

## 雑誌（英文）

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Taniyama T, Hirai T, Yoshii T, Yamada T, Yasuda H, Saito M, Inose H, Kato T, Kawabata S, Okawa A.	Modified K-line in magnetic resonance imaging predicts clinical outcome in patients with nonlordotic alignment after laminoplasty for cervical spondylotic myelopathy.	Spine	39(21)	E1261-8	2014
Nakajima M, Takahashi A, Tsuji T, Karasugi T, Baba H, Uchida K, Kawabata S, Okawa A, Shindo S, Takeuchi K, Taniguchi Y, Maeda S, Kashii M, Seichi A, Nakajima H, Kawaguchi Y, Fujibayashi S, Takahata M, Tanaka T, Watanabe K, Kida K, Kanchiku T, Ito Z, Mori K, Kaito T, Kobayashi S, Yamada K, Takahashi M, Chiba K, Matsumoto M, Furukawa K, Kubo M, Toyama Y; Genetic Study Group of Investigation Committee on Ossification of the Spinal Ligaments, Ikegawa S.	A genome-wide association study identifies susceptibility loci for ossification of the posterior longitudinal ligament of the spine.	Nat Genet.	46(9)	1012-6.	2014

Yoshii T, Yamada T, Hirai T, Taniyama T, Kato T, Enomoto M, Inose H, Sumiya S, Kawabata S, Shinomiya K, Okawa A.	Dynamic changes in spinal cord compression by cervical ossification of the posterior longitudinal ligament evaluated by kinematic computed tomography myelography.	Spine	39(2)	113-9	2014
Fujimori T, Iwasaki M, Okuda S, Takenaka S, Kashii M, Kaito T, Yoshikawa H.	Long-Term Results of Cervical Myelopathy Due to Ossification of the Posterior Longitudinal Ligament With an Occupying Ratio of 60% or More	Spine	39(1)	58-67	2014
Uchida K, Nakajima H, Guerrero AR, Johnson WE, Masri WE, Baba H.	Gene therapy strategies for the treatment of spinal cord injury.	Ther Deliv	5 (5)	591-607	2014
Uchida K, Nakajima H, Takeura N, Yayama T, Guerrero AR, Yoshida A, Sakamoto T, Honjoh K, Baba H.	Prognostic value of changes in spinal cord signal intensity on magnetic resonance imaging in patients with cervical compressive myelopathy.	Spine J	14 (8)	1601-1610	2014
Kobayashi S, Matsuyama Y, Shinomiya K, Kawabata S, Andou M, Kanchiku T, Saitou T, Takahashi M, Ito Z, Muramoto A, Fujiwara Y, Kida K, Yamamoto K, Wada K, Yamamoto N, Satomi K, Tani T	A new alarm point of transcranial electrical stimulation motor evoked potentials for intraoperative spinal cord monitoring: a prospective multicenter study from the Spinal Cord Monitoring Working Group of the Japanese Society for Spine Surgery and Related Reserch	J Neurosurg Spine	20(1)	102-107	2014

Kawaguchi Y, Izumi T, Iwasaki M, Okawa A, Matsunaga S, Matsu moto M, Chiba K, Tsuji T, Yamazaki M, Yoshii T, Toyama Y	New classification of ossification of the posterior longitudinal ligament using CT images	J Orthop S	19(4)	530-6	2014
Kawaguchi Y, Nakano M, Yasuda T, Seki S, Hori T, Kimura T	Anterior decompressive surgery after cervical laminoplasty in patients with ossification of the posterior longitudinal ligament.	Spine J	14(6)	955-63	2014
Takahashi H, Aoki Y, Kanajima A, Sonobe M, Terajima F, Saito M, Taniguchi S, Yamada M, Watanabe F, Furuya T, Koda M, Yamazaki M, Takahashi K, Nakagawa K	Phosphorylated neurofilament subunit NF-H becomes elevated in the cerebrospinal fluid of patients with acutely worsening symptoms of compression myelopathy	J Clin Neurosci	21(12)	2175-8	2014
Koda M, Furuya T, Kato K, Mannoji C, Hashimoto M, Inada T, Kamiya K, Ota M, Maki S, Okawa A, Takahashi K, Ishikawa T, Yamazaki M	Delayed granulocyte colony-stimulating factor treatment in rats attenuated mechanical allodynia induced by chronic constriction injury of the sciatic nerve	Spine	39(3)	192-197	2014

