The Second Day—April 17 (Friday)

Room 1

Debate 2

9 : 00～10 : 20 Moderator : H. Nagashima

Cervical myelopathy of the late-stage elderly : Anterior vs. Posterior

Break

Symposium 3

10 : 30～12 : 00 Moderators : M. Nakamura
M. Watanabe

Current status and future view of spinal cord regeneration

2-1-S3-4 Engrafted neural stem cells promote functional recovery through interactive synaptic reorganization with spared host neurons after spinal cord injury ····· 402
S. Okada, et al., Department of Orthopedic Surgery, Graduate School of Medical Sciences, Kyushu University

2-1-S3-5 Cell therapy in chronic cervical spinal cord injury ····· 403
H. Suzuki, et al., Dept. of Orthop. Surg., Yamaguchi Univ. School of Medicine. Division of Genetics and Development, Toronto Western Research Institute

2-1-S3-6 Restoration of volitional walking via artificial neural connection in patients with severe spinal cord injury ····· 403
Y. Nakao, et al., Dept. of Developmental Physiology, National Institute for Physiological Sciences, Okazaki, Japan

Break

Luncheon Seminar 8

12：10～13：10 Moderator：T. Toyone

2-1-LS8-1 Total management for the patient with chronic musculoskeletal pain ····· 404
Y. Kawaguchi, Dept. of Orthop. Surg., Toyama Univ. School of Medicine

2-1-LS8-2 Significance of surgical treatment of the spine～adult spine deformities～ ····· 404
K. Hasegawa, Niigata Spine Surgery Center

Break

Symposium 4

13：20～14：50 Moderators：S. Kawai
T. Tamaki

Learn “Shou Zen Kei Go” from legendary spinal surgeon

2-1-S4-1 Message for next generation ····· 405
S. Kikuchi, Fukushima Medical University

2-1-S4-2 Loss of phase cancellation as a mechanism of enhancement of spinal cord evoked potentials in compression myelopathies ····· 405
T. Tani, et al., Dept. of Orthop. Surg., Kubokawa Hosp.

2-1-S4-3 Historical perspective of spine surgery in Japan from viewpoint of cervical myelopathy ····· 406
K. Yonenobu, Graduate School of Health Care Sciences, Jikei Institute

2-1-S4-4 Suggestions from 34 year experience in scoliosis clinic ····· 406
N. Suzuki, Scoliosis Center, Medical Scanning Tokyo, Tokyo, Japan

Break

Video Session

15 : 00～16 : 50 Moderators : Y. Nohara
Y. Hoshino

Japanese original operative prodecure worthy to transmit to the world

Break

SV Evening Seminar

17 : 00～18 : 00 Moderator : H. Konishi

Room 2

Main Theme 5

9 : 00～ 9 : 50 Moderator : M. Yoshida

Indication and limitation of minimal invasive spine surgery from the point of view of medium-and long term results

Main Theme 6

9 : 50～10 : 40 Moderator : M. Neo

Surgical risk management for high risk spine surgery

Main Theme 7

10 : 40～11 : 30 Moderator : S. Matsunaga

Elucidation of natural history of spinal disease

Break

Luncheon Seminar 9

12 : 10～13 : 10 Moderator : M. Shimode

Break

Invited Lecture 7

13 : 20～14 : 20 Moderator : T. Fuji

Break

Main Theme 8

14 : 30～15 : 20 Moderator : A. Okawa

Current status and problem in clinical research of ossification of spinal ligaments

Panel Discussion

15 : 20～16 : 50 Moderators : S. Konno
K. Takeshita

Current status and problem in clinical research based on patient-reported outcomes including JOACMEQ and JOABPEQ

Room 3

Morning Seminar 1

7 : 50～8 : 50 Moderator : Y. Shimada

Break

Free Papers 31

9 : 00～ 9 : 50 Moderator : T. Hashimoto

Osteoporotic vertebral fracture 5

Free Papers 32

9 : 50～10 : 40 Moderator : H. Hosoe

Osteoporotic vertebral fracture 6

Break

Invited Lecture 8

10 : 50～11 : 50 Moderator : Y. Toyama

Break

Luncheon Seminar 10

12 : 10～13 : 10 Moderator : S. Kikuchi

2-3-LS10 Autologous bone marrow mesenchymal stem cell therapy for spinal cord injury and related pain ……433

T. Yamashita, Department of Orthopaedic Surgery, Sapporo Medical University School of Medicine, Sapporo, Japan

Break

Free Papers 33

13 : 20～14 : 10 Moderator : D. Togawa

Osteoporotic vertebral fracture 7

2-3-F33-1 New parameter as Risk factors for early adjacent vertebral fractures after BKP ……433

