

Publicaciones Científicas

de Clínica MEDS

2024



	Título	Autores (En rojo los autores con afiliación Clínica MEDS)	Referencia
Anestesiología			
1	Erector spinae plane infiltration and anterior rami of spinal nerve: a cadaveric study.	Madeleine Luchsinger, et al., Victor Varela .	Region Anesth Pain M: rapm-2024-105691.
2	Fascicular injury is rare following needle transfixion: a study on median and ulnar isolated human nerves.	Victor Varela* , Carlos Ruíz .	Region Anesth Pain M. Online ahead of print
3	Streamlined regional anesthesia: common sense at its core.	Sala-Blanch X, Victor Varela* .	Region Anesth Pain M: rapm-2024-105669
4	Spread of local anesthetic injected in the paravertebral space, intertransverse processes space, and erector spinae plane: a cadaveric model.	Victor Varela, Carlos Ruíz, Alberto Prats, Xavier Sala-Blanch, Sara Montecino .	Reg Anesth Pain Med 49 (3): 228-232. 2024.
Cirugía			
5	Metabolic Bariatric Surgery Across the IFSO Chapters: Key Insights on the Baseline Patient Demographics, Procedure Types, and Mortality from the Eighth IFSO Global Registry Report.	Brown, W et al., Camilo Boza .	Obesity Surgery 34 (5): 1764 - 1777. 2024.
6	Early Exercise Through Telerehabilitation After Bariatric Surgery: Is It Feasible?	Johanna Pino-Zúñiga; Mariela Olivares, Giselle Muñoz; Camilo Boza , Camilo Duque, Jorge Cancino.	Obesity Surgery 2024.
7	The Sleeve Gastrectomy with Jejunal Bypass (Original Technique).	Munir Álamo, Matías Sepúlveda .	J Laparoendosc Adv Surg Tech 34 (1): 77-81. 2024
8	Actualización en el manejo de la isquemia mesentérica aguda.	Guillermo Martínez , Pedro Figueroa, Javier Toro, Álvaro Sanhueza, Carlos García, Alejandro Campos.	Rev. Cir 76 (3): 264-275. 2024.
Deportología			
9	Physical activity levels and sedentary behavior according to sex, age, BMI, academic year, and country among medical students in Latin America.	Diego Herreos, María Fernanda González, Rocío Nuche, Josivaldo de Souza, Sandra Mahecha .	BMC Public Health 24, 1699 (2024).
10	Anthropometric and mechanical factors determining sprint in young soccer players: a brief report.	Alejandro Bustamante-Garrido, et al., Hugo Cerda-Kohler	Front Sports Act Living. 6: 1480973.
11	Use of self-organizing maps for the classification of cardiometabolic risk and physical fitness in adolescents.	Rodrigo Yáñez-Sepúlveda, et al., Sandra Mahecha .	Int J Adolesc Youth. 29 (1): 2417903.
Dermatología			
12	Self-reported clinical features and treatment effectiveness of Papillon-Lefèvre syndrome patients from five Latin American countries: A cross-sectional online survey study.	Daniela Alfaro-Sepúlveda, et al., Carmen Gloria Gonzalez .	Australas J Dermatol 65 (4): 305-310. 2024
Enfermería			
13	Percepción de la Formación de Pregrado en Estudiantes Varones de Enfermería en Chile.	Camilo Silva, Pablo Oñate, José Carrera-Alarcón .	Educare vol.22 n.3
Gastroenterología			
14	Consenso de endoscopia en enfermedad inflamatoria intestinal de la Organización Panamericana de Crohn y Colitis (PANCCO) y la Sociedad Interamericana de endoscopia (SIED).	Viviana Parra-Izquierdo, et al., Fernando Fluxá .	Revista de gastroenterología del Perú. 44 (2):179-215.

