

Title	Author	Journal	Volume	Number	Page	Year
Conservative Treatment for Bony Healing in Pediatric Lumbar Spondylosis.	Sakai T, Tezuka F, Yamashita K, Takata Y, Higashino K, Nagamachi A, Sairyo K.	Spine (Phila Pa 1976).	42	12	E716–720	2017 Jun 15
Rehydration of a degenerated disc on MRI synchronized with transition of Modic changes following stand-alone XLIF : A case report.	Kita K, Sakai T, Abe M, Takata Y, Sairyo K.	Eur Spine J.	26	3	626–631	2017
Answer to the Letter to the Editor of C. Birkenmaier concerning "Rehydration of a degenerated disc on MRI synchronized with transition of Modic changes following stand-alone XLIF" by K. Kita, T. Sakai, M. Abe, Y. Takata and K. Sairyo	Sakai T, Sairyo K.	Eur Spine J.	26	6	1790–1791	2017 Jan
Signal intensity changes of the posterior elements of the lumbar spine in symptomatic adults.	Sugiura K, Sakai T, Tezuka F, Yamashita K, Takata Y, Higashino K, Nagamachi A, Sairyo K.	Spine Surg Relat Res.				In press
Etiology of adult-onset stress fracture in the lumbar spine.	Tezuka F, Sairyo K, Sakai T, Dezawa A.	Clin Spine Surg.	30	3	E233–E238	2017
Spontaneous lumbar spinal subdural hematoma: a case report.	Kita K, Sakai T, Yamashita K, Nagamachi A, Sairyo K.	Br J Neurosurg.	13		1–5	2017
Anatomical considerations of the iliac crest on percutaneous endoscopic discectomy using a transforaminal approach.	Tezuka F, Sakai T, Abe M, Yamashita K, Takata Y, Higashino K, Nagamachi A, Chikawa T, Sairyo K.	Spine J.	20			2017
Pediatric isthmic spondylolisthesis showing radiologic evidence of slippage after physis injury.	Hama S, Tonogai I, Sakai T, Goda Y, Tezuka F, Matsura T, Suzue N, Takahashi R, Terai T, Higashino K, Fukuta S, Nagamachi A, Sairyo K.	J Pediatr Orthop B.	26	4	388–392	2017
Pediatric Patient with Incidental Os Odontoideum Safely Treated with Posterior Fixation Using Rod-Hook System and Preoperative Planning Using 3D Printer: A Case Report.	Sakai T, Tezuka F, Abe M, Yamashita K, Takata Y, Higashino K, Nagamachi A, Sairyo K.	J Neurol Surg A Cent Eur Neurosurg.	78	3	306–309	2017 May
Eight-year follow-up findings of surgical treatment for severe dystrophic changes in the cervical spine associated with neurofibromatosis type 1 : A case report.	Kita K, Yamashita K, Abe M, Takata Y, Sakai T, Higashino K, Nagamachi A, Sairyo K.	J Pediatr Orthop B.	26	1	91–94	2017
Morphometric Changes of the Lumbar Intervertebral Foramen after Percutaneous Endoscopic Foraminoplasty under Local Anesthesia.	Henmi T, Terai T, Nagamachi A, Sairyo K.	J Neurol Surg A Cent Eur Neurosurg.				2017 Mar 20. [Epub ahead of print]
A new concept of transforaminal ventral facetectomy including simultaneous decompression of foraminal and lateral recess stenosis: Technical considerations in a fresh cadaver model and a literature review.	Sairyo K, Higashino K, Yamashita K, Hayashi F, Wada K, Sakai T, Takata Y, Tezuka F, Morimoto M, Terai T, Chikawa T, Yonezu H, Nagamachi A, Fukui Y.	J Med Invest.	64	1.2	1–6	2017
Active stretching for lower extremity muscle tightness in pediatric patients with lumbar spondylosis.	Sato M, Mase Y, Sairyo K.	J Med Invest.	64	1.2	136–139	2017
Surgical Removal of Circumferentially Leaked Polymethyl Methacrylate in the Epidural Space of the Thoracic Spine after Percutaneous Vertebroplasty.	Kita K, Takata Y, Higashino K, Yamashita K, Tezuka F, Sakai T, Nagamachi A, Sairyo K.	Surg J (N Y).	3	1	e1–e5	2017 Feb 10