Inada T, Takahashi H, Yamazaki M, Okawa A, Sakuma T, Kato K, Hashimoto M, Hayashi K, Furuya T, Fujiyoshi T, Kawabe J, Mannoji C, Miyashita T, Kadota R, Someya Y, Ikeda O, Hashimoto M, Suda K, Kajino T, Ueda H, Ito Y, Ueta T, Hanaoka H, Takahashi K, Koda M	Multicenter prospective non-randomized controlled clinical trial to prove neurotherapeutic effects of granulocyte colony-stimulating factor for acute spinal cord injury: analyses of follow-up cases after at least 1 year	Spine	39(3)	213-219	2014
Mannoji C, Koda M, Furuya T, Okamoto Y, Kon T, Takahashi K, Yamazaki M, Murakami M	Radiograms obtained during anterior cervical decompression and fusion can mislead surgeons into performing surgery at the wrong level	Case Rep. Orthop	20	398457	2014
Koda M, Furuya T, Kato K	Delayed G-CSF treatment in rats attenuates mechanical allodynia induced by chronic constriction injury of the sciatic nerve.	Spine	39	192-197	2014
Mannoji C, Koda M, Dezawa M, Hashimoto M, Furuya T, Okawa A, Takahashi K, Yamazaki M	Transplantation of human bone marrow stromal cell-derived neuroregenerative cells promotes functional recovery after spinal cord injury in mice	Acta Neurobiol. Exp	74	479-488	2014
Mori K, Imai S, Kasahara T, Nishizawa K, Mimura T, Matsusue Y.	Prevalence, Distribution, and Morphology of Thoracic Ossification of the Posterior Longitudinal Ligament in Japanese: Results of CT-Based Cross-sectional Study.	Spine (Phila Pa 1976)	39(5)	394-9	2014

Katsumi K, Yamazaki A, Watanabe K, Hirano T, Ohashi M, Endo N	The characteristic clinical symptoms of C-4 radiculopathy caused by ossification of the posterior longitudinal ligament Case report	J Neurosurg	20	480-484	2014
Yamaya S, Ozawa H, et al.	Low-energy extracorporeal shock wave therapy promotes vascular endothelial growth factor expression and improves locomotor recovery after spinal cord injury.	J Neurosurg	121	1514-25	2014
Kanno H, et al	Combination of engineered Schwann cell grafts to secrete neurotrophin and chondroitinase promotes axonal regeneration and locomotion after spinal cord injury.	J Neurosci	34	1838-55	2014
Kimura H, Fujibayashi S, Takemoto M, Otsuki B, Matsuda S.	Spontaneous reduction in ossification of the posterior longitudinal ligament of the thoracic spine after posterior spinal fusion without decompression: a case report.	Spine	15;39(6)	E417-419	2014
Hoover-Fong J, Sobreira N, Jurgens J, Modaff P, Blout C, Moser A, Kim OH, Cho TJ, Cho SY, Kim SJ, Jin DK, Kitoh H, Park WY, Ling H, Hetrick KN, Doheny KF, Valle D, Pauli RM	Mutations in PCYT1A, encoding a key regulator of phosphatidylcholine metabolism, cause spondylometaphyseal dysplasia with cone-rod dystrophy	Am J Hum Genet	94	105-112	2014
Matsushita M, Kitoh H, Kaneko H, Mishima K, Kitoh Y, Tokita Y, Ishiguro N	A novel in-frame deletion of the <i>RUNX2</i> gene causes a classic form of cleidocranial dysplasia	J Bone Miner Metab	32	96-99	2014
Matsushita M, Kitoh H, Michigami T, Tachikawa K, Kaneko H, Mishima K, Ishiguro N	Benign prenatal hypophosphatasia: a treatable disease not to be missed	Ped Radiol	44	340-343	2014

Okabe YT, Kondo T, Mishima K, Hayase Y, Kato K, Mizuno M, Ishiguro N, Kitoh H	Biodistribution of locally or systemically transplanted osteoblast-like cells	Bone Joint Res	3	76-81	2014
Mishima K, Kitoh H, Haga N, Nakashima Y, Kamizono J, Katagiri T, Susami T, Matsushita M, Ishiguro N	Radiographic characteristics of the hand and cervical spine in fibrodysplasia ossificans progressiva	Intractable Rare Diseases Res	3	46-51	2014
Matsushita M, Kitoh H, Mishima K, Nishida Y, Ishiguro N	A case of severe proximal focal femoral deficiency with overlapping phenotypes of Al-Awadi-Raas-Rothschild syndrome and Fuhrmann syndrome	Ped Radiol	44	1617-1619	2014
Kitoh H, Kaneko H, Mishima K, Matsushita M, Kadono I, Nishida Y, Ishiguro N	Early and late fracture following extensive limb lengthening in achondroplasia and hypochondroplasia	Bone Joint J	96	1269-1273	2014
Kaneko H, Kitoh H, Mishima K, Matsushita M, Kadono I, Naoki Ishiguro, Hattori T	Factors associated with an unfavourable outcome after Salter innominate osteotomy in patients with unilateral developmental dysplasia of the hip: Does occult dysplasia of the contralateral hip affect the outcome?	Bone Joint J	96	1419-1423	2014
Kumagai G, Ishibashi Y	Association between roentgenographic findings of the cervical spine and neck symptoms in a Japanese community population	J Orthop Sci	19	390-397	2014
Sasaki E, Ishibashi Y	Prevalence and symptom of ossification of posterior longitudinal ligaments in the Japanese general population	J Orthop Sci	19	405-411	2014
Funaba M, Kanchiku T, Imajo Y, Suzuki H, Yoshida Y, Taguchi T	Preoperative diagnosis of the responsible level in CCM using CMAPs: comparison with SCEPs	Spinal Cord	52(3)	191-6	2014