Imagenología			
15	Automated segmentation and classification of supraspinatus fatty infiltration in shoulder MRI using a convolutional neural network.	Juan Pablo Saavedra, et al., Guillermo Droppelmann .	Front Med (Lausanne). 11:1416169.
16	Deep learning models for tendinopathy detection: A systematic review and meta-analysis of diagnostic tests.	Guillermo Droppelmann , Constanza Rodríguez, Dali Smague, Carlos Jorquera, Felipe Feijoo.	EFORT Open Reviews. 9 (10): 941-952.
17	Artificial intelligence in diagnosing upper limb musculoskeletal disorders: a systematic review and meta-analysis of diagnostic tests.	Guillermo Droppelmann , Constanza Rodríguez, Carlos Jorquera, Felipe Feijoo.	EFORT Open Reviews 9: 241–251
18	The critical shoulder angle: a significant radiological measure in rotator cuff vs glenohumeral osteoarthritis in Chilean patients: a descriptive cross sectional study.	Walter Rojas, Pablo Vargas, Guillermo Droppelmann, Katherine Stöwhas, Nicolas García .	J. Clin. Med. 13: 3408. 2024
Kinesiología			
19	Impact of Kinesiotherapy Rehabilitation on Quadriceps Femoris Muscle Strength and Functionality in Total Hip Arthroplasty Patients.	Alejandro Gormaz-Veloso, et al, Roberto Álvarez .	Int J Morphol. 42 (4): 1033-1038.
20	Propuesta de un modelo biomecánico de la técnica de pecho en futvoley.	Pablo Merino-Muñoz, et al., Hugo Cerda-Kohler .	Retos. 51: 741-748
Neurología			
21	The Phenotypic Spectrum of Spinocerebellar Ataxia Type 19 in a Series of Latin American Patients.	Diana Ávila, et al., Marcelo Miranda	Cerebellum. 2024.
22	Inferring disease course from differential exon usage in the wide titinopathy spectrum.	Maria Francesca Di Feo, et al., Claudia Castiglioni .	Ann Clin Trans Neur. 11 (10): 2745-2755
23	Life-Saving Treatments for Spinal Muscular Atrophy Global Access and Availability.	Victor D Armengol, et al., Claudia Castiglioni .	Neurol-Clin Pract. 14 (1): e200224
24	The protean presentations of XK disease (McLeod syndrome): A case series with new observations and updates on previously reported families.	Ruth Walker, et al., Marcelo Miranda .	Front Neurosc-Switz. 18: 1408105.
Nutrición			
25	Chilean Market Protein Shakes Composition.	Carlos Jorquera; Guillermo Droppelmann ; Paula Pridal; Javier Faúndez; Felipe Feijoo.	Nutrients 16 (8). 2024
Odontología			
26	Clinical and demographic factors associated with the effectiveness of temporomandibular joint arthroscopy.	Carlos Gaete, Christian Droguett , Felipe Sáez, Paula Astorga.	Oral Maxillofac Surg 28 (1): 405-411. 2024.
Pediatría			
27	Reactance inversion in moderate to severe persistent asthma: low birth weight, prematurity effect, and bronchodilator response.	Ramiro González V., Alberto Vidal G. , José A Castro-Rodríguez, María A Palomino M., Alejandra Méndez Y.	J Asthma 1:1-7. 2024.
28	Evaluación y tratamiento de la sintomatología respiratoria relacionada con ejercicio en jóvenes atletas.	Alberto Vidal, Pedro Cortez , Marcela Matamala.	Rev Chil Enferm Respir 40: 31-40. 2024.
Psiquiatría			
29	Brain function and marijuana: Are there changes after abstinence of consumption? Preliminary results.	Sonia Neubauer, Daniel Seijas .	Actas Esp Psiquiatr. 52 (3): 301–308.