Morphological alterations of the tendon and pulley on ultrasound after intrasynovial injection of betamethasone for trigger digit.	Takahashi M, Sato R, Kondo K, Sairyo K.	Ultrasonography.				2017 Jul 25. [Epub ahead of print]
Study of lesions of the lumbar endplate based on the stage of maturation of the lumbar vertebral body: the relationship between skeletal maturity and chronological age.	Uraoka H, Higashino K, Morimoto M, Yamashita K, Tezuka F, Takata Y, Sakai T, Nagamachi A, Murase M, Sairyo K.	Eur J Orthop Surg Traumatol.				2017 Sep 16. [Epub ahead of print]

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Atypical Lipomatous Tumor/Well-Differentiated Liposarcoma Developed in a Patient with Progressive Muscular Dystrophy: A Case Report and Review of the Literature.	Miyagi R, Nishisho T, Takata S, Shimatani Y, Toki S, Sairyo K.	Case Rep Orthop.				Epub 2017 May 29.
Diffusion tensor imaging and tractography of the sciatic nerve: assessment of fractional anisotropy and apparent diffusion coefficient values relative to the piriformis muscle, a preliminary study.	Wada K, Hashimoto T, Miyagi R, Sakai T, Sairyo K.	Skeletal Radiol.	46		309–314	2017
Burned-out seminoma revealed by solitary rib bone metastasis.	Nishisho T, Sakaki M, Miyagi R, Takao S, Sairyo K.	Skeletal Radiol.				Epub 2017 Jun 21.
Fibroma of tendon sheath on the medial side of the knee : a case report.	Toki S, Nishisho T, Takao S, Miyagi R, Tezuka F, Nagamachi A, Sairyo K.	J Med Invest.	64	1.2	173–176	2017
Radiographic changes of cervical destructive spondyloarthropathy in long-term hemodialysis patients : A 9-year longitudinal observational study	Nagamachi A, Takahashi M, Mima N, Adachi K, Inoue K, Jha SC, Nitta A, Morimoto M, Takasago T, Iwame T, Wada K, Tezuka F, Yamashita K, Hayashi H, Miyagi R, Nishisyo T, Tonogai I, Goto T, Takata Y, Sakai T, Higashino K, Chikawa T, Sairyo K.	J Med Invest.	64	1.2	68–73	2017
Changes of posture and muscle activities in the trunk and legs during walking in patients with lumbar spinal stenosis after decompression surgery. A preliminary report.	Goto T, Sakai T, Enishi T, Sato N, Komatsu K, Sairyo K, Katoh S.	Gait Posture	51	1	149–152	2017
The use of dynamic radiographs in trapeziometacarpal joint arthrodesis for accurate range of motion evaluation.	Dormitorio B, Hattori Y, Yukata K, Sakamoto S, Doi K.	J Orthop Sci.	14			in press
Medial tibial plateau morphology and stress fracture location : A magnetic resonance imaging study	Yukata K, Yamanaka I, Ueda Y, Nakai S, Ogasa H, Oishi Y, Hamawaki JI.	World J Orthop.	8	6	484–490	2017
Analysis of shoulder abduction by dynamic shoulder radiograph following suprascapular nerve repair in brachial plexus injury.	Shimoe T, Doi K, Madura T, Kumar KK, Montales TD, Hattori Y, Sakamoto S, Yukata K, Yoshida M.	J Orthop Sci.	22	5	840–845	2017
Two-year follow-up study of subchondral surface irregularities of the capitellum on ultrasonography in baseball players under the age of 10 years.	Iwame T, Matsuura T, Suzue N, Tamaki S, Yokoyama K, Sairyo K.	Skeletal Radiology.	46		1499–1505	2017
Clinical Outcome of Arthroscopic Treatment for Posteromedial Elbow Impingement in Adolescent Baseball Players.	Matsuura T, Iwame T, Suzue N, Iwase J, Tamaki S, Yokoyama K, Sairyo K	Arthroscopy				in press