Kanchiku T, Imajo Y, Suzuki H, Yoshida Y, Nishida N, Taguchi T.	Results of surgical treatment of cervical spondylotic myelopathy in patients aged 75 years or more: a comparative study of operative methods	Arch Orthop Trauma Surg	134(8)	1045-50	2014
Nishida N, Kanchiku T, Kato Y, Imajo Y, Yoshida Y, Kawano S, Taguchi T.	Biomechanical analysis of cervical myelopathy due to ossification of the posterior longitudinal ligament: Effects of posterior decompression and kyphosis following decompression.	Exp Ther Med	7(5)	1095-1099	2014
Fujimori T, Le H, Hu SS, Chin C, Pakmezci M, Schairer W, Taylor BK, Hamasaki T, Yoshikawa H, Iwasaki M.	Ossification of the Posterior Longitudinal Ligament of the Cervical Spine in 3161 Patients	Spine	40(7)	E394-E403	2015
Maeno T, Okuda S, Yamashita T, Matsumoto T, Yamazaki R, Oda T, Iwasaki M.	Age-Related Surgical Outcomes of Laminoplasty for Cervical Spondylotic Myelopathy	Global Spine J	5(2)	118-123	2015
Watanabe S, Uchida K, Nakajima H, et al.	Early transplantation of mesenchymal stem cells after spinal cord injury relieves pain hypersensitivity through suppression of pain-related signaling cascades and reduced inflammatory cell recruitment.	Stem Cells	33 (6)	1902-1914	2015
Kawaguchi Y	Operative strategy and underlying biomechanical principles in management of ossification of the posterior longitudinal ligament (OPLL).	J Spine Res	6(5)	877-85	2015
Koda M, Mannoji C, Inada T, Kamiya K, Ota M, Maki S, Takahashi K, Yamazaki M, Aramomi M, Ikeda O, Furuya T	Neurological deterioration induced by sitting in patients after cervicothoracic posterior decompression with instrumented fusion surgery for ossification of the longitudinal ligament: two cases reports	BMC Res. Notes	8	133	2015

Kamiya K, Koda M, Furuya T, Kato K, Takahashi H, Sakuma T, Inada T, Ota M, Maki S, Okawa A, Ito Y, Takahashi K, Yamazaki M	Neuroprotective therapy with granulocyte colony-stimulating factor in acute spinal cord injury: a comparison with high-dose methylprednisolone as a historical control	Eur Spine J	24	963-967	2015
Koda M, Furuya T, Okawa A, Aramomi M, Inada T, Kamiya K, Ota M, Maki S, Ikeda O, Takahashi K, Yamazaki M, Mannoji C	Bone union and remodeling of disruption in thoracic ossification of the longitudinal ligament after posterior decompression and fusion surgery	Eur Spine J	24	2555-2559	2015
Kato K, Koda M, Takahashi H, Sakuma T, Inada T, Kamiya K, Ota M, Maki S, Okawa A, Takahashi K, Yamazaki M, Aramomi M, Hashimoto M, Ikeda O, Mannoji C, Furuya T	Granulocyte colony-stimulating factor attenuates spinal cord injury-induced mechanical allodynia in adult rats	J. Neurol. Sci	335	79-83	2015
Kimura A et al.	Impact of Axial Neck Pain on Quality of Life After Lamin oplasty	Spine	40	E1292-8	2015
Imagama S	Dynamic changes in the spina l cord cross-sectional area in patients with myelopathy due to cervical ossification of posterior longitudinal l igament.	Spine J.	15	461-466	2015



