

# ACMISST発表

2013/3/29-3/30

愛知県犬山市名鉄犬山ホテルにおいて  
開催された国際学会において杉田医師は  
頚椎の低侵襲的椎弓形成術について発表しま  
した。

# Certificate

This is to certify that

Kyoichi Sugita

has participated in  
The 2nd Asian Congress of Minimally Invasive  
Spine Surgery & Techniques  
combined with the 6th MISS Summit Forum

**March 29-30, 2013**

Fujio Ito

Fujio Ito, M.D., Ph.D.  
President



# The 2nd Asian Congress of Minimally Invasive Spine Surgery & Techniques

combined with The 6th MISS Summit Forum

## Program & Abstracts



**Dates** March 29-30, 2013

**Venue** Meitetsu Inuyama Hotel,  
Inuyama City, Aichi, Japan

**President** Fujio Ito, MD, PhD

Web : <http://acmisst.com/>  
E-mail : [acmisst@itoortho.or.jp](mailto:acmisst@itoortho.or.jp)



The 2nd Asian Congress of Minimally Invasive Spine Surgery & Techniques



8:00-8:15 Opening Ceremony

Dr. Fuguo Du, President of the 2nd ACMISST

8:15-10:19

Spine / Instrument / Far Later / MED / Micro / Thoracic / Scoliosis

Dr. Sankarshandra Gore / Dr. Sahel Ezzara

8:15-8:22 Use of an Ultrasonic Device in Surgical Treatment of Intractable Low Back Pain

from LA Links

Sang-Hyun Kwon, Song Min Kim, Songhwan Lee, Chul Yul Kim

(Gang Seon Hospital Spine Center)

A1-1-2 Ultrasonic Devices in Minimally Invasive Spine Surgery

8:22-8:32 Shiroki Nakagawa, Tetsuaki Saito, Tetsu Muroga

(Spine Center and Orthopedic Surgery, Koshino Kojinkyu Memorial Hospital, Koshino Japan)

A1-1-3 Ultrasonic-guided intervention in the spine field

8:32-8:42 Doo-Min Shim

(Department of Orthopedic Surgery, Yonsei and Yonsei-Gil, Yonsei University, Seoul, Korea)

A1-1-4 Early experience of clinical application of O-Arm in the field of spinal surgery

8:42-8:52 Junichi Mizuno\*, Shiro Uehara\*, Hiromasa Matsuda\*

(\*Center for Minimally Invasive Spinal Surgery, \*Department of Surgery of Spine and Peripheral Nerves, Shin-Yuigawa General Hospital)

A1-1-5 Tumor-Selective Near-Infrared Photodynamic Therapy with Novel Indocyanine

8:52-9:02 Green-Loaded Nanocarrier: Minimal Invasive treatment for metastatic spine tumor

Masataka Sakane\*, Tetsu Fushiyama\*, Toshihiro Tsukamoto\*, Tetsuya Abe\*, Hiroaki Naguchi\*, Taro Harai\*, Eiichi Onishi\*

(Department of Orthopedic Surgery, Faculty of Medicine, University of Tsukuba Technology Research Laboratory, Shimadzu Corporation)

A1-1-6 Clinical and Microanatomical Consideration on Lumbosacral Extraforaminal Lesion

9:02-9:12 Jung-Kwon Suh, Seong-Dae An, Jong-II Choi

(Department of Neurosurgery, Korea University Medical Center, Seoul, Korea)

A1-1-7 Anatomy of lumbar foramen with special ref to transforaminal surgery

9:12-9:22 Sankarshandra Gore

(Prime surgical centre off law college road, pune)

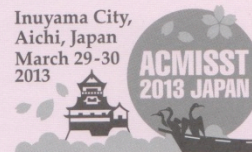
A1-1-8 Wrong site surgery in minimally invasive spine technique

9:22-9:32 Shigen Katsuno, Motonobu Shibayama, Satoshi Haden

(Spine Center and Orthopedic Surgery, Toyokawa City Hospital)

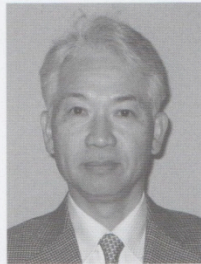
# Program

Inuyama City,  
Aichi, Japan  
March 29-30  
2013



The 2nd Asian Congress of Minimally  
Invasive Spine Surgery & Techniques

# DAY-2 March 30. Sat



B2-2-7

Kyoichi Sugita, M.D., Ph.D.

