

Resource Summary Report

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Nexus

RRID:SCR_015001

Type: Tool

Proper Citation

Nexus (RRID:SCR_015001)

Resource Information

URL: <https://www.vicon.com/products/software/nexus>

Proper Citation: Nexus (RRID:SCR_015001)

Description: Data capture software for use with Vicon motion capture system. Its features include MATLAB integration, Python pre-installed, customized workflow, and automated quality assessment.

Synonyms: Nexus 2, Nexus 1.8.5, Nexus 2.5.0, Nexus 2.4.0

Resource Type: data acquisition software, software resource, software application, data processing software

Keywords: biomechanics, motion capture

Availability: Available for download

Resource Name: Nexus

Resource ID: SCR_015001

Alternate URLs: <https://www.vicon.com/downloads/core-software/nexus>

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260804T043558+0000

Ratings and Alerts

No rating or validation information has been found for Nexus.

No alerts have been found for Nexus.

Data and Source Information

Usage and Citation Metrics

We found 373 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Derksen A, et al. (2026) Load Management After Gluteal Tendon Repair: A Controlled Laboratory Study. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*, 44(1), e70107.

Kim HJ, et al. (2026) Effects of core-lower limb coordinated Pilates on gait and balance in women with flexible pes planus: a pilot randomized controlled trial. *International biomechanics*, 13(1), 1.

Delacoux M, et al. (2025) Gaze following in pigeons increases with the number of demonstrators. *iScience*, 28(7), 112857.

Cho S, et al. (2025) A soft 3-DOF interaction force measurement system for estimating the biomechanical effects of a soft wearable robot on the human joint. *Wearable technologies*, 6, e32.

Cao J, et al. (2025) An engineering-reinforced extracellular vesicle-integrated hydrogel with an ROS-responsive release pattern mitigates spinal cord injury. *Science advances*, 11(14), eads3398.

Collomb-Clerc A, et al. (2025) Subthalamic Electrophysiological Mapping of Gait Initiation Dynamics and Freezing in Parkinson's Disease. *Annals of neurology*, 98(5), 977.

Mullerpatan R, et al. (2025) Influence of crouch angle on lower-extremity kinetic gait profile and walk distance in children with cerebral palsy: a cross-sectional study. *BMC biomedical engineering*, 7(1), 7.

Yu T, et al. (2025) Multifunctional Fluorescent Probe for Simultaneous Detection of ATP, Cys, Hcy, and GSH: Advancing Insights into Epilepsy and Liver Injury. *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*, 12(11), e2415882.

Tancheva G, et al. (2025) High-throughput screening data generation, scoring and FAIRification: a case study on nanomaterials. *Journal of cheminformatics*, 17(1), 59.

Wang Y, et al. (2025) Dataset of walking and running biomechanics with different step widths across different speeds. *Scientific data*, 12(1), 802.

Buckley JG, et al. (2025) Comparison of Up-on-the-Toes Stand Test Performance in Young Adults and Older Adults With Diabetic Peripheral Neuropathy. *Journal of foot and ankle research*, 18(4), e70112.

Weller LJR, et al. (2025) Can External Neuromodulation Garments Improve Gait and Function in Children With Cerebral Palsy? A Prospective Single-Arm Study. *Health science reports*, 8(3), e70566.

Coomber AL, et al. (2025) A pangenome analysis reveals the center of origin and evolutionary history of *Phytophthora infestans* and 1c clade species. *PLoS one*, 20(1), e0314509.

Soares CF, et al. (2025) Obstacle Circumvention and Motor Daily Dual Task During a Simulation of Street Crossing by Individuals with Parkinson's Disease. *Life (Basel, Switzerland)*, 15(6).

Schote D, et al. (2025) Nexus: A versatile console for advanced low-field MRI. *Magnetic resonance in medicine*, 93(5), 2224.

Zschoernack V, et al. (2025) Pitfalls in the evaluation of CDKN2A copy number status in meningioma. *Journal of neuro-oncology*, 173(3), 769.

Bigand F, et al. (2025) EEG of the Dancing Brain: Decoding Sensory, Motor, and Social Processes during Dyadic Dance. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(21).

Zimmermann EA, et al. (2025) Ambulatory children with spastic cerebral palsy have smaller bone area and deficits in trabecular microarchitecture. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 40(4), 511.

Urakami H, et al. (2025) Gait Instability and Compensatory Mechanisms in Parkinson's Disease Patients With Camptocormia: An Exploratory Study. *Journal of movement disorders*, 18(2), 127.

García-Cazorla Á, et al. (2025) Safety and efficacy of leriglitazone in childhood cerebral adrenoleukodystrophy (NEXUS): an interim analysis of an open-label, phase 2/3 trial. *EClinicalMedicine*, 84, 103265.