Yamada K., Matsuyama Y., Kobayashi S, Shinomiya K., Kawabata S., Ando M., Kanchiku T., Saito T., Takahashi M., Ito Z, Muramoto A., Fujiwara Y., Kida K, Wada K., Yamamoto N., Satomi K, Tani T.	Evaluation of the Alarm Criteria for Transcranial Electrical Stimulation Muscle Evoked Potential in Spinal Deformity Surgery: Multi-institution Survey by the Spinal Cord Monitoring Committee of the Japanese Society for Spine Surgery and Related Research.	Journal of Spine Research	6(9)	1354-1362	2015
Ito, Z., Imagama, S., Ando, K., Muramoto, A., Kobayashi, K., Hida, T., Matsuyama Y., Tanaka, S.	Variety of the Wave Change in Compound Muscle Action Potential in an Animal Model.	Asian spine journal	9(6)	952-957	2015
Nakahara Y, Suzuki R, Katagiri T, Toguchida J, Haga N	Phenotypic differences of patients with fibrodysplasia ossificans progressive due to p.Arg258Ser variants of ACVR1.	Human Genome Variation	2	15055	2015
Mori K, Imai S, Nishizawa K, Matsusue Y.	Cervical myelopathy due to calcification of the posterior atlantoaxial membrane associated with general articular deposition of calcium pyrophosphate dehydrate. A case report and review of the literature.	<i>J Orthop Sci.</i>	20(6)	1136-41	2015
Kanno H et al.	Upregulation of the receptor-interacting protein-3 expression and involvement in neural tissue damage after spinal cord injury in mice.	BMC Neurosci	16	62	2015
Nakamura T	Tumor-induced osteomalacia caused by phosphaturic mesenchymal tumor of the cervical spine.	J Orthop Sci	20	765-771	2015

Kato S, Murakami H, Demura S, et al.	Gradual spinal cord decompression through migration of floated plaques after anterior decompression via a posterolateral approach for OPLL in the thoracic spine	J Neurosurg Spine	23(4)	479-483	2015
Endo K. et al	Relationship among cervical, thoracic, and lumbopelvic sagittal alignment in healthy adults	J.Orthop.Surg	24	92-96	2015
Nishimura H, et al	Gait analysis in CSM	Asian spine J	9	321-326	2015
Matsushita M, Kitoh H, Subasinglu A, Colak F K, Dundar M, Mishima K, Nishida Y, Ishiguro N	A glutamine repeat variant of the RUNX2 gene causes cleidocranial dysplasia	Mol Syndromol	6	50-53	2015
Olney RC, Prickett TCR, Espinosa EA, Mackenzie WG, Duker A, D'Antonio C, Zabel B, Hasegawa T, Kitoh H, Aylsworth AS, Bober MB	C-type natriuretic peptide (CNP) plasma levels are elevated in subjects with achondroplasia, hypochondroplasia, and thanatophoric dysplasia	J Clin Endocrinol Metab	100	355-359	2015
Matsushita M, Hasegawa S, Kitoh H, Mori K, Ohkawara B, Yasuda A, Masuda A, Ishiguro N, Ohno K	Meclozine promotes longitudinal skeletal growth in transgenic mice with achondroplasia carrying a gain-of-function mutation in the FGFR3 gene	Endocrinology	156	548-554	2015
Mishima K, Kitoh H, Kadono I, Matsushita M, Sugiura H, Hasegawa S, Kitamura A, Nishida Y, Ishiguro N	Prediction of clinically significant leg-length discrepancy in congenital disorders	Orthopedic	38	919-924	2015
Mishima K, Kitoh H, Ohkawara B, Okuno T, Ito M, Masuda A, Ishiguro N, Ohno K	Lansoprazole upregulates polyubiquitination of TRAF6 and facilitates Runx2-mediated osteoblastogenesis	EBioMedicine	2	2046-2061	2015

Kagotani R, Yoshida M, Muraki S, Oka H, Hashizume H, Yamada H, Enyo Y, Nagata K, Ishimoto Y, Teraguchi M, Tanaka S, Nakamura K, Kawaguchi H, Akune T, Yoshimura N	Prevalence of diffuse idiopathic skeletal hyperostosis (DISH) of the whole spine and its association with lumbar spondylosis and knee osteoarthritis: the ROAD study.	J Bone Miner Metab	Mar;33(2)	221-9	2015
Imajo Y, Taguchi T, Yone K, Okawa A, Otani K, Ogata T, Ozawa H, Shimada Y, Neo M, Iguchi T.	Japanese 2011 nationwide survey on complications from spine surgery.	J Orthop Scie	20	38-54	2015
Suzuki H, Kanchiku T, Imajo Y, Yoshida Y, Nishida N, Gondo T, Yoshii S, Taguchi T.	Artificial collagen-filament scaffold promotes axon regeneration and long tract reconstruction in a rat model of spinal cord transection.	Med Mol Morphol.	48(4)	214-24	2015
Nishida N, Kanchiku T, Kato Y, Imajo Y, Yoshida Y, Kawano S, Taguchi T.	Cervical ossification of the posterior longitudinal ligament: Biomechanical analysis of the influence of static and dynamic factors.	J Spinal Cord Med.	38(5)	593-8	2015
Kanchiku T, Suzuki H, Imajo Y, Yoshida Y, Moriya A, Suetomi Y, Nishida N, Takahashi Y, Taguchi T	The efficacy of neuromuscular electrical stimulation with alternating currents in the kilohertz frequency to stimulate gait rhythm in rats following spinal cord injury	Bioned Eng Online	14 ( 1 )	98	2015
Chagawa K, Nishijika S, Kanchiku T, Imajo Y, Suzuki H, Yosida Y, Taguchi T	Normal Values of Diffusion Tensor Magnetic Resonance Imaging Parameters in the Cervical Spinal Cord	Asian Spine J	9(4)	541-547	2015

