

## CURRICULUM VITAE MAJID BAREKATAIN



### **CONTACT INFORMATION:**

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### **PERSONAL INFORMATION:**

Date of Birth: July 11, 1968  
Nationality: Iranian  
Marital status: Married  
Children: 2 sons

### **CURRENT STATUS:**

Professor of Neuropsychiatry,  
Head of The Department of Psychiatry,  
School of Medicine,  
Isfahan University of Medical Sciences

### **EDUCATIONAL BACKGROUND:**

2007	<i>Postgraduate Positions:</i> Neuropsychiatry Unit, Royal Melbourne Hospital, The University of Melbourne, Melbourne, Victoria, Australia
2000-2003	<i>Scientific qualifications:</i> Isfahan University of Medical Sciences
1987-1994	<i>Academic training:</i> Tehran University of Medical Sciences

**PROFESSIONAL EXPERIENCES:**

Since 2020	Full member of the ethics committee of school of medicine, Isfahan University of Medical Sciences
2020-2022	Head of the department of psychiatry, Isfahan University of Medical Sciences
Since 2020	Managing editor of Journal of research in Behavioral Sciences, Isfahan University of Medical Sciences
Since 2019	Full member of the National Board of Psychiatry
Since 2019	Full member of the board of trustees of National Brain Mapping Center
Since 2018	Member of the National Brain Mapping Center science and technology council
Since 2018	Founder and chief of Isfahan Cognitive Science Laboratory as the joint project for neural science between Isfahan University of Medical Sciences, University of Isfahan and Cognitive Sciences and Technologies Council, Isfahan, Iran
Since 2017	Founder and chief of the first neuropsychiatry center in Iran at Kashani university hospital, Isfahan University of Medical Sciences
2013-2019	Chief-editor, Journal of Isfahan Medical School, Isfahan University of Medical Sciences
2011-2013	Deputy of Education, Khorshid university hospital, Isfahan University of Medical Sciences
Since 2009	Editorial Team, Arya Atherosclerosis Journal
Since 2006	Consultant neuropsychiatrist, Isfahan Comprehensive Epilepsy Program, Ayatollah Kashani Hospital, Isfahan University of Medical Sciences, Isfahan, Iran
2005 - 2008	Head of Psychiatry Unit, Khorshid University Hospital, Isfahan University of Medical Sciences, Isfahan, Iran
Since 2005	Academic staff, Behavioral Sciences Research Center, Isfahan University of Medical Sciences, Isfahan, Iran
2003-2005	Head of Psychiatric Emergency Services, Khorshid University Hospital, Isfahan University of Medical Sciences, Isfahan, Iran

**EMPLOYMENT HISTORY:**

Since 2021	Associate faculty member of Institute for Cognitive Science Studies, Tehran, Iran
Since 2014	Professor of Neuropsychiatry, Department of Psychiatry, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
2008-2014	Associate Professor of Psychiatry, Department of Psychiatry, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
2003- 2008	Assistant Professor of Psychiatry, Department of Psychiatry, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
2000-2003	Resident of Psychiatry, Department of Psychiatry, School of Medicine,

1995-2000 Isfahan University of Medical Sciences, Isfahan, Iran.  
Consultant Physician (private office)

**CURRENT NATIONAL PROJECT:**

2022 establishment a database for big-data processing in the Comprehensive Epilepsy Center  
A collaborative work with Cognitive Sciences & Technologies Council and National Brain Mapping Lab  
My role: Supervisor  
Authority: Vice Chancellor for Research, Isfahan University of Medical Sciences, Isfahan, Iran  
Granted by: Cognitive Sciences and Technologies Council

**CURRENT RESEARCH PROJECTS:**

2022 Evaluation of repeated Transcranial Magnetic Stimulation (rTMS) for improvement of working memory in patients with Multiple Sclerosis by combined EEG-MRI brain mapping technique  
My role: Supervisor  
Authority: Vice Chancellor for Research, Isfahan University of Medical Sciences, Isfahan, Iran  
Granted by: Cognitive Sciences and Technologies Council