Department of Neurological Surgery, Azuhata Hospital, Ibaraki, Japan

## History & Education

### Degrees

- 1980 Tohoku University School of Medicine, MD
- 1988 Tohoku University School of Medicine, PhD

### Residency

- 1982-1988 Department of Neurological Surgery, Tohoku University

### Faculty

- 1988 Department of Neurological Surgery, Mito National Hospital, Ibaraki, Japan
- 1997 Chief, Department of Neurological Surgery, Mito National Hospital
- 2007 Director of the Emergency Room, Mito Medical Center, Ibaraki, Japan
- 2012 Chief, Department of Neurological Surgery, Azuhata Hospital, Ibaraki, Japan

## Research and Clinical Interests

- Brain ischemia
- Biology of the artificial bone
- Metabolism of the central nervous system
- Cerebral vascular disease
- Acute medicine
- Spinal cord injury
- Neurological surgery
- Spinal surgery

## Evidence-based minimally invasive cervical laminoplasty

**Kyoichi Sugita, M.D., Ph.D.**

Department of Neurological Surgery, Azuhata Hospital, Ibaraki, Japan

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Recently the increase of the old people in Japan requires much more surgical treatment of the spine disease. In this paper reported are basic data of the size of the spinal canal of people of today and the surgical cases, the surgical method and result of the cervical laminoplasty with midline splitting of the spinous process. At first the size of the cervical spinal canal differs in each cervical spine; this is supported by the data of 200 trauma patients and many patients who had surgical treatments. Preoperative evaluation of the precise transverse diameter of the cervical spinal canal produces safe and good decompression of the spinal cord by laminoplasty. The surgical result and prognosis is favorable even in the high age patients. The risk of the laminoplasty was very low including lamina destruction, infection, postoperative epidural hematoma, decompression myelopathy or radiculopathy and infection. Follow-up data revealed good outcome until the 70s-age group and half of the patients over 80 had good recovery. Economically good surgical result decreases the medical cost of the elderly people maintaining the healthy state.

DAY-2 March 30, 2013 (Room-B)

DAY-2  
Room-B

**B2-1-10** Symptoms and Clinical Examinations for Assessment of Lumbar Spinal Instability  
10:33-10:43 Yuichi Kasai  
(Department of Spinal surgery and medical engineering, Mie University Graduate School of Medicine)

**12:00-13:00 Luncheon Seminar III**  
Moderator: Dr. Motohide Shibayama

New approach and changes in the microhemodynamics of nerve root retraction in patients with lumbar spinal canal stenosis in minimally invasive surgery

Akira Dezawa  
(Department of Orthopaedic Surgery, School of Medicine, University of Teikyo, Mizonokuchi Hospital, Japan)

Support company : Ono Pharmaceutical Co., Ltd.

**13:15-14:30 B2-2 [Cervical]**  
Moderator: Dr. Masakazu Takayasu / Dr. Kazutoshi Hida

✓ **B2-2-1** Fales localizing sign of cervical cord compression presented with mid truncal pain  
13:15-13:22 Hyung Suk Kim, Soo-Yong Park, Yoo-Hyun Cha  
(Seoul Gimpo Airport Wooridul Spine Hospital)

✓ **B2-2-2** Effective cervical decompression by posterior cervical foraminotomy without discectomy  
13:22-13:29 Min-Soo KANG  
(Daegu Wooridul Spine Hospital)

✓ **B2-2-3** Transcorporeal tunnel approach for unilateral cervical radiculopathy: a 2-year follow-up review and results  
13:29-13:36 Gun Choi  
(Department of Neurosurgery, Seoul Wooridul Hospital, Seoul, South Korea)

✓ **B2-2-4** Minimally invasive key hole foraminoplasty using percutaneous spinal endoscope for cervical spondylotic radiculopathy  
13:36-13:43 Kitagawa Y, Sairyo K, Dezawa A.  
(Department of Orthopaedic Surgery, School of Medicine, University of Teikyo, Mizonokuchi Hospital, Takatsu-ku, Kawasaki City, Japan.)

