

CLINICAL ORTHOPAEDIC SURGERY

Vol. 54

No. 4

APRIL 2019

Chief Editor Hiroyuki TSUCHIYA

Editorial Board

Fuminori KANAYA, Ryosuke KURODA, Hisateru NIKI, Morio MATSUMOTO,
Yukihiro MATSUYAMA, Takuaki YAMAMOTO, Hideki YOSHIKAWA

CONTENTS

SYMPOSIUM Spinal Surgery in Super-aging Society

- Preface *Hiroshi YAMADA* • 336
- Adult Spinal Deformity with Lumbar Spinal Stenosis *Yukihiro NAKAGAWA* • 337
- Adult Spine Deformity Without Lumbar Spinal Canal Stenosis *Takanori SAITOU* • 343
- Spinal Instrumentation Surgery for Osteoporotic Vertebral Fractures *Hidetomi TERAJ* • 351
- Clinical Outcome of Total En Bloc Spondylectomy for Spinal Metastases in Elderly Patients
..... *Noritaka YONEZAWA, et al* • 361
- Spine and Spinal Cord Injury with Ankylosing Spinal Disorders *Yasuo ITO, et al* • 367
- Surgical Treatment for Spinal Cord Injury without Bony Injury *Kota SUDA, et al* • 375

LECTURE

- For Early Diagnosis of Amyotrophic Lateral Sclerosis in Orthopaedic Clinics
..... *Osamu ONODERA* • 381

CLINICAL EXPERIENCE

- Infection after Plated Anterior Cervical Fusion Surgery *Seiichi ODATE, et al* • 413

CASE REPORTS

- The Post-Traumatic Proximal Radioulnar Synostosis Due to Heterotopic Ossification
of the Annular Ligament : Case Report *Yusuke KIDO, et al* • 419
- Malignant Peripheral Nerve Sheath Tumor (MPNST) in the Upper Cervical Spine
Successfully Treated with Surgical Resection and Proton Beam Therapy : Case Report
..... *Akari SAKAUE, et al* • 425