2020 Serious games for cognitive rehabilitation  
My role: Supervisor  
Authority: Vice Chancellor for Research, Isfahan University of Medical Sciences, Isfahan, Iran  
Granted by: Cognitive Sciences and Technologies Council

**TEACHING EXPERIENCE:**

Since 2021 Teaching cognitive psychology for postgraduates at Institute for Cognitive Science Studies, Tehran, Iran  
Since 2019 Fellow program in neuropsychiatry  
Division of neuropsychiatry at Ayatollah Kashani hospital, Isfahan University of Medical Sciences  
2018-2020 Teaching cognitive psychology for postgraduates at Department of

Since 2016	psychology, University of Isfahan Interactive case-study workshops based on information technology methods for psychiatrists and neurologists Iranian Psychiatric Association
Since 2006	Neuropsychiatry and neuropsychology courses for residents of psychiatry, neurology, neurosurgery, and Ph.D., students of psychology Department of Psychiatry, Isfahan University of Medical Sciences and University of Isfahan, Isfahan, Iran
Since 2003	Neurobiology of mood disorders for residents of psychiatry Department of Psychiatry, Isfahan University of Medical Sciences

**PUBLICATIONS:**

**A) JOURNAL PAPERS:**

Evaluation of Cognitive Changes and Quality of Life in Patients with Refractory Frontal Lobe Epilepsy before and after Surgery for the Treatment of Epilepsy.

Journal: Journal of Isfahan Medical School. 2021 Sep 23;39(633):518-25.

Authors: Baratian H, Barekatain M, Ebrahimi A, Ansari-Shahidi M, Mehvari J.

Outcome of epilepsy surgery in lesional epilepsy: Experiences from a developing country.

Journal: Epilepsy & Behavior. 2021 Sep 1;122:108221.

Authors: Habibabadi JM, Moein H, Jourahmad Z, Ahmadian M, Basiratnia R, Zare M, Fesharaki SS, Badihian S, Barekatain M, Tabrizi N.

Presurgical Language Mapping in Patients With Intractable Epilepsy: A Review Study.

Journal: Basic and Clinical Neuroscience. 2021 Mar;12(2):163.

Authors: Karami M, Habibabadi JM, Nilipour R, Barekatain M, Gaillard WD, Soltanian-Zadeh H.

Comparison of Design Fluency Test Results among Patients with Parkinson's Disease, Frontotemporal Dementia, and the Control Group.

Journal: Advanced Biomedical Research. 2021;10.

Authors: Barekatain M, Rajabi F, Ebrahimi A, Maracy MR, Akbaripour S.

Comparison of Cognitive Rehabilitation versus Donepezil Therapy on Memory Performance, Attention, Quality of Life, and Depression among Multiple Sclerosis Patients.

Journal: Neurology Research International. 2020 Nov 22;2020.

Authors: Shahpouri MM, Barekatain M, Tavakoli M, Mirmosayyeb O, Safaei A, Shaygannejad V.

The epigenetic overlap between obesity and mood disorders: a systematic review.

Journal: International Journal of Molecular Sciences. 2020 Jan;21(18):6758.

Authors: Gharipour M, Barekatain M, Sung J, Emami N, Sadeghian L, Dianatkah M, Sarrafzadegan N, Jahanfar S.

A systematized review of cognitive load theory in health sciences education and a perspective from cognitive neuroscience.

Journal: Journal of Education and Health Promotion. 2020;9.

Authors: Ghanbari S, Haghani F, Barekatain M, Jamali A.

Language representation and pre-surgical language mapping in pediatric epilepsy: A narrative review

Journal: Iranian Journal of Child Neurology 2020; 14 (3), 7-18

Authors: M Karami, R Nilipour, M Barekatain, WD Gaillard

Cognitive function, memory and intelligence state in Neuromyelitis optica spectrum disorder patients in Isfahan, Iran

Journal: Multiple Sclerosis Journal 2020; 25, 720

RM Dastjerdi, F Ashtari, V Shaigannejad, N Manouchehri, M Barekatain

Effect of donepezil on cognitive impairment, quality of life, and depression in multiple sclerosis patients: A randomized clinical trial