✓ **B2-2-5** Minimal invasive hybrid cervical surgery to avoid spinal fusion  
13:43-13:50 Hyon-Su Chong, Gun Choi, Kang-Seok Moon  
(Seoul Gimpo Airport Wooridul Spine Hospital)

**B2-2-6** Transvertebral key-hole foraminotomy for cervical radiculopathy  
13:50-14:00 Masakazu Takayasu, Aichi Niwa, Mikinobu Takeuchi, Masahiro Yoko, Muneyoshi Yasuda  
(Dept. of Neurological Surgery, Aichi Medical University)

○ **B2-2-7** Evidence-based minimally invasive cervical laminoplasty  
14:00-14:10 Kyoichi Sugita  
(Department of Neurological Surgery, Azuhata Hospital, Ibaraki, Japan)

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**Name:**

Kyouichi Sugita

**Affiliation:**

Department of Neurosurgery,  
Azuhata Hospital

**Country:**

Japan

Inuyama City,  
Aichi, Japan  
March 29-30  
2013



The 2nd Asian Congress of Minimally Invasive Spine Surgery & Techniques



**Please Come to your Lecture room  
15min before your Lecture**

**March 30, Sat**

**B2-2-7: (14:00-14:10)**

**Room-B**

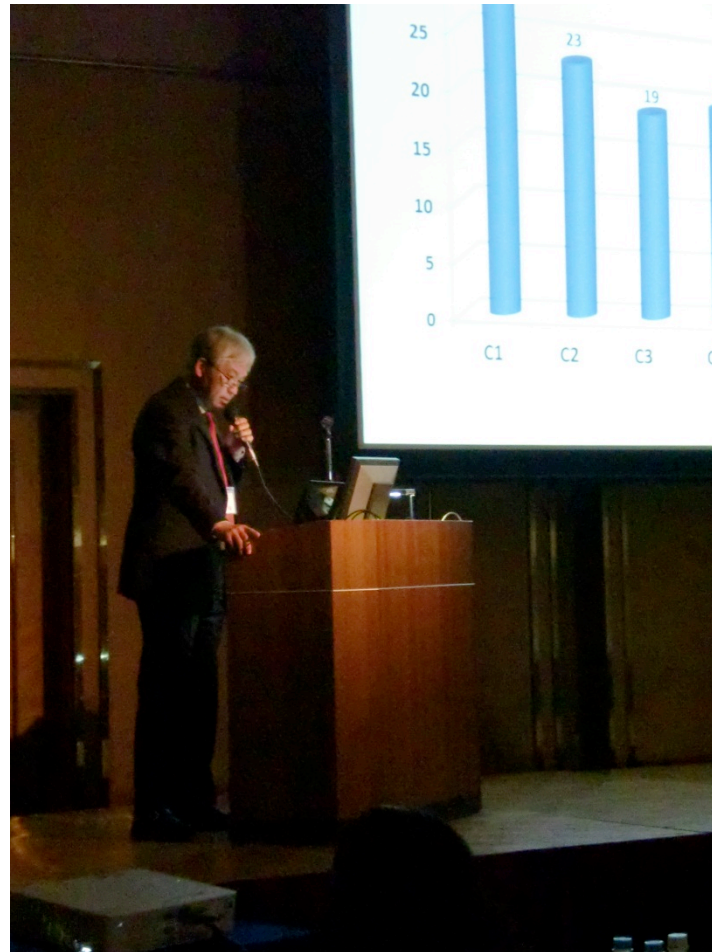
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average sagittal diameter of cervical spine  
trauma cases ( N=200 )

