

Title	Author	Journal	Volume	Number	Page	Year
Morphometric Analysis of Subaxial Cervical Spine with Myelopathy: A Comparison with the Normal Population.	Toki S, Higashino K, Manabe H, Morimoto M, Sugiura K, Tezuka F, Yamashita K, Takata Y, Maeda T, Sakai T, Yasui N,	Spine Surg Relat Res.	5	1	34-40.	2020 Aug 20
Examination of Safe Zone to Avoid Injury of the Lateral Plantar Artery During Calcaneal Osteotomy: A Fresh Cadaveric Study.	Tonogai I, Tsuruo Y, Sairyo K.	Foot Ankle Spec.				2020 Oct 22.[Online ahead of print]
Clinical and radiological outcomes of total hip arthroplasty using a highly porous titanium cup or a conventional hydroxyapatite-coated titanium cup: A retrospective study in Japanese patients.	Tamaki Y, Goto T, Takasago T, Wada K, Hamada D, Sairyo K.	J Orthop Sci.	27	1	163-168	2022 Jan.
Quadriceps strength to body weight ratio is a significant indicator for initiating jogging after anterior cruciate ligament reconstruction.	Iwame T, Matsuura T, Okahisa T, Katsuura-Kamano S, Wada K, Iwase J, Sairyo K.	Knee.	28		240-246	2021 Jan.
Insufficient lateral joint laxity after bicruciate-retaining total knee arthroplasty potentially influences kinematics during flexion: A biomechanical cadaveric study.	Takasago T, Hamada D, Wada K, Nitta A, Tamaki Y, Goto T, Tsuruo Y, Sairyo K.	Knee.	28		311-318.	2021 Jan.
Image-guided core needle biopsy for musculoskeletal lesions	Toki S, Sone M, Yoshida A, Nishisho T, Gokita T, Kobayashi E, Nakatani F, Chuman H, Sugawara S, Arai Y, Kawai A.	J Orthop Sci	27	2	448-455	2022 Mar
Arthrodesis for chronic lateral subtalar joint dislocation caused by posterior tibial tendon dysfunction: A case report.	Tonogai I, Sairyo K.	Int J Surg Case Rep.	78		21-25	2021 Jan.
Relationship between the lateral plantar artery and the retrograde intramedullary nail during tibiotalar and subtalar arthrodesis: A fresh cadaveric study.	Tonogai I, Tsuruo Y, Sairyo K.	Foot Ankle Spec.				2021 Jan 11.[Online ahead of print]
Return to the Original Work Activity Following the Full-endoscopic Lumbar Surgery under the Local Anesthesia.	Takeuchi M, Yamashita K, Hashimoto A, Takamatsu N, Sugiura K, Manabe H, Tezuka F, Takata Y, Sakai T, Maeda T,	Neurol Med Chir (Tokyo).	61	2	144-151.	2021 Feb 15
A case of ankle osteoarthritis associated with lateral premalleolar bursitis caused by chronic ankle instability.	Tonogai I, Sairyo K.	Int J Surg Case Rep.	80		105671	2021 Feb 25
A new surgical strategy for the intractable chronic low back pain due to type 1 Modic change using transforaminal full-endoscopic disc cleaning (FEDC) surgery under the local anesthesia: A case report and literature review.	Sairyo K, Maeda T, Yamashita K, Tezuka F, Morimoto M, Yagi K, Kishima K, Sugiura K, Takeuchi M, Yamada Y, Takata Y, Sakai T.	J Med Invest.	68	1,2	1-5.	2021 Feb
Extraosseous Signal Changes on Magnetic Resonance Imaging in Pediatric Patients with Early-Stage Lumbar Spondylolysis.	Sakai T, Manabe H, Goto T, Sugiura K, Tezuka F, Yamashita K, Takata Y, Sairyo K.	J Med Invest.	68	1,2	136-139.	2021 Feb
Cut-off values for skeletal muscle strength and physical functions in Japanese elderly with walking difficulty.	Morishita T, Sato M, Katayama T, Sumida N, Omae H, Satomura S, Sakuma M, Arai H, Kawaura A, Takeda E, Katoh S, Sairyo K.	J Med Invest.	68	1,2	48-52.	2021 Feb
Optimal baseplate position in reverse shoulder arthroplasty in small-stature Japanese women : a cadaveric study.	Fukuta S, Wada K, Higashino K, Sairyo K, Tsuruo Y.	J Med Invest.	68	1,2	175-180.	2021 Feb

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Clinical application of dynamic 18F-fluorodeoxyglucose positron-emission tomography/computed tomography in the differential diagnoses of musculoskeletal lesions	Takayoshi Shinya, Yoichi Otomi, Toshihiko Nishisho, Bettina Beuthien-Baumann, Saho Irahara, Michiko Kubo, Hideki Otsuka, Yoshimi Bando, Koichi Sairyu, Masafumi Harada	J Med Invest.	68	1,2	96-104.	2021 Feb
Bone Formation During Correction of Vertebral Rounding Deformity in a Rat Model of Pediatric Spondylolisthesis.	Manabe H, Yamashita K, Higashino K, Morimoto M, Sugiura K, Ishihama Y, Tezuka F, Takata Y, Sakai T, Sairyu K.	Spine (Phila Pa 1976).	46	5	E294-E302.	2021 Mar 1
Direct measurement of radiation exposure dose to individual organs during diagnostic computed tomography examination.	Yamashita K, Higashino K, Hayashi H, Takegami K, Hayashi F, Tsuruo Y, Sairyu K.	Sci Rep.	11	1	5435	2021 Mar 8
Posterior ankle arthroscopy for posterior ankle synovitis with an enlarged posterior talar process caused by a cat bite or scratch: A case report.	Tonogai I, Sairyu K.	Int J Surg Case Rep.	81		105761	2021 Apr
Risk Factor for Additional Intravenous Medication during Transforaminal Full-endoscopic Lumbar Discectomy under Local Anesthesia.	Yamaya S, Tezuka F, Sugiura K, Takeuchi M, Manabe H, Morimoto M, Yamashita K, Takata Y, Sakai T, Maeda T.	Neurol Med Chir (Tokyo).	61	3	236-242	2021 Mar 15
Limiting the Pitch Count in Youth Baseball Pitchers Decreases Elbow Pain.	Matsuura T, Takata Y, Iwame T, Iwase J, Yokoyama K, Takao S, Nishio S, Arisawa K, Sairyu K.	Orthop J Sports Med.	9	3		2021 Mar 18 [eCollection 2021 Mar]
Extradural ancient schwannoma of the spine : 2 cases and literature review	Yasuyuki Omichi, Toshihiko Nishisho, Kazuta Yamashita, Haruhiko Yoshinari, Hirofumi Kosaka, Shinsuke Katoh, Shuichi Toki, Toru Maeda, Koichi Sairyu	Interdisciplinary Neurosurgery case report				In press
Full-endoscopic trans-Kamin's triangle lumbar interbody fusion: technique and review of literature.	Sairyu K, Morimoto M, Yamashita K, Tezuka F, Sugiura K, Takeuchi M, Yagi K, Kishima K, Fujitani J, Takata Y, Sakai T	J Minim Invasive Spine Surg Tech.	6	Suppl1	S123-S129	2021 Mar
A Rare Case of Extremely Severe Heterotopic Ossification after Primary Total Hip Arthroplasty due to Persistent Mild Periprosthetic Joint Infection.	Kinoshita Y, Nakano S, Yoshioka S, Nakamura M, Goto T, Hamada D, Sairyu K.	Case Rep Orthop.				2021 May22 [eCollection 2021]
Magnetic Resonance Imaging Findings and Clinical Outcomes in the Early Postoperative Period after Full Endoscopic Discectomy for Lumbar Disk Herniation.	Terai T, Chikawa T, Henmi T, Sairyu K.	J Neurol Surg A Cent Eur Neurosurg.	83	1	13-19	2021 Jan
One-year follow-up ultrasonographic study of the subchondral bone surface of the distal femoral epiphysis in children aged 9-11 years.	Iwame T, Matsuura T, Suzue N, Katsuura-Kamano S, Takao S, Iwase J, Sairyu K.	J Pediatr Orthop B.	31	2	e174-179	2022 Mar 1