Shoulder and elbow pain in elementary school baseball players : The results from a nation-wide survey in Japan	Takagishi K, Matsuura T, Masatomi T, Chosa E, Tajika T, Watanabe M, Iwama T, Otani T, Inagaki K, Ikegami H, Aoki M, Kato K, Okuwaki T, Sairyo K, Kameyama Y, Maeda A, Beppu M	J Orthop Sci	22	4	682–686	2017
Risk factors for shoulder and elbow pain in youth baseball players.	Matsuura T, Iwame T, Suzue N, Arisawa K, Sairyo K	Phys Sportsmed	45	2	140–144	2017
Bilateral osteochondritis dissecans of the capitellum in fraternal twins: A case report.	Matsuura T, Wada K, Suzue N, Iwame T, Fukuta S, Sairyo K	JBJS Case Connector		7	e44	2017
Variations in the obturator artery around the obturator foramen assessed by three-dimensional computed tomographic angiography and prevention of vascular-related complications in rotational acetabular osteotomy.	Wada K, Goto T, Tezuka F, Tamaki S, Hamada D, Tsutsui T, Sairyo K.	Int Orthop.	41	1	133–139	2017 Jan
Influence of Medial Collateral Ligament Release for Internal Rotation of Tibia in Posterior-Stabilized Total Knee Arthroplasty : A Cadaveric Study.	Wada K, Hamada D, Tamaki S, Higashino K, Fukui Y, Sairyo K.	J Arthroplasty.	32	1	270–273	2017 Jan

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Diffusion tensor imaging and tractography of the sciatic nerve : assessment of fractional anisotropy and apparent diffusion coefficient values relative to the piriformis muscle, a preliminary study.	Wada K, Hashimoto T, Miyagi R, Sakai T, Sairyo K	Skeletal Radiol.	46	3	309–314	2017 Mar
Cementless calcar-replacement stem with integrated greater trochanter plate for unstable intertrochanteric fracture in very elderly patients.	Wada K, Mikami H, Oba K, Yonezu H, Sairyo K	J Orthop Surg	25	1		2017 Jan
Piriformis muscle syndrome with assessment of sciatic nerve using diffusion tensor imaging and tractography : a case report.	Wada K, Goto T, Takasago T, Hamada D, Sairyo K	Skeletal Radiol.				Epub 2017 Jun 14
Direction and location of the nutrient artery to the fifth metatarsal at risk in osteotomy for bunionette.	Tonogai I, Hayashi F, Tsuruo Y, Sairyo K.	Foot Ankle Surg.				Epub October 29, 2017.
Comparison of visualization between the 70 and 30° arthroscopes in the ankle joint ; A cadaveric study.	Tonogai I, Hayashi F, Tsuruo Y, Sairyo K.	Foot Ankle Spec.				Epub September 1, 2017.
The distance between the anterior distal tibial edge and the anterior tibial artery in non-distracted and distracted ankle positions during anterior ankle arthroscope: a cadaveric study.	Tonogai I, Hayashi F, Tsuruo Y, Sairyo K.	Foot Ankle Int.				Epub October 1, 2017
Total calcaneectomy for metastasis of renal cell carcinoma in the calcaneus: A case report.	Tonogai I, Nishisho T, Miyagi R, Sairyo K.	Foot Ankle Surg.				Epub July 6, 2017.
Radiographic changes in coronal alignment of the ankle joint immediately after primary total knee arthroplasty for varus knee osteoarthritis.	Tonogai I, Hamada D, Sairyo K.	Foot Ankle.	10	2	2	2017
Location and direction of the nutrient artery to the first metatarsal at risk in osteotomy for hallux Valgus.	Tonogai I, Wada K, Higashino K, Fukui Y, Sairyo K.	Foot Ankle Surg.				Epub June 2, 2017.
Morphology of the incisura fibularis at the distal tibiofibular syndesmosis in the Japanese population.	Tonogai I, Hamada D, Sairyo K.	J Foot Ankle Surg.	56	6	1147–1150	2017
Custom-made alumina ceramic total talar prosthesis for idiopathic aseptic necrosis of the talus : Report of two cases.	Tonogai I, Hamada D, Yamasaki Y, Wada K, Takasago T, Tsutsui T, Goto T, Sairyo.	Case Rep Orthop.				Epub 2017 May 29
Pseudoaneurysm of the Anterior Tibial Artery following Ankle Arthroscopy in a Soccer Player.	Tonogai I, Matsuura T, Iwame T, Wada K, Takasago T, Goto T, Hamada D, Kawatani Y, Fujimoto E, Kitagawa T, Takao S, Iwamoto S, Yamanaka M, Harada M, Sairyo K.	Case Rep Orthop.				Epub 2017 May 18.
Anatomical study of anterior and posterior ankle arthroscopic portals in ankle plantarflexion and dorsiflexion positions: a cadaveric study in Japanese population	Tonogai I, Hayashi F, Tsuruo Y, Sairyo K.	J Foot Ankle Surg.				In press
Symptomatic Os Intercuneiform: A Case Report	Tonogai I, Nishisho T, Takao S, Miyagi R, Yokoyama K, Toki S, Sairyo K	J Foot Ankle Surg.				In press
Psychogenic Equinovarus Caused by Dislocation of the Chopart Joint Complex : A Case Report	Tonogai I, Sairyo K	Case Rep Orthop.				In press
A cadaveric study for estimating the dose reduction when using pulsed and collimated X-ray beams in fluoroscopic procedures.	Yamashita K, Higashino K, Hayashi H, Hayashi F, Fukui Y, Sairyo K.	JBJS Open Access				in press
Utility of STIR-MRI in Detecting The Pain Generator in Asymmetric Bilateral Pars Fracture: A report of 5 cases.	Yamashita K, Sakai T, Takata Y, Hayashi F, Tezuka F, Morimoto M, Yutaka Kinoshita, Akihiro Nagamachi, Takashi Chikawa, Hiroshi Yonezu, Kosaku Higashino, Tadanori Sakamaki, Koichi Sairyo.	NMC Case Rep J				in press

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Successful endoscopic surgery for L5 radiculopathy caused by far-lateral disc herniation at L5-S1 and L5 isthmic grade II spondylolisthesis in a professional baseball player	Yamashita K, Tezuka F, Manabe H, Morimoto M, Hayashi F, Takata Y, Sakai T, Yonezu H, Higashino K, Chikawa T, Nagamachi A, Sairyo K.	Int J Spine Surg				in press
Percutaneous full endoscopic lumbar foraminoplasty for adjacent level foraminal stenosis following vertebral intersegmental fusion in an awake and aware patient under local anesthesia : A case report.	Yamashita K, Higashino K, Sakai T, Takata Y, Hayashi F, Tezuka F, Morimoto M, Chikawa T, Nagamachi A, Sairyo K.	J Med Invest.	64	3, 4	291–295	2017
The reduction and direct repair of isthmic spondylolisthesis using the smiley face rod method in adolescent athlete: Technical note.	Yamashita K, Higashino K, Sakai T, Takata Y, Hayashi F, Tezuka F, Morimoto M, Nagamachi A, Sairyo K.	J Med Invest.	64	1,2	168–172	2017
Natural correction and adaptation of a severely deformed sacral dome in isthmic spondylolisthesis in a male teen.	Yamashita K, Kosaku Higashino, Toshinori Sakai, Yoichiro Takata, Akihiro Nagamachi, Koichi Sairyo.	JBJS Case Connect	26	7	e26	2017
Radiation Exposure to the Hand of a Spinal Interventionalist during Fluoroscopically Guided Procedures.	Yamashita K, Ikuma H, Tokashiki T, Maehara T, Nagamachi A, Takata Y, Sakai T, Higashino K, Sairyo K.	Asian Spine J.	11	1	75–81	Asian Spine J. 2017 Feb