Mori K, Yoshii T, Hirai T, Iwanami A, Takeuchi K, Yamada T, Seki S, Tsuji T, Fujiyoshi K, Furukawa M, Nishimura S, Wada K, Koda M, Furuya T, Matsuyama Y, Hasegawa T, Takeshita K, Kimura A, Abematsu M, Haro H, Ohba T, Watanabe M, Katoh H, Watanabe K, Ozawa H, Kanno H, Imagama S, Ito Z, Fujibayashi S, Yamazaki M, Matsumoto M, Nakamura M, Okawa A, Kawaguchi Y.	Prevalence and distribution of ossification of the supraspinous/interspinous ligaments in symptomatic patients with cervical ossification of the posterior longitudinal ligament of the spine: a CT-based multicenter cross-sectional study.	BMC Musculoskeletal Disord.	17(1)	492	2016
Inose H, Yamada T, Mulati M, Hirai T, Ushio S, Yoshii T, Kato T, Kawabata S, Okawa A.	Bone Turnover Markers as a New Predicting Factor for Non-union After Spinal Fusion Surgery.	Spine	<i>In press</i>		2016
Yoshii T, Sakai K, Hirai T, Yamada T, Inose H, Kato T, Enomoto M, Tomizawa S, Kawabata S, Arai Y, Okawa A	Anterior decompression with fusion versus posterior decompression with fusion for massive cervical ossification of the posterior longitudinal ligament with a $\geq 50\%$ canal occupying ratio: a multicenter retrospective study.	Spine J.	16(11)	1351-1357	2016
Hirai T, Yoshii T, Iwanami A, Takeuchi K, Mori K, Yamada T, Wada K, Koda M, Matsuyama Y, Takeshita K, Abematsu M, Haro H, Watanabe M, Watanabe K, Ozawa H, Kanno H, Imagama S, Fujibayashi S, Yamazaki M, Matsumoto M, Nakamura M, Okawa A, Kawaguchi Y.	Prevalence and Distribution of Ossified Lesions in the Whole Spine of Patients with Cervical Ossification of the Posterior Longitudinal Ligament A Multicenter Study (JO SL CT study).	PLoS One.	11(8)	e0160117	2016

Yoshii T, Hirai T, Sakai K, Inose H, Kato T, Okawa A.	Cervical pedicle screw placement using intraoperative computed tomography imaging with a mobile scanner gantry.	Eur Spine J	25(6)	1690-7	2016
Sakai K, Yoshii T, Hirai T, Arai Y, Torigoe I, Tomori M, Sato H, Okawa A.	Cervical Sagittal Imbalance is a Predictor of Kyphotic Deformity After Laminoplasty in Cervical Spondylotic Myelopathy Patients Without Preoperative Kyphotic Alignment.	Spine	Feb;41(4)	299-305	2016
Kashii M, Matsuo Y, Sugiura T, Fujimori T, Nagamoto Y, Makino T, Kaito T, Ebina K, Iwasaki M, Yoshikawa H.	Circulating sclerostin and dickkopf-1 levels in ossification of the posterior longitudinal ligament of the spine	J Bone Miner Metab	34(3)	315-324	2016
Kawaguchi Y, Nakano M, Yasuda T, Seki S, Horii T, Suzuki K, Makino H, Kimura T	Characteristics of ossification of the spinal ligament; incidence of ossification of the ligamentum flavum in patients with cervical ossification of the posterior longitudinal ligament - Analysis of the whole spine using multidetector CT -	J Orthop Sci	21(4)	439-45	2016
Takahashi H, Koda M, Hashimoto M, Furuya T, Sakuma T, Kato K, Okawa A, Inada T, Kamiya K, Ota M, Maki S, Takahashi K, Yamazaki M, Mannoji C	Transplanted peripheral blood stem cells mobilized by granulocyte colony-stimulating factor promoted hindlimb functional recovery after spinal cord injury in mice	Cell Transplant	25	283-292	2016
Maki S, Aramomi M, Matsuura Y, Furuya T, Ota M, Iijima Y, Saito J, Suzuki T, Mannoji C, Takahashi K, Yamazaki M, Kodama M	Paravertebral foramen screw fixation for posterior cervical spine fusion: biomechanical study and description of a novel technique	J Neurosurg Spine	<i>in press</i>		2016