Journal: International Journal of Preventive Medicine 2020; 11(1), 69

Authors: MM Shahpouri, M Barekatain, M Tavakoli, S Badihian, V Shaygannejad

Lavender and dodder combined herbal syrup versus citalopram in major depressive disorder with anxious distress: A double-blind randomized trial

Journal: Journal of integrative Medicine In Press, 2020; Journal Pre-proof

Authors: Firoozeei T, Barekatain M, Karimi M, Zargaran A, Akhondzadeh S, Rezaeizadeh H

The Relationship between Aura and Postoperative Outcomes of Epilepsy Surgery in Patients with Mesial Temporal Sclerosis

Journal: Advanced in Biomedical Research 2020;9:3

Zare M, Mehvari Habibabadi J, Moein H, Barekatain M, Basiratnia R, Tofangsazi L.

Outcome of lesional epilepsy surgery Report of the first comprehensive epilepsy program in Iran.

Journal: Neurology Clinical Practice 2019; 9 (4) 286-295.

Authors: Mehvari J, Moein H, Basiratnia R, Badihian S, Zaki B, Manouchehri N, Zare M, Barekatain M, Rahimian E, Mehvari A, Moein P, Aghakhani Y, Amina S, Lhatoo S.

Evaluation of cognitive rehabilitation on the cognitive performance in multiple sclerosis: A randomized controlled trial.

Journal: Journal of Research in Medical Sciences 2019; 24:110.

Authors: Shahpouri MM, Barekatain M, Tavakoli M, Sanaei S, Shaygannejad V.

What motivates informal caregivers of people with dementia (PWD): a qualitative study.

Journal: BMC Palliative Care 2019; 18:105.

Authors: Zahed S, Emami M, Bazargan-Hejaz S, Eslami AA, Barekataan M, Zamani-Alavijeh F.

Establishment of a Database for Drug-Resistant Epilepsy, Isfahan Comprehensive Epilepsy Center, Iran

Journal: Journal of Isfahan Medical School 2018; 36, No. 48,  
Mehvari J, Saba N, BarekataanM, Tabrizi N, Manouchehri N.

Association between cognitive function and parameters of cardiac echocardiography and coronary artery angiography

Journal: Arquivos de Neuro-Psiquiatria 2018; 76(4): 225-230.

Authors: Teymuri Z, Mortazavi S, Hashemi Jazi M, Maracy MR, Barekataan M

Memory specificity training can improve working and prospective memory in amnesic mild cognitive impairment

Journal: Dementia and Neuropsychologia 2017; 11(3)255-261.

Authors: Emsaki G, Neshatdoot HT, Tavakoli M, Barekataan M

Predictors for surgical outcome in patients with Tumor-Associated epilepsy

Journal: Journal of Isfahan Medical School 2017; 34 (410): 1466-1474

Authors: Mehvari-Habibabadi J, Zaki B, Badihian S, Mnucchri N, Basiratnia R, Barekataan M, Zare M, Moin H, Mehvari-Habibabadi AA

Cognitive rehabilitation in patients with non-amnesic mild cognitive impairment

Journal: Journal of Research in Medical Sciences 2016; 21:95.

Authors: Barekataan M, Alavirad M, Tavakoli M, Emsaki G, Maracy MR.

Neural correlates of visual confrontation naming in Persian speaking individuals: an fMRI study

Journal: Iranian Journal of Radiology 2017; 14(2):e17875.

Authors: Khoshkhouy Delshad H, Nilipour R, Barekataan M, Oghabian MA

Automatic Diagnosis of Mild Cognitive Impairment Using electroencephalogram Spectral Features.

Journal: Journal of Medical Signals and Sensors. 2016; 6(1):25-32.

Authors: Kashefpoor M, Rabbani H, Barekataan M

Effect of motivational interview on quality of life in patients with epilepsy

Journal: Epilepsy and Behavior. 2016; 55:70-74.

Hoseini N, Mokhtari S, Momeni E, Vossoughi M, Barekataan M

Hippocampal volume and hippocampal angel (a more practical marker) in mild cognitive impairment: a case-control magnetic resonance imaging study

Journal: Advanced biomedical research. 2015; 4:192.