Complications Associated with Lateral Interbody Fusion: Nationwide Survey of 2998 Cases During the First Two Years of Its Use in Japan.	Fujibayashi S, Kawakami N, Asazuma T, Ito M, Mizutani J, Nagashima H, Nakamura M, Sairyo K, Takemasa R, Iwasaki M.	Spine (Phila Pa 1976).	2017 Mar 1. [Epub ahead of print]			
High intensity zone in lumbar spine and its correlation with disc degeneration.	Jha SC, Takata Y, Abe M, Yamashita K, Tezuka F, Sakai T, Higashino K, Nagamachi A, Sairyo K.	J Med Invest.	64	1,2	39–42	2017
Screening for nasal carriage of <i>Staphylococcus aureus</i> among patients scheduled to undergo orthopedic surgery: Incidence of surgical site infection by nasal carriage.	Nakamura M, Shimakawa T, Nakano S, Chikawa T, Yoshioka S, Kashima M, Toki S, Sairyo K.	J Orthop Sci.	22	4	778–782	2017 Jul
Degenerative Changes of the Facet Joints in Adults With Lumbar Spondylosis.	Goda Y, Sakai T, Harada T, Takao S, Takata Y, Higashino K, Harada M, Sairyo K.	Clin Spine Surg.	30	6	E738–E742	2017 Jul
Restoration of the Active Forearm Rotation Using Vascularized Free Fibular Graft and Radial Head Arthroplasty for a Wide Defect of the Proximal Radius.	Sato R, Hamada Y, Hibino N, Nishisho T, Tonogai I, Endo K, Sairyo K.	J Hand Surg Asian Pac Vol.	22	4	531–534	2017 Dec
Accurate diagnosis of chronic low back pain in a high-level college athlete : a case report.	Yokoyama K, Yamashita K, Morimoto M, Tezuka F, Hayashi F, Takata Y, Sakai T, Higashino K, Chikawa T, Yonezu H, Nagamachi A, Sairyo K.	J Med Invest.	64	3, 4	313–316	2017
Bone bruise of the thoracic spine caused by mild physical activity in children	Yokoyama K, Endo K, Takata Y, Tezuka F, Manabe H, Yamashita K, Sakai T, Chikawa T, Nagamachi A, Sairyo K	Case Report in Orthopedics				2017
Compression of the Femoral Vessels by a Pseudotumor after Metal-on-Metal Total Hip Arthroplasty.	Tamaki Y, Goto T, Tsutsui T, Takasago T, Wada K, Sairyo K.	Case Rep Orthop				Epub 2017 Oct 1.
Efficacy of a computed tomography-based navigation system for placement of the acetabular component in total hip arthroplasty for developmental dysplasia of the hip.	Tsutsui T, Goto T, Wada K, Takasago T, Hamada D, Sairyo K.	J Orthop Surg	25	3	1–7	2017

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Fracture of the Tibial Baseplate 16 Years after Miller-Galante II Total Knee Arthroplasty.	Mineta K, Okada M, Matsumoto S, Hamada D, Goto T, Sairyo K.	Case Rep Orthop				Epub 2017 May 16.
The Posterior Condylar Cartilage Affects Rotational Alignment of the Femoral Component in Varus Knee Osteoarthritis	Hamada D, Wada K, Mikami H, Toki S, Goto T, Tsutsui T, Takasago T, Nagamachi A, Sairyo K	Journal of Medical Investigation	64	1, 2	24–29	2017
Prognostic value of dynamic MRI positive enhancement integral color mapping in osteosynthesis of undisplaced femoral neck fractures.	Morimoto M, Takahashi Y, Kubo T, Sugiura K, Tamaki Y, Toki S, Saganuma K, Inoue K, Adachi K, Chikawa T, Sairyo K, Nagamachi A.	J Orthop Sci.	22	4	722–725	2017
A rare case of progressive palsy of the lower leg during percutaneous endoscopic lumbar discectomy via a transforaminal approach	Manabe H, Higashino K, Sugiura K	Case reports in Orthopedics				In press