



Faculty of Medicine-Assiut university  
Department of Neurology and Psychiatry



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## Biography of Dr. Eman Mohamed Hussein Khedr

**The name** Eman Mohamed Hussein Khedr  
**Date of birth** 1957-23-8  
**Current Position** A full professor in the Department of ,Neuropsychiatry  
Faculty of Medicine, Assiut University, September 2017  
**Specialization** Neurological and psychological diseases  
**Nationality** Egyptian  
**Religion** Muslim  
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**Loop profile ID** 86828  
<https://scholar.google.com/citations?user=QDjHpNEAAAAJ&hl=en&oi=ao>  
**Google scholar**  
**Orchid ID** <https://orcid.org/0000-0001-5679-9833>  
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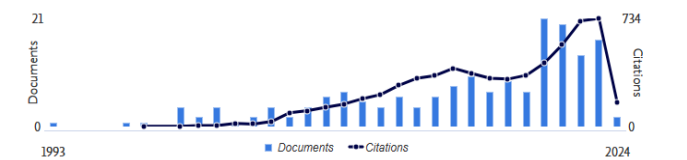
**Khedr, Eman M.**

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**Academic qualifications**

1. Bachelor of Medicine and Surgery from the Faculty of Medicine "Assiut University, with a degree of " Very Good with Honors (September 1981)
2. Master's degree in Neuropsychiatry from the Faculty of Medicine Assiut University(June 1987) .
3. Doctorate degree in Neurology from the Faculty of Medicine Assiut University (January 1993)

**Academic positions**

1982 :Houseoffice at Assiut University Hospital for a year

1983 : Resident doctor in the Department of Neurological and Psychiatric Diseases at Assiut University Hospital for 3 years

1986:Demonstrate in the Department of Neurological and Psychiatric Diseases, Assiut University Hospital



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1987:Assistance Lecturer in the Department of Neurological and Psychiatric Diseases, Assiut University Hospital

1993 : Lecturer.of Neurology, Faculty of Medicine, Assiut University

1998 :Assistant Professor of Neurology, Faculty of Medicine, Assiut University

2003: Professor of Neurology, Faculty of Medicine, Assiut University

2016 : Chairman of the Council of the Department of Neurological and Psychiatric Diseases at Assiut University Hospital and Director university hospital of Mental And neurology, Assiut university.

2017: Emeritate Professor, Department of Neuropsychiatry, Faculty of Medicine, Assiut University

Head of department of Neuropsychiatry of Aswan University Hospital 9-

2013 till Now

Scientific assignments abroad

- A. Post doctor Training course in Neurophysiology at Gentoft Hospital, Copenhagen (Denmark) 1998 supervised by Professor Fredrekson.



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- B. Training course for diagnosis and management of Parkinson's Disