthopedic Surgery Chungnam National University Hospital Daejeon, Korea

# **PROFESSIONAL AFFILIATIONS**

Sep 2005 - Feb 2008	: Exclusive Instructor
Mar 2008 - Feb 2012	: Assistant Professor
Mar 2012 - Feb 2017	: Associate Professor
Mar 2017 - Feb 2019	: Professor and Chairman
	Department of Orthopedic Surgery
	Konyang University, School of Medicine
	Daejeon, Korea
Mar 2019 - Feb 2019	: Professor
	Department of Orthopaedic Surgery
	Chungnam National University Hospital
	Daejeon, Korea

Mar 2020 - present : Chief of Spine center Director of Planning & Budget Professor Department of Orthopaedic Surgery Chungnam National University SejongHospital

### MEDICAL LICENSURE

Certificate of The Korean Medical Association (1995. 2)

### BOARD CERTIFICATION

Certificate of The Korean Orthopedic Association (2000. 2)

#### MEDICAL SOCIETY MEMBERSHIP

Member of The Korean Medical Association (1995)

Member of The Korean Orthopaedic Association (2000)

Member of The Korean Spine Society (2004)

Member of The Korean Society of Fractures (2005)

Member of The Pacific Asian Society of Minimally Invasive Spine Surgery (2005)

#### PUBLICATIONS

- 1. JS Ahn, JK Lee, JY Yang, YM Kim, SB Kim, MJ Lee: Relationship between Union of Grafted Autologous Bone and Clinical Results of Operative Treatment of Degenerative Spondylolisthesis by Posterolateral Fusion. J Korean Orthop Assoc, 34: 95-101, 1999.
- 2. JK Lee, JS Ahn, SB Kim, CH Hong, JB Lee: Influence of Plate Position on Fusion Time and Clinical Outcomes after Anterior Cervical Interbody Fusion. J Kor Soc Spine Surg, 12: 22-27, 2005.
- 3. JY Byun, JT Park, SB Kim, JS Ryu: Posterior Lumbar Interbody Fusion Using Laminar Bone and Titanium Block. J Kor Soc Spine Surg, 12: 52-57, 2005.
- 4. TS Jeon, SB Kim, WY Chung, WS Kim, SH Kim, TK Kim : Malunion of the odontoid process developing cervical myelopathy A case report- J Korean Fracture Soc, 19: 378-380, 2006.
- 5. Sang-Bum Kim, Taek-Soo Jeon, Seung-Ryol Ryu, Seung-Hwan Kim, Cheol-Mog Hwang: Unilateral Transforaminal Lumbar Interbody

Fusion in Spondylolisthesis - Comparison with Conventional Posterior Lumbar Interbody Fusion Through Bilateral Approach -. J Kor Soc Spine Surg, 15: 87-95, 2008.