	Traumatología		
30	Anatomical repair with Achilles tendon allograft augmentation for distal Medial Collateral Ligament ruptures: A technical note.	Roberto Yáñez, Anthony Saravia, Héctor Zamorano, Gastón Caracciolo, Cristobal Yáñez-Rojo, Carlos De la Fuente	Arthrosc Tec. 10 (9): e2143–e2150
31	Cemented versus cementless unicompartmental knee arthroplasty.	Magaly Iñiguez, Zoy Anastasiadis, María Ignacia Nazer, Rodrigo Sandoval.	J ISAKOS 9 (6): 100340.
32	Chondral regeneration in Femoroacetabular lesions is favored using Peripheral Blood Stem Cells with Hyaluronan-Based Scaffold and Micro-Drilling: A Prospective Cohort Study.	Juan Monckeberg, Claudio Rafols, Phillipe Gerhard, Julio Rosales, Marco Verdugo, Carlos De la Fuente.	J Exp Orthp. 1 (3): e70009.
33	Periprosthetic Hip Fracture due to Ballistic Injuries.	Felipe Sandoval, Joaquin Valenzuela, Maximiliano Carmona, Benjamen Guiloff, Martin Salgado	Arthroplast Today. 30: 101547
34	Finite element graft stress for anteromedial portal, transtibial, and hybrid transtibial femoral drillings under anterior translation and medial rotation: an exploratory study.	Roberto Yáñez, Rony Silvestre, Matias Roby, Camilo Azar	Sci Rep 14, 11922 (2024).
35	Explainable Machine Learning Techniques to Predict Muscle Injuries in Professional Soccer Players through Biomechanical Analysis.	Maily Caldeón, Rony Silvestre, Roberto Yáñez.	Sensors 24 (1): 119. 2024.
36	Postural and lumbopelvic control: Crucial factors in the functionality of patients with low back pain - A descriptive cross-sectional study.	Katherine Stöwhas, Guillermo Droppelmann, Carlos Jorquera, Felipe Feijoo.	J. Clin. Med. 2024, 13(13), 3836
37	Exploratory ACL graft stress during medial knee rotation with and without Iliotibial band-intermuscular septum lateral extra-articular tenodesis for transtibial and anteromedial femoral tunnels.	Roberto Yáñez, Rony Silvestre, Matias Roby, Alejandro Neira, Samuel Madera, Carlos De la Fuente, Carlos De la Fuente.	Appl. Sci. 2024, 14(12), 5160
38	Unique case study: Impact of single-session neuromuscular biofeedback on motor unit properties following 12 days of Achilles tendon surgical repair.	Carlos De la Fuente, Rony Silvestre, Julio Botello, Alejandro Neira, Macarena Soldan.	Physiol Rep. 2024 Jan;12(1): e15868.
39	Nonsurgical management of shoulder pain in rotator cuff tears: ultrasound-guided biceps tenotomy combined with corticosteroid injection.	Nicolás García, Guillermo Droppelmann, Nicolás Oliver, Carlos Jorquera, Julio Rosales.	Arthroscopy Techniques 13 (2): 102847. 2024.
40	Myotendinous junction anesthesia: an alternative infiltration site for ultrasound-guided injections.	Julio Rosales, Guillermo Droppelmann, Nicolás García, Anthony Saravia, Claudio Molina, Carlos Jorquera.	Arthroscopy Techniques 0 (0): 103195. 2024
Urología			
41	Artificial Intelligence in Urology: Application of a machine learning model to predict the risk of urolithiasis in a general population.	Catherine Sánchez, Juan Fulla.	Journal of Endourology (online EAP)
42	Predictors of symptomatic relief in water vapor thermal therapy for prostatic hyperplasia: 36-month prospective study.	Sebastián Arroyave, Juan Fulla.	World J Urol. 42 (1): 576.
43	Litiasis y hábitos dietarios: estudio observacional en una población que reside en Chile	Belén Giménez-Barros, Catherine Sánchez, Juan Fulla.	Rev Chil Uro. 2024; 89 (4): 137-144
44	Outcomes of retrograde ureteroscopy in Chinese infants and toddlers under 3 years old with ureteric stones from a single center.	Bernardita Troncoso.	J Pediatr Urol S1477-5131 (24)00047-0. 2024.