Maki S, Koda M, Ota M, et al.	Reduced field-of-view diffusion tensor imaging of the spinal cord shows motor dysfunction of the lower extremities in patients with cervical compression myelopathy.	Spine	<i>in press</i>		2016
Fujii K, Abe T, Kubota S, Marushima A, Kawamoto H, Ueno T, Matsushita A, Nakai K, Saotome K, Kadone H, Endo A, Haginoya A, Hada Y, Matsumura A, Sankai Y, Yamazaki M	The voluntary driven exoskeleton Hybrid Assistive Limb (HAL) for postoperative training of thoracic ossification of the posterior longitudinal ligament: a case report	J Spinal Cord Med	9	1-7	2016
Kubota S, Fujii K, Marushima A, Ueno T, Haginoya A, Endo A, Kadone H, Kawamoto H, Shimizu Y, Hada Y, Matsumura A, Sankai Y, Yamazaki M	Improvement of walking ability using Hybrid Assistive Limb training in a patient with severe thoracic myelopathy caused by ossification of the posterior longitudinal ligament. A case report	J Spine	S7	003	2016
Ikumi A, Kubota S, Shimizu Y, Kadone H, Marushima A, Ueno T, Kawamoto H, Hada Y, Matsumura A, Sankai Y, Yamazaki M	Decrease of spasticity after hybrid assistive limb® training for a patient with C4 quadriplegia due to chronic SCI	J Spinal Cord Med	20	1-6	2016
Koda M, Furuya T, Rokkaku T, Murakami M, Ijima Y, Saito J, Kitamura M, Ohtori S, Orita S, Inage K, Yamazaki M, Mannoji C	Drop finger caused by 8th cervical nerve root impairment: a clinical case series	Eur Spine J	[Epub ahead of print]		2016

Maki S, Koda M, Saito J, Takahashi S, Inada T, Kamiya K, Ota M, Iijima Y, Masuda Y, Matsumoto K, Kojima M, Takahashi K, Obata T, Yamazaki M, Furuya T	Tract-specific diffusion tensor imaging reveals laterality of neurological symptoms in patients with cervical compression myelopathy	World Neurosurg	96	184-190	2016
Saito J, Maki S, Kamiya K, Furuya T, Inada T, Ota M, Iijima Y, Takahashi K, Yamazaki M, Aramomi M, Mannoji C, Koda M	Outcome of posterior decompression with instrumented fusion surgery for K-line (-) cervical ossification of the longitudinal ligament	J Clin Neurosci	32	57-60	2016
Ota M, Furuya T, Maki S, Inada T, Kamiya K, Iijima Y, Saito J, Takahashi K, Yamazaki M, Aramomi M, Mannoji C, Koda M	Addition of instrumented fusion after posterior decompression surgery suppresses thickening of ossification of the posterior longitudinal ligament of the cervical spine	J Clin Neurosci	34	162-165	2016
Koda M, Furuya T, Kinoshita T, Miyashita T, Ota M, Maki S, Iijima Y, Saito J, Takahashi K, Yamazaki M, Aramomi M, Mannoji C	Dropped head syndrome after cervical laminoplasty: A case control study	J Clin Neurosci	32	88-90	2016
Koda M, Mochizuki M, Konishi H, Aiba A, Kadota R, Inada T, Kamiya K, Ota M, Maki S, Takahashi K, Yamazaki M, Mannoji C, Furuya T	Comparison of clinical outcomes between laminoplasty, posterior decompression with instrumented fusion, and anterior decompression with fusion for K-line (-) cervical ossification of the posterior longitudinal ligament	Eur Spine J	25	2294-2301	2016