Basiratnia R, Amini H, Sharbafchi MR, Maracy M, Barekataan M

An Iranian normative sample of the color trails test.

Journal: Psychology & Neuroscience. 2015; 8(1):75-81.

Authors: Tavakoli M, Barekatin M, Emsaki G.

The relationship between regional brain volumes and the extent of coronary artery disease in mild cognitive impairment.

Journal: Journal of Research in Medical Sciences. 2014;19(8):739-745.

Authors: Barekatin M, Askarpour H, Zahedian F, Walterfang M, Velakoulis D, Maracy MR, Jazi MH.

Coronary artery disease and plasma apolipoprotein E4 in mild cognitive impairment

Journal: ARYA Atherosclerosis. 2014;10(5):244-251

Authors: Barekatin M, Zahedian F, Askarpour H, Maracy MR, Hashemi M, Aghaye Ghazvini MR

Adherence to Published Guidelines for Treatment of Patients with Schizophrenia in a University Hospital, Isfahan, Iran

Journal: Journal of Research in behavioral Sciences. 2014;11(6): 510-521.

Authors: Barekatin M, Garjani K, Ahmahzadeh GH, Maracy MR

Cardiac arrest associated with epileptic seizure: a case report with simultaneous EEG and ECG.

Journal: Epilepsy and Behaviour Case reports. 2014; 2:145-151.

Authors: Mehvari J, Fadaei F, Omidi S, Poorsina M, Najafi M, Gharekhani M, Beladimoghadam N, Rahimian E, Moein H, Barekatin M, Basiratnia M, Hashemi Fesharaki SS

Prevalence of hippocampal morphologic variants between healthy elderly subjects and patients with Alzheimer's disease.

Journal: Advanced Biomedical research. 2014 Jan 27;3:59.

Authors: Hekmatnia A, Basiratnia R, Koohi R, Barekatin M, Ahrar H, Hekmatnia F, Ghazavi A.

The effect of antioxidant vitamins E and C on cognitive performance of the elderly with mild cognitive impairment in Isfahan, Iran: a double blind, randomized, placebo-controlled trial

Journal: European Journal of Nutrition. 2014;53(5):1255-62.

Authors: Alavi Naeini AM, Elmadfa I, Djazayeri A, Barekatin M, Aghaye Ghazvini MR, Djalali M, Feizi A

The effect of chronic periodontitis on serum levels of tumor necrosis factor-alpha in Alzheimer disease

Journal: Dental research journal. 2013; 11(5):549-552.

Authors: Farhad SZ, Amini S, Khalilian A, Barekatin M, Mafi M, Barekatin M

Educational Needs Assessment for Psychiatry Residents to prevent Suicide: A Qualitative Approach

Journal: International Journal of Preventive Medicine. 2013 Oct;4(10):1200-5.

Authors: Barekatain M, Aminoroaia M, Samimi SM, Rajabi F, Attari A  
Factors Associated with Readmission of Ppatients At a University Hospital Ppsychiatric Ward in Iran

Journal: Psychiatry Journal. 2013; 685625

Authors: Barekatain M, Maracy MR, Hassannejad R, Hosseini R  
Aftercare services for patients with severe mental disorder: a randomized controlled trial.  
Journal: Journal of Research in Medical Sciences 2014; 19(30):240.

Authors: Barekatain M, Maracy MR, Rajabi, F, Baratian H.

Functional magnetic resonance imaging (fMRI) in functional gastrointestinal disorders (Review).  
Journal: Journal of Research in behavioral Sciences. 2012; 9(5): 1-8.

Authors: Barekatain M

Cognitive impairments in patients with intractable temporal lobe epilepsy.

Journal: Journal of Research in Medical Sciences. 2011; 11: 1466-1472.

Authors: Tavakoli M, Barekatain M, Neshat Doust HT, Molavi H, Kormi Nouri R, Moradi A, Mehvari J, Zare M

Converting three general-cognitive function scales into Persian and assessment of their validity and reliability.

Journal: International Journal of Preventive Medicine. 2011; 2:82-87.

