

## **CURRICULUM VITAE**

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### **Present Academic & Hospital Appointments:**

Professor of Neurosurgical Department at Inha University Hospital,

Inha University, College of Medicine, Incheon, Korea



### **Education:**

1984.2-1990.3 M.D. degree from Yonsei University College of Medicine, Seoul, Korea

1996.8-1998.8 master's degree from Inha University, Graduate school, Incheon, Korea

1999.3-2001.8 Ph.D. degree from Inha University, Graduate school, Incheon, Korea

### **Career:**

1990.3-1991.2 Internship in Wonju Christian Hospital, Yonsei University

1992.3-1996.2 Residency of Neurosurgery in Wonju Christian Hospital, Yonsei University

1996.3-1996.12 Fellowship of Spinal surgery in Yong-Dong Spine Center, Yonsei University

1997.1-1998.8 Fellowship of Spinal surgery in Inha University Hospital, Inha University

1998.9-2000.8 Instructor of Neurosurgery in Minjoong Hospital, Konkuk University

2000.9-2002.2 Assistant Professor of Neurosurgery in Minjoong Hospital, Konkuk University

2002.3-2004.2 Assistant Professor of Neurosurgery in Inha University Hospital, Inha University

2004.3-2010.2 Associate Professor of Neurosurgery in Inha University Hospital, Inha university

2010.3-Present Professor of Neurosurgery in Inha University Hospital, Inha University

### **Oversea Study**

2006.12-2007.7 Visiting Professor, Department of Orthopedic and Neurosurgery, UCLA

2007.8-2007.11 Visiting Professor, Department of Orthopedic, UCSD, Children's Hospital

2008.05-2008.07 Visiting Professor, Department of Neurosurgery, Stanford University

**Award:**

**Synthes Award for Resident on Spinal Cord and Spinal column injury in 54th CNS annual meeting** on Oct, 18, 2004 San Diego for GM-CSF decreases apoptosis and improves neurologic functions in spinal cord injured rats.

**Medtronic Spine Award.** The osteoinductive properties of Nell-1 and viral-BMP-2 in a rat spinal fusion model. The Korean Spinal Neurosurgery Society. 2008

**English Paper Award.** A novel porcine intervertebral disc degeneration model induced by annular injury: Characterization with MRI and histopathologic findings.

The Korean Neurosurgical Society. 2009.

**Who's Who in the World, 2009**

**Best Paper Award.** Comparison of bony fusion between the hollow cage group and the cage with bone substitutes group in one-level cervical spinal disorders. The Korean Spinal Neurosurgery Society.

**Lami Paper Award.** Prevalence and insight of scoliosis among Korean Male Adolescents by Chest Radiographs. The Korean Spinal Neurosurgery Society. 2012.

**Chung Hwan Young Paper Award.** The Korean Neurosurgery Society 2013. Improvement in sensory function via granulocyte-macrophage colony-stimulating factor in rat spinal cord injury models.

**Wiltse Spine Award.** The Korean Neurosurgery Society 2014. Superior spinal bone fusion properties of an AB 204 compared to rhBMP2.