Maki S, Koda M, Iijima Y, Furuya T, Inada T, Kamiya K, Ota M, Saito J, Okawa A, Takahashi K, Yamazaki M	Medially-shifted rather than high-riding vertebral arteries preclude safe pedicle screw insertion	J Clin Neurosci	29	169-172	2016
Koda M, Furuya T, Okawa A, Inada T, Kamiya K, Ota M, Maki S, Takahashi K, Yamazaki M, Aramomi M, Ikeda O, Mannoji C	Mid- to long-term outcomes of posterior decompression with instrumented fusion for thoracic ossification of the posterior longitudinal ligament	J Clin Neurosci	27	87-90	2016
Ito Z, Matsuyama Y, Ando M, Kawabata S, Kanchiku T, Kida K, Fujiwara Y, Yamada K, Yamamoto N, Kobayashi S, Saito T, Wada K, Tadokoro N, Takahashi M, Satomi K, Shinomiya K, Tani T	Postoperative Paralysis from Thoracic Ossification of Posterior Longitudinal Ligament (OPLL) Surgery-Risk factor of Neurologic Injury: Nationwide Multi-Institution Survey	Spine	41(19):	E1159-E1163	2016
Katsumi K, Izumi T, Ito T, Hirano T, Watanabe K, Ohashi M.	Posterior instrumented fusion suppresses the progression of ossification of the posterior longitudinal ligament: A comparison of laminoplasty with and without instrumented fusion by 3-dimensional analysis.	European Spine Journal	25(5)	1634-1640	2016
Ito Z, Matsuyama Y, Ando M, Kawabata S, Kanchiku T, Kida K, Fujiwara Y, Yamada K, Yamamoto N, Kobayashi S, Saito T, Wada K, Satomi K, Shinomiya K, Tani T	A Multicenter Study by the Monitoring Committee of the Japanese Society for Spine Surgery and Related Research.	Global Spine J	6(3)	234-241	2016



Aizawa T et al.	Increasing Incidence of Degenerative Spinal Diseases in Japan during 25 Years: The Registration System of Spinal Surgery in Tohoku University Spine Society.	Tohoku J Exp Med	238	153-63	2016
Yahata K et al.	Low-energy extracorporeal shock wave therapy for promotion of vascular endothelial growth factor expression and angiogenesis and improvement of locomotor and sensory functions after spinal cord injury.	J Neurosurg Spine	25	745-55	2016
Shibata A, Machida J, Yamaguchi S, Kimura M, Tatematsu T, Miyachi H, Matsushita M, Kitoh H, Ishiguro N, Nakayama A, Higashi Y, Shimozato K, Tokita Y	Characterization of novel Runx2 mutation with alanine tract expansion from Japanese cleidocranial dysplasia patient	Mutagenesis	31	61-67	2016
Hasegawa S, Kitoh H, Ohkawara B, Mishima K, Matsushita M, Matsuda A, Ishiguro N, Ohno K	Tranilast stimulates endochondral ossification by upregulating SOX9 and RUNX2 promoters	Biochem Biophys Res Commun	470	356-361	2016
Sugiura K, Ohno A, Kono M, Kitoh H, Itomi K, Akiyama M	Hyperpigmentation over the metacarpophalangeal joints the malleoli in a case of hyaline fibromatosis syndrome with ANTXR2 mutations	J Eur Acad Dermatol Venereol	30	44-46	2016
Matsushita M, Kitoh H, Mishima K, Kadono I, Sugiura H, Hasegawa S, Nishida Y, Ishiguro N	Low bone mineral density in achondroplasia and hypochondroplasia	Pediatr Int	58	705-708	2016
Hasegawa S, Victoria T, Kayserili H, Zackai E, Nishimura G, Haga N, Nakashima Y, Miyazaki O, Kitoh H	Characteristic calcaneal ossification: an additional early radiographic finding in infants with fibrodysplasia ossificans progressiva	Ped Radiol	46(11)	1568-1572	2016

Melovitz-Vasan C, Kitoh H, Vasan N	A rare case of femoral hypoplasia (proximal focal femoral deficiency) with overlapping phenotype of mullerian duct syndrome (Mayer-Rokitansky-Hauser syndrome)	Int J Anat Res	4	3312-3316	2016
Ohya J, Oshima Y, Oka H, Saiki F, Taniguchi Y, Matsubayashi Y, Tanaka S, Chikuda H, Takeshita K	Patient Satisfaction with Posterior Decompression Surgery for Cervical Ossification of the Posterior Longitudinal Ligament: Prognostic Radiographic Factors and Patient-Reported Outcomes for the Effectiveness of Surgical Treatment.	World Neurosurgery	96	272-279	2016
Imajo Y, Kanchiku T, Suzuki H, Yoshida Y, Nishida N, Goto H, Suzuki M, Taguchi T	Intracranial epidural hemorrhage during lumbar spinal surgery	Spinal Cord Ser Cases	7(2)	15040	2016
Funaba M, Kanchiku T, Imajo Y, Yamamoto H, Hirura Y, Fujimoto K, Taguchi T, Kido K	Relation between distal motor latency delay and sensory action potential absence of the median nerve in carpal tunnel syndrome	Clin Neurological Neurosurgery	148	45-48	2016
Kanchiku T, Imajo Y, Suzuki H, Yoshida Y, Akashi K, Taguchi T	Correlation Between Spinal Cord Function Assessed by Intraoperative SCEPs and Morphology of the Compressed Spinal Cord on MRI	Clin Spine Surg	29(10)	E496-E501	2016
Suetomi Y, Kanchiku T, Nishijima S, Imajo Y, Suzuki H, Yoshida Y, Nishida N, Taguchi T	Application of diffusion tensor imaging for the diagnosis of segmental level of dysfunction in cervical spondylotic myelopathy	Spinal Cord	54(5)	390-5	2016
Ito Z, Matsuyama Y, Ando M, Kawabata S, Kanchiku T, Kida K, Fujiwara Y, Yamada K, Yamamoto N, Kobayashi S, Saito T, Wada K, Tadokoro N, Takahashi M, Satomi K, Shinomiya K, Tani T.	Postoperative paralysis from thoracic ossification of posterior longitudinal ligament surgery risk factor of neurologic injury: Nationwide multi-institutional survey.	Spine	41	E1159-E1163.	2016