J. Pak, et al., Dept. of Orthop. Surg., Kansai Medical Univ. Takii Hospital

2-3-F33-2 Outcome using JOABPEQ of balloon kyphoplasty……434

Y. Yamamoto, et al., Dept. of Orthop. Surg.,Tokai Univ. Oiso Hp.

2-3-F33-3 Is balloon kyphoplasty superior to vertebroplasty? ……434

N. Yamamoto, et al., Dept. of Orthop. Surg., yachiyo Medical Center, Tokyo Women's medical University

2-3-F33-4 An evaluation of vertebral dynamic mobility after Balloon Kyphoplasty for osteoporotic vertebral fracture……435

H. Nakayama, et al., Hitujigaoka Hospital

2-3-F33-5 Vertebroplasty with posterior spinal fusion for osteoporotic vertebral fracture : Is improvement of sagittal balance beneficial for QOL ……435

K. Katsumi, et al., Dept. of Orthopedic Surgery, Niigata University Medical and Dental General Hospital

2-3-F33-6 Outcome of the fixation and reduction in short segment using USS fracture system in combination with vertebroplasty for thoracolumbar burst fracture ……436

H. Takeshita, et al., Dept. of Orthop. Surg., Saiseikai Shigaken Hospital

Free Papers 34

14 : 10～15 : 00 Moderator : K. Sato

Lumbar spinal stenosis diagnosis/ Epidemiology

2-3-F34-1 New clssification in lumbar spinal stenosis for conservative treatment according to hypertrophy of ligamentum flavum……436

