Resource Summary Report

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MCIC

RRID:SCR_002310
Type: Tool

Proper Citation

MCIC (RRID:SCR_002310)

Resource Information

URL: http://www.nitrc.org/projects/mcic/

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Description: Expertly collected, well-curated data sets consisting of comprehensive clinical characterization and raw structural, functional and diffusion-weighted DICOM images in schizophrenia patients and gender and age-matched controls are now accessible to the scientific community through an on-line data repository (coins.mrn.org). This data repository will be useful to 1) educators in the fields of neuroimaging, medical image analysis and medical imaging informatics who need exemplar data sets for courses and workshops; 2) computer scientists and software algorithm developers for testing and validating novel registration, segmentation, and other analysis software; and 3) scientists who can study schizophrenia by further analysis of this cohort and/or by pooling with other data.

Abbreviations: MCIC

Resource Type: data or information resource, data set

Defining Citation: PMID:23760817

Keywords: clinical neuroinformatics, dicom, magnetic resonance, image collection, clinical assessment, diagnose, healthy control, neuropsychological test, psychiatric disorder, schizoaffective disorder, schizophrenia, diffusion-weighted

Related Condition: Schizophrenia, Normal control

Funding:

Availability: COINS Data Use Agreement

Resource Name: MCIC

Resource ID: SCR_002310

Alternate IDs: nlx_155657

Record Creation Time: 20220129T080212+0000

Record Last Update: 20250507T060045+0000

Ratings and Alerts

No rating or validation information has been found for MCIC.

No alerts have been found for MCIC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Yoshimura S, et al. (2024) Safety and Effectiveness of Vibegron in Japanese Patients With Overactive Bladder: A Japanese Postmarketing Survey. Lower urinary tract symptoms, 16(6), e12535.

Alqhtani RS, et al. (2024) Efficacy of Core-Strengthening and Intensive Dynamic Back Exercises on Pain, Core Muscle Endurance, and Functional Disability in Patients with Chronic Non-Specific Low Back Pain: A Randomized Comparative Study. Journal of clinical medicine, 13(2).

Areias AC, et al. (2024) Exploring the Importance of Race and Gender Concordance Between Patients and Physical Therapists in Digital Rehabilitation for Musculoskeletal Conditions: Observational, Longitudinal Study. Journal of medical Internet research, 26, e65354.

Ballester PL, et al. (2023) Gray matter volume drives the brain age gap in schizophrenia: a SHAP study. Schizophrenia (Heidelberg, Germany), 9(1), 3.

Gkika V, et al. (2023) The Efficacy, the Treatment Response and the Aquaretic Effects of a Three-Year Tolvaptan Regimen in Polycystic Kidney Disease Patients. Clinics and practice, 13(5), 1035.

Jiang Y, et al. (2023) Two neurostructural subtypes: results of machine learning on brain images from 4,291 individuals with schizophrenia. medRxiv : the preprint server for health sciences.

Sato H, et al. (2023) Mirabegron versus vibegron in previously untreated female patients with overactive bladder: A randomized, single-clinic, open-label trial. Lower urinary tract symptoms, 15(4), 129.

Zhai J, et al. (2023) Baduanjin exercise for chronic non-specific low back pain: protocol for a series of N-of-1 trials. BMJ open, 13(11), e070703.

Balta S, et al. (2023) The relationship between neuropathic pain and the outcomes of minimally invasive pain management in rotator cuff ruptures. Medicine, 102(45), e35940.

Ohtsuru T, et al. (2023) Freeze-dried noncoagulating platelet-derived factor concentrate is a safe and effective treatment for early knee osteoarthritis. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA, 31(11), 4716.

Yeole AB, et al. (2022) Efficacy and Safety of Pregabalin Prolonged Release-Etoricoxib Combination Compared to Etoricoxib for Chronic Low Back Pain: Phase 3, Randomized Study. Pain and therapy, 11(4), 1451.

Royuela A, et al. (2021) Physician-Related Variability in the Outcomes of an Invasive Treatment for Neck and Back Pain: A Multi-Level Analysis of Data Gathered in Routine Clinical Practice. International journal of environmental research and public health, 18(8).

Demoulin N, et al. (2021) Limited Performance of Estimated Total Kidney Volume for Follow-up of ADPKD. Kidney international reports, 6(11), 2821.

Chen J, et al. (2021) Sparse deep neural networks on imaging genetics for schizophrenia case-control classification. Human brain mapping, 42(8), 2556.

Zhang T, et al. (2021) Predicting MCI to AD Conversation Using Integrated sMRI and rs-fMRI: Machine Learning and Graph Theory Approach. Frontiers in aging neuroscience, 13, 688926.

Abdolalizadeh A, et al. (2021) White matter microstructural associates of apathy-avolition in schizophrenia. Journal of psychiatric research, 142, 110.

Foroozandeh Shahraki M, et al. (2020) MCIC: Automated Identification of Cellulases From Metagenomic Data and Characterization Based on Temperature and pH Dependence. Frontiers in microbiology, 11, 567863.

Alamrani S, et al. (2020) Outcome measures evaluating physical functioning and their

measurement properties in adolescent idiopathic scoliosis: a protocol for a systematic review. BMJ open, 10(4), e034286.

Basile GA, et al. (2020) Structural Connectivity-Based Parcellation of the Dopaminergic Midbrain in Healthy Subjects and Schizophrenic Patients. Medicina (Kaunas, Lithuania), 56(12).

LoRusso S, et al. (2019) Clinical trial readiness to solve barriers to drug development in FSHD (ReSolve): protocol of a large, international, multi-center prospective study. BMC neurology, 19(1), 224.