Prompt return to work after bilateral transforaminal full-endoscopic lateral recess decompression under local anesthesia: A case report.	Sugiura K, Yamashita K, Manabe H, Ishihama Y, Tezuka F, Takata Y, Sakai T, Maeda T, Sairyu K.	J Neurol Surg A Cent Eur Neurosurg	82	3	289-293	2021 May
Postoperative radiographic evaluation and simulation study for optimal cup placement in high-hip centre total hip arthroplasty.	Takasago T, Goto T, Wada K, Hamada D, Sairyu K.	Hip Int.	31	3	335-341	2021 May

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Temporary Kirschner wire fixation of the first metatarsophalangeal joint before osteotomy for hallux valgus.	Tonogai I, Sairyo K.	Int J Surg Case Rep.	84		106104	2021 Jul
Successful Full Endoscopic Surgery for L5 Radiculopathy Due to L4-5 Discal Cyst and Disc Herniation in a Professional Baseball Player.	Nobutoshi Takamatsu, Kazuta Yamashita, Kosuke Sugiura, Hiroaki Manabe, Fumitake Tezuka, Yoichiro Takata, Toshinori Sakai, Toru Maeda, Koichi Sairyo.	NMC Case Rep J.	8	1	189-194	2021 Jun 10
MuRF1 deficiency prevents age-related fat weight gain, possibly through accumulation of PDK4 in skeletal muscle mitochondria in older mice.	Sugiura K, Hirasaka K, Maeda T, Uchida T, Kishimoto K, Oarada M, Labeit S, Ulla A, Sakakibara I, Nakao R, Sairyo K, Nikawa T.	J Orthop Res.	40	5	1026-1038	2022 May
A Basic Exercise Strategy for Low Back Pain-Mini Review.	Sairyo K, Fujitani J, Kasamasu	EC Orthopaedics.	12	8	90-93	2021 July 30
Transitional vertebrae and numerical variants of the spine : prevalence and relationship to low back pain or degenerative spondylolisthesis.	Sugiura K, Morimoto M, Higashino K, Takeuchi M, Manabe A, Takao S, Maeda T,	Bone Joint J.	103-B	7	1301-1308	2021 Jul
Outside-in Technique for Transforaminal Full-Endoscopic Lumbar Discectomy Under Local Anesthesia: A Review Article	Fujitani J, Sairyo K	EC Orthopaedics Mini Review				In press
Full-endoscopic Spine Surgery for Discogenic Low Back Pain with High-intensity Zones and Modic Type 1 Change in a Professional Baseball Player.	Daiki Nakajima, Kazuta Yamashita, Makoto Takeuchi, Kosuke Sugiura, Masatoshi Morimoto, Fumitake Tezuka, Kiyoshi Yagi, Kazuya Kishima, Koichi Sairyo.	NMC Case Rep J.	8	1	587-593	2021 Sep 14
Role of growth plate (apophyseal ring fracture) in causing modic type changes in pediatric low back pain patients.	Manabe H, Sakai T, Omichi Y, Sugiura K, Morimoto M, Tezuka F, Yamashita K, Takata Y, Maeda T, Sairyo K.	Eur Spine J.	30	9	2565-2569	2021 Sep
The survival and proliferation of osteosarcoma cells are dependent on the mitochondrial BIG3-PHB2 complex formation.	Toki S, Yoshimaru T, Matsushita Y, Aihara H, Ono M, Tsuneyama K, Sairyo K, Katagiri T.	Cancer Sci.	112	10	4208-4219	2021 Oct
Myofibroblasts are increased in the dorsal layer of the hypertrophic ligamentum flavum in lumbar spinal canal stenosis	Hayashi F, Morimoto M, Higashino K, Goada Y, Sato N, Tezuka F, Yamashita K, Sairyo K	Spine J.	22	4	697-704	2022 Apr
Full-Endoscopic Trans-Kambin Triangle Lumbar Interbody Fusion: Surgical Technique and Nomenclature	Ishihama Y, Morimoto M, Tezuka F, Yamashita K, Manabe H, Sugiura K, Takeuchi M, Takata Y, Sakai T, Maeda T, Nagamachi A, Sairyo K	J Neurol Surg A Gent Eur Neurosurg.	83	4	308-313	2022 Jul
One-stage tibial deformity correction and ankle arthrodesis for ankle osteoarthritis and tibial malalignment after low tibial	Tonogai I, Sairyo K.	Int J Surg Case Rep.	89		106624	2021 Dec