Y. Sakai, et al., Dept. of Orthop. Surg., National Center for Geriatrics and Gerontology

Free Papers 35

15 : 00～15 : 50 Moderator : N. Hosono

Degenerative spondylolisthesis

Free Papers 36

15 : 50～16 : 40 Moderator : T. Kanemura

Minimally invasive lateral interbody fusion

Room 4

Morning Seminar 2

7 : 50～8 : 50 Moderator : T. Tomita

Break

Free Papers 37

9 : 00～ 9 : 50 Moderator : Y. Yukawa

Adult spinal deformity 1

Free Papers 38

9：50～10：40 Moderator：H. Taneichi

Adult spinal deformity 2

Free Papers 39

10：40～11：30 Moderator：K. Hasegawa

Adult spinal deformity 3

Break

Free Papers 40

13 : 20～14 : 10 Moderator : T. Toyone

Adult spinal deformity 4

Free Papers 41

14 : 10～15 : 00 Moderator : E. Abe

Adult spinal deformity 5

Free Papers 42

15 : 00～15 : 50 Moderator : M. Iwasaki

Adult spinal deformity 6

Free Papers 43

15 : 50～16 : 40 Moderator : S. Sato

Adult spinal deformity 7

Break

Evening Seminar 4

17 : 00～18 : 00 Moderator : K. Takeshita

Break

Room 5

English Oral Session 1

9 : 00～10 : 00 Moderators : W. Tian
N. Kawahara

English Oral Session 2

10 : 00~11 : 00 Moderators : TJ. Huang
M. Tanaka

Break

Luncheon Seminar 11

12 : 10～13 : 10 Moderator : T. Kanemura

Break

Free Papers 44

13 : 20～14 : 10 Moderator : H. Yamada

Pathology of spine and spinal cord disease

Free Papers 45

14 : 10～15 : 00 Moderator : H. Mihara

Operative treatment etc

Free Papers 46

15 : 00～15 : 50 Moderator : M. Natsuyama

Diagnosis/ Conservative therapy

Free Papers 47

15 : 50～16 : 40 Moderator : M. Kanamori

Diagnosis / Evaluation 1

Break

Evening Seminar 5

17 : 00～18 : 00 Moderator : H. Haro

Room 6

Free Papers 48

9 : 00～ 9 : 50 Moderator : K. Yone

Ossification of spinal ligament 1

Free Papers 49

9 : 50～10 : 40 Moderator : F. Suetsuna

Ossification of spinal ligament 2

Free Papers 50

10 : 40～11 : 30 Moderator : O. Nakai

Ossification of spinal ligament 3

Break

Free Papers 51

13 : 20～14 : 10 Moderator : H. Murakami

Cervical spinal alignment 1

Free Papers 52

14 : 10～15 : 00 Moderator : E. Tou

Cervical spinal alignment 2

Free Papers 53

15 : 00～15 : 50 Moderator : F. Kato

Cervical spinal trauma 1

Free Papers 54

15：50～16：40 Moderator：T. Ueta

Cervical spinal trauma 2

Room 7

Free Papers 55

9：00～9：50 Moderator：M. Saito

High risk spine surgery

Free Papers 56

9 : 50～10 : 40 Moderator : K. Miyamoto

Tumor 1

Free Papers 57

10 : 40～11 : 30 Moderator : K. Harimaya

Tumor 2

Break

Luncheon Seminar 12

12 : 10～13 : 10 Moderator : S. Konno

Break

Free Papers 58

13 : 20～14 : 10 Moderator : H. Murakami

Spinal tumor 1

Free Papers 59

14：10～15：00 Moderator：Y. Kasai

Spinal tumor 2

Free Papers 60

15：00～15：50 Moderator：N. Kawahara

Spinal tumor 3

Free Papers 61

15 : 50～16 : 40 Moderator : M. Fukuoka

Spinal cord tumor

Room 8

Free Papers 62

9 : 00～9 : 50 Moderator : M. Machida

Basic research 4

Free Papers 63

9 : 50～10 : 40 Moderator : K. Nishida

Basic research 5

Free Papers 64

10 : 40～11 : 30 Moderator : K. Sairyo

Lumbar spinal diagnosis/ Conservative therapy

Break

Luncheon Seminar 13

12 : 10～13 : 10 Moderator : Y. Kato

Break

Free Papers 65

13 : 20～14 : 10 Moderator : T. Iguchi

Epidemiology/Natural course 1

Free Papers 66

14 : 10～15 : 00 Moderator : K. Otani

Epidemiology/Natural course 2

Free Papers 67

15 : 00～15 : 50 Moderator : O. Shirado

Epidemiology 1

Free Papers 68

15：50～16：40 Moderator：S. Imagama

Epidemiology 2

Poster Room

Poster 22

15 : 30～16 : 00 Moderator : T. Fujimoto

Diagnosis 1

Poster 23

16 : 00～16 : 30 Moderator : Y. Yoshida

Diagnosis 2

Poster 24

15 : 30～16 : 00 Moderator : S. Nobuto

Diagnosis 3

Poster 25

16 : 00～16 : 30 Moderator : T. Yara

Diagnosis 4

Poster 26

15 : 30～16 : 00 Moderator : E. Wada

Diagnosis 5

Poster 27

16 : 00～16 : 30 Moderator : K. Nakanishi

Diagnosis 6

Poster 28

15 : 30～16 : 00 Moderator : T. Maeda

Cervical spinal cord injury

Poster 29

16 : 00～16 : 25 Moderator : T. Chikawa

Vertebral artery

Poster 30

15 : 30～16 : 00 Moderator : H. Iizuka

Surgical planning

Poster 31

16 : 00～16 : 30 Moderator : Y. Kato

Basic research 1

Poster 32

15 : 30～15 : 55 Moderator : T. Ogata

Basic research 2

Poster 33

16 : 00～16 : 30 Moderator : A. Kimura

Basic research 3

Poster 34

15 : 30～16 : 00 Moderator : S. Orita

Basic research 4

Poster 35

16 : 00～16 : 30 Moderator : H. Sudo

Basic research 5

Poster 36

15 : 30～16 : 00 Moderator : S. Kobayashi

Basic research 6

Poster 37

16 : 00～16 : 25 Moderator : H. Suzuki

Basic research 7

Poster 38

15 : 30～16 : 00 Moderator : H. Yonemura

Specific disease/Treatment

Poster 39

16 : 00～16 : 25 Moderator : Y. Toribatake

Lumbar spinal anatomy/Pathology

Poster 40

15 : 30～16 : 00 Moderator : K. Higashino

Pathology of lumbar spinal disease

Poster 41

16 : 00～16 : 30 Moderator : K. Nakanishi

Metastatic spinal tumor

Poster 42

15 : 30～16 : 00 Moderator : T. Takebayashi

Spinal tumor

Poster 43

16 : 00～16 : 30 Moderator : M. Takahata

High risk spinal surgery

Poster 44

15 : 30～16 : 00 Moderator : I. Yonezawa

Coservative treatment/Diagnostic method 1

Poster 45

16 : 00～16 : 30 Moderator : M. Yoshimoto

Coservative treatment/Diagnostic method 2

Poster 46

15 : 30～15 : 55 Moderator : A. Tagami

Pain

Poster 47

16 : 00～16 : 30 Moderator : K. Sato

Ossification of spinal ligament 1