14	High-intensity interval training prevents muscle mass loss in overweight Chilean young adults during a hypocaloric-Mediterranean diet: a randomized trial.	Matías Monsalves, Teresa Jiménez, Daniel Bunout, Gladys Barrera, Sandra Hirsch, Carlos Sepúlveda, Claudio Silva, Juan Rodríguez, Rodrigo Troncoso, María Pía de la Maza.	Front. Nutr., Sec. Sport and Exercise Nutrition, Volume 10 – 2023
15	Next steps to advance general physical activity recommendations towards physical exercise prescription: a narrative review.	Raúl Festa, Emilio Jofré, Alejandro Candia, Matías Monsalves, Marcelo Flores, Luis Peñailillo, Gabriel Nasri Marzuca, Nicolas Aguilar, Nicole Fritz, Jorge Cancino, Johana Soto, Carlos Sepúlveda, Álvaro Huerta, Cristian Núñez, Denisse Valladares, Sebastián Jannas.	BMJ OpenSport & Exercise Medicine 9 (4): e001749. 2023.
16	Wound drain in lumbar arthrodesis for degenerative disease: an experimental, multicenter, randomized controlled trial.	Marcelo Molina, Ramón Torres, Magdalena Castro, Lucio Gonzáles, Karen Weissmann, Maripaz Martinez, Marcos Ganga, Roberto Postigo.	Spine J 23(4): 473-483. 2023
17	High-accuracy detection of supraspinatus fatty infiltration in shoulder MRI using convolutional neural network algorithms.	Juan Pablo Saavedra, Guillermo Droppelmann, Nicolás García, Carlos Jorquera, Felipe Feijoo.	Frontiers in Medicine. 2023; 10: 1070499
18	Mechanical Determinants of Sprinting and Change of Direction in Elite Female Field Hockey Players.	Alejandro Bustamante-Garrido, Mikel Izquierdo, Bianca Miarka, Ariel Cuartero, Jorge Pérez, Esteban Aedo, Hugo Cerda-Kohler.	Sensors 23(18), 7663. 2023.
19	Cross-cultural adaptation and validation of the KOOS, JR questionnaire for assessing knee osteoarthritis in Spanish-speaking patients.	Rodrigo Guilloff, Magaly Iñiguez, Tomás Prado, Francisco Figueroa, Nicolás Olavarría, Eduardo Carrasco, Enrique Ergas, Martín Salgado, Stephen Lyman.	Knee Surg Sports Traumatol Arthrosc 31(12): 5413-5419. 2023
20	Role of Lateral Ankle Ligaments in Vertical Stability of the Fibula: A Cadaveric Model.	Jorge Filippi, Paulina Gutiérrez, José Quezada, Jafet Massri, Gonzalo Bastías, Rodrigo Melo, Catalina Vidal, Rony Silvestre.	Foot Ankle Int 44(11):1192-1198. 2023.
21	Preseason multiple biomechanics testing and dimension reduction for injury risk surveillance in elite female soccer athletes: short communication.	Carlos De la Fuente, Rony Silvestre, Roberto Yañez, Matias Roby, Macarena Soldán, Wilson Ferrada, Felipe Carpes.	Sci Med Footb 7(2): 183-188. 2023.
22	Eccentric Resistance Training: A Methodological Proposal of Eccentric Muscle Exercise Classification Based on Exercise Complexity, Training Objectives, Methods, and Intensity.	Carlos Burgos-Jara, Hugo Cerda-Kohler, Esteban Aedo-Muñoz, Bianca Miarka.	Applied Sciences 13 (13): 7969. 2023.
23	Multiclass Support Vector Machine improves the Pivot-shift grading from Gerdy's acceleration resultant prior to the acute Anterior Cruciate Ligament surgery.	Roberto Yañez-Díaz, Matías Roby, Rony Silvestre, Héctor Zamorano, Francisco Vergara, Carlos Sandoval, Alejandro Neira, Cristóbal Yañez-Rojo, Carlos De la Fuente.	Injury 54 (6): 1770-1774. 2023.
24	Distal overactivation of gastrocnemius medialis in persistent plantarflexion weakness following Achilles.	Carlos De la Fuente, Eduardo Martinez, Emmanuel da Rocha, Jeam Geremia, Marco Vaz, Felipe Carpes.	J Biomech. 2023; 148: 111459.
25	Latin American formal consensus on the appropriate indications of extra-articular lateral procedures in primary anterior cruciate ligament reconstruction.	Maximiliano Barahona, Manuel Mosquera, Vitor De Padua, Hernán Galan, Juan Del Castillo, Sebastián Mejias, Fernando Bacarreza, Olman Araya, André Kuhn; Roberto Yañez.	J ISAKOS 8(3):177-183. 2023.
26	Eccentric and concentric contraction of multifidus lumborum and longissimus muscles during flexion-relaxation test using discrete wavelet transform.	Rony Silvestre, Juan Carlos Letelier, Marcelo Perez, Manuela Cifré, Carlos De la Fuente.	Sport Sciences for Health 19 (3): 909 – 917. 2023.
27	Green tea supplementation favors exercise volume in untrained men under cumulative fatigue.	Álvaro Machado, William da Silva, Camila Andrade, Carlos De la Fuente, Mauren Souza, Felipe Carpes.	Science & Sports. 2023;38 (4), 385-393.