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Japanese Orthopaedic Association (JOA) clinical practice guidelines on the management of lumbar disc herniation, third edition – secondary publication.	Hiroataka Haro, Shigeto Ebata, Gen Inoue, Takashi Kaito, Hiromichi Komori, Tetsuro Ohba, Daisuke Sakai, Toshinori Sakai, Shoji Seki, Yasuhiro Shiga, Hidenori Suzuki, Hiromitsu Toyota, Kazuyuki Watanabe, Yu Yamato.	J Orthop Sci.	27	1	31–78	2022 Jan
A Review of Full-endoscopic Interlaminar Discectomy for Lumbar Disc Disease: A Historical and Technical Overview	Yanting Liu , Jin-Sung Kim , Chien-Min Chen , Gun Choi, Sang Ho Lee , Sebastian Ruetten4 , Xifeng Zhang5 , Koichi Sairyo	J Minimally Invasive Spine Surgery & Technique.	6	suppl1	s109–s116	2021
Partial thickness tear of the supraspinatus at the musculotendinous junction in a softball catcher.	Fukuta S, Kawaguchi S, Sairyo K.	J Med Invest.	68	3.4	386–388	2021
Effects of daily 1,000-IU vitamin D-fortified milk intake on skeletal muscle mass, power, physical function and nutrition status in Japanese.	Matsuura Y, Morishita T, Sato M, Sumida N, Katayama T, Tsutsumi R, Sakaue H, Taketani Y, Sairyo K, Kawaaura A, Takeda	J Med Invest.	68	3.4	249–255	2021
Impact of Preoperative 6-Minute Walk Distance on Long-Term Prognosis after Esophagectomy in Patients with Esophageal Cancer.	Kondo S, Inoue T, Yoshida T, Saito T, Inoue S, Nishino T, Goto M, Sato N, Ono R, Tangoku A, Katoh S.	Esophagus.	19	1	95–104	2022 Jan
Allogeneic Haematopoietic Stem Cell Transplantation–Clinical Outcomes: Impact of Leg Muscle Strength.	Kondo S, Kagawa K, Saito T, Oura M, Sogabe K, Harada T, Fujii S, Nakamura S, Miki H, Sato N, Ono R, Abe M, Katoh S.	BMJ Support Palliat Care.				2021 Dec 23[Online ahead of print]
Biomechanical evaluation of a novel decompression surgery: Transforaminal full-endoscopic lateral recess decompression (TE-LRD)	Koji Matsumoto a, Anoli Shah b, Amey Kelkar b, Dikshya Parajuli b, Sushil Sudershan b, Vijay K. Goel b, Koichi Sairyo	North American Spine Society Journal (NASSJ) in press	5			2021 Mar
Planned Four-stage Transforaminal Full-endoscopic Lumbar Decompression Under Local Anesthesia In A Patient With Severe Comorbidity.	Hashimoto A, Tezuka F, Ymashita K, Morimoto M, Sugiura K, Takeuchi M, Takata Y, Sakai T, Maeda T, Sairyo K	NMC Case Rep J.	8	1	221–227	2021 Jan 11
Full-endoscopic confirmation of a discal cyst by indigo carmine injection during lumbar spine surgery: A technical note.	Yamada Y, Maeda T, Takami H, Yoshida N, Kashima M, Tomiyama S, Fujitani J, Sairyo	EC Orthopaedics.				in press
Effectiveness of Primary Total Hip Arthroplasty Combined with Intra-articular and Intravenous Tranexamic Acid: A Retrospective Analysis of Number of Doses and Dose Strength.	Nakamura M, Shimakawa T, Nakano S, Sato R, Kondo K, Goto H, Sugimine Y, Enishi T,	Indian Journal of Orthopaedics.				in press
A Narrative Review of Uniportal Endoscopic Lumbar Interbody Fusion: Comparison of Uniportal Facet-Preserving Trans-Kambin Endoscopic Fusion and Uniportal Facet-Sacrificing Posterolateral Transforaminal Lumbar Interbody Fusion.	Kim HS, Wu PH, Sairyo K, Jang IT.	Int J Spine Surg.	15	suppl 3	S72–S83	2021 Dec