Fujiwara H, Makino T, Yonenobu K, Honda H, Kaito T	Correlations and time-dependent changes of upper arm performance tests, the Japanese Orthopaedic Association score, and a newly developed patient-based outcome measure : the Japanese Orthopaedic Cervical Myelopathy Questionnaire.	Bone Joint J.	98-B(7)	990-996	2016
Yoshii T, Hirai T, Yamada T, Inose H, Kato T, Sakai K, Enomoto M, Kawabata S, Arai Y, Okawa A	Intraoperative evaluation using mobile computed tomography in anterior cervical decompression with floating method for massive ossification of the posterior longitudinal ligament.	J Orthop Surg Res.	12(1)	12	2017
Kawaguchi Y, Nakano M, Yasuda T, Seki S, Hori T, Suzuki K, Makino H, Kitazima I, Kimura T	Serum biomarkers in patients with ossification of the posterior longitudinal ligament (OPLL):-inflammation in OPLL-	PLoS One	12(5)	e0174881	2017
Shimizu Y, Kadone H, Kubota S, Ikumi A, Abe T, Marushima A, Ueno T, Endo A, Kawamoto H, Saotome K, Matsushita A, Matsumura A, Sankai Y, Hada Y, Yamazaki M	Active elbow flexion is possible in C4 quadriplegia using hybrid assistive limb (HAL®) technology: A case study	J Spinal Cord Med	29	1-7	2017
Kubota S, Abe T, Kadone H, Fujii K, Shimizu Y, Marushima A, Ueno T, Kawamoto H, Hada Y, Matsumura A, Sankai Y, Yamazaki M	Walking ability following Hybrid Assistive Limb treatment for a patient with chronic myelopathy after surgery for cervical ossification of the posterior longitudinal ligament	J Spinal Cord Med	<i>in press</i>		2017

Kimura A et al	"Fall-related deterioration of subjective symptoms in patients with cervical myelopathy."	Spine	42	E398-E403.	2017
Mori K, Kasahara T, Mimura T, Nishizawa K, Nakamura A, Imai S.	Prevalence of thoracic diffuse idiopathic skeletal hyperostosis (DISH) in Japanese: Results of chest CT-based cross-sectional study.	J Orthop Sci.	22(1)	38-42	2017
Matsushita M, Mitsuhashi K, Esaki R, Ishiguro N, Ohno K, Kitoh H	Maternal administration of methylglucosamine for the treatment of foramen magnum stenosis in transgenic mice with achondroplasia	J Neurosurg Pediatr	19	91-95	2017
Imajo Y, Kanchiku T, Suzuki H, Yoshida Y, Funaba M, Nishida N, Fujimoto K, Taguchi T	Effects of differences in age and body height on normal values of central motor conduction time determined by F-waves	J Spinal Cord Med	40(2)	181-187	2017
Nishida N, Kanchiku T, Kato Y, Imajo Y, Suzuki H, Yoshida Y, Ohgi J, Chen X, Taguchi T	Cervical ossification of the posterior longitudinal ligament: factors affecting the effect of posterior decompression	J Spinal Cord Med	40(1)	93-99	2017
Kimura A, Seichi A, Takeshita K, Inoue H, Kato T, Yoshii T, Furuya T, Kodama M, Takeuchi K, Matsunaga S, Seki S, Ishikawa Y, Imagama S, Yamazaki M, Mori K, Kawasaki Y, Fujita K, Endo K, Sato K, Okawa A.	Fall-related Deterioration of Subjective Symptoms in Patients with Cervical Myelopathy.	Spine	42(7)	E398-E403	2017
Yoshii T, Hirai T, Sakai K, Sotome S, Enomoto M, Yamada T, Inose H, Kato T, Kawabata S, Okawa A.	Anterior Cervical Corpectomy and Fusion Using a Synthetic Hydroxyapatite Graft for Ossification of the Posterior Longitudinal Ligament.	Orthopedic Sci	40(2)	E334-E339	2017