- Kim SB, Jeon TS, Heo YM, Lee WS, Yi JW, Kim TK, Hwang CM: Radiographic results of single level transforaminal lumbar interbody fusion in degenerative lumbar spine disease: focusing on changes of segmental lordosis in fusion segment. Clin Orthop Surg. 2009 Dec;1(4):207-13.
- Sang-Bum Kim, Taek-Soo Jeon, Won-Ki Park, Sung-Kwun Jo, Yong-Sang Kim, Cheol-Mog Hwang: Transforaminal Selective Nerve Root Blocks for Treating Single Lumbosacral Radiculopathy: The Shortterm Outcome and Efficiency. J Korean Orthop Assoc, 44: 619-626, 2009.
- Sang-Bum Kim, Byung-Hak Oh, Seong-Kwon Cho, Cheol-Mog Hwang, Youn-Moo Heo, Taek-Soo Jeon: Intramedullary Spinal Cord Metastasis (ISCM) Arising from Small Cell Lung Cancer (SCLC). J Korean Orthop Assoc, 45: 78-82, 2010.
- 9. Sang-Bum Kim, Taek-Soo Jeon, Seung-Hwan Kim, Han Chang, Cheol-Mog Hwang: Related Factors of Ligamentotaxis with Posterior Instrumentation for the Surgical Treatment of Thoracolumbar Bursting Fracture. J Korean Fracture Soc, 23: 213-219, 2010.
- 10. Kim SB, Jeon TS, Lee WS, Roh JY, Kim JY, Park WK. Comparison of kyphoplasty and lordoplasty in the treatment of osteoporotic vertebral compression fracture. Asian Spine J. 2010 Dec;4(2):102-8.
- 11. Kim SB, Jeon TS, Heo YM, Lee WS, Yi JW, Kim TK, Hwang CM: Radiographic results of single level transforaminal lumbar interbody fusion in degenerative lumbar spine disease: focusing on changes of segmental lordosis in fusion segment. Clin Orthop Surg. 2009 Dec;1(4):207-13.
- 12. Jeon TS, Kim SB, Park WK. Lordoplasty: an alternative technique for the treatment of osteoporotic compression fracture. Clin Orthop Surg. 2011 Jun;3(2):161-6.
- 13. Kim SB, Lee GS, Won YG, Jun JB, Hwang CM, Hong CH. Radiologic Findings of Pelvic Parameters Related to Sagittal Balance. J Korean Soc Spine Surg. 2016 Sep;23(3):197-205.
- 14. Won Y, Lee GS, Kim SB, Kim SJ, Yang KH.: Osteochondral Autograft from the Ipsilateral Femoral Head by Surgical Dislocation for Treatment of Femoral Head Fracture Dislocation: A Case Report. Yonsei Med J. 2016 Nov;57(6):1527-1530.
- 15. Kim SB, Heo YM, Oh BH, Kim TG, Jung YS: Acute Epidural Hematoma Following Cervical Spinal Fracture in a Patient with Ankylosing Spondylitis. J Korean Soc Spine Surg. 2017 Mar;24(1):44-48.
- 16. Hong CH, Lee TK, Kim SB, Jeon TS, Park JS, Hong SJ. Coccygectomy for Treatment of Coccygodynia. J Korean Orthop Assoc. 2014 Jun;49(3):209-213.
- 17. Kim SB, Won Y, Yoo HJ, Sin LJ, Rhee JM, Lee SW, Lee GS.

Unilateral Spinous Process Noncovering Hook Type Patient-specific Drill Template for Thoracic Pedicle Screw Fixation: A Pilot Clinical Trial and Template Classification. Spine (Phila Pa 1976). 2017 Sep 15;42(18)

- Kim SB, Rhee JM, Oh BH, Won YG, Jung Y, Park KY, Hutton WC, Kim C. Is It "In" or "Out"? The Optimal Fluoroscopic Views for Intraoperative Determination of Proper Lateral Mass Screw Placement. Spine (Phila Pa 1976). 2017 Jul 15;42(14):1039-1043.
- 19. Yoo JI, Ha YC, Won YY, Yang KH, Kim SB, Yoo JH, Kim DS. Fracture Preventing Effects of Maxmarvil® Tablets (Alendronate 5 mg + Calcitriol 0.5 μg) in Patients with Osteoporosis. J Bone Metab. 2017 May;24(2):91-96.
- 20. Kim SB, Rhee JM, Lee GS, Lee HY, Kim T, Won Y. Computerassisted Patient-specific Prototype Template for Thoracolumbar Cortical Bone Trajectory Screw Placement: A Cadaveric Study. Tech Orthop. 2018 Dec;33(4):246-250.
- 21. Kim SB, Heo YM, Hwang CM, Kim TG, Hong JY, Won YG, Ham CU, Min YK, Yi JW. Reliability of the EOS Imaging System for Assessment of the Spinal and Pelvic Alignment in the Sagittal Plane. Clin Orthop Surg. 2018 Dec;10(4):500-507.
- 22. Kang C, Lee GS, Kim SB, Won YG, Lee JK, Jung YS, Cho HJ. Comparison of postoperative pain control methods after bony surgery in the foot and ankle. Foot Ankle Surg. 2018 Dec;24(6):521-524.

I hereby certify the above statement to be true and correct in every detail.

Sang-Bum Kim M.D., PhD.