Authors: Moin P, Khalighinejad N, Yusefi A, Farajzadegan Z, Barekatain M

Preparation, validity, and reliability of the Persian version of "Quality of Life in Epilepsy Questionnaire".

Journal: Iranian Journal of Psychiatry and Clinical Psychology. 2011; 17:35-43.

Authors: Ebrahimi A, Barekatain M, Najafi MR, Salaehzadeh M, Maracy

Outcome of single manic episode in bipolar I disorder: a six-month follow up after hospitalization.

Journal: Journal of Research in Medical Sciences. 2011; 16:56-62.

Authors: Barekatain M, Khodadadi R, Maracy MR.

Validity and reliability of the Persian language version of the Neuropsychiatry Unit Cognitive Assessment Tool.

Journal: Dementia and Geriatric Cognitive Disorders. 2010; 29:516-22.

Authors: Barekatain M, Walterfang M, Behdad M, Tavakkoli M, Mahvari J, Maracy MR, Velakoulis D

Electroconvulsive therapy in single manic episode: A case series.

Journal: The African Journal of Psychiatry. 2011; 14(1):56-9.

Authors: Mohammadbeigi H, Alizadegan S, Barekatain M



Psychometric Properties of the Persian Version of the Neuropsychiatry Unit Cognitive Assessment Tool (NUCOG) in Patients with Dementia

Journal: Iranian Journal of Psychiatry and Clinical Psychology 2010; 16(1): 14-20.

Authors: Barekatain M, Behdad M, Tavakkoli M, Mahvari J, Maracy MR, Walterfang M, Velakoulis D

Risk factors of postpartum depression in rural areas of Isfahan Province. Iran.

Journal: Archives of Iranian Medicine 2009; 12(5): 461-7.

Kheirabadi GR, Maracy MR, Barekatain M, Salehi M, Sadri G, Kelishadi M, Cassy P

ISI and MEDLINE indexed

Bifrontal versus bitemporal electroconvulsive therapy in severe manic patients.

Journal: The journal of ECT 2008; 24(3):199-202.

Authors: M Barekatain, L Jahangard, M Haghighi, F Ranjkesh

Knowledge of attitude toward experience and satisfaction with electroconvulsive therapy in a sample of Iranian patients.

Journal: The journal of ECT 2009; 25(2):106-12.

Authors: A Malekian, Z Amini, MR Maracy, M Barekatain

Emotional Quotient in Women who had Attempted Suicide by Poisoning.

Journal: Iranian Journal of Psychiatry and Clinical Psychology 2008; 14(2): 69-175.

Authors: Majid Barekatain, Mahgol Tavakkoli, Hamid Taher Neshatdoost

Exercise test interpretation in patients with major depressive disorder: are specific considerations needed?

Journal: Journal of Research in Behavioral Sciences 2008; 6(1): 7-15.

Authors: Majid Barekatain, Motahare Mirdamadi, Azade Malekian, Hashem Hojjat

A Study of Factor Structure of the Mood Disorder Questionnaire in a Sample of Iranian Pregnant Women.

Journal: Iranian Journal of Psychiatry and Behavioral Sciences 2008; 2(2): 30-34.

Authors: Majid Barekatain, Mohammad Reza Maracy, Gholam Reza Kheirabadi

Bifrontal versus right unilateral and bitemporal electroconvulsive therapy in major depressive disorder

Journal: The journal of ECT 2005; 21(4): 207-210.

Authors: F Ranjkesh, M Barekatain, S Akouchakian

Tramadol versus methadone for the management of acute opioid withdrawal:an add -on study

Journal: Journal of Research in Medical Sciences. 2006; 11(3):185-189.

Authors: M salehi, M Amanatkar, M Barekatain.

Amitriptyline efficacy in control of acute opioid withdrawal syndrome

Journal: Koomesh. 2005; 7(1):194-201.

Authors: M Salehi, A Mirkhalaf, M Barekatain

The rate of clinical response of oral loading sodium valproate in acutely manic patients (Persian)

Journal: Research in Medical Sciences. 2003; 8(4):25-29.

Authors: Shafiee K, Barekatain M, Bashardoost N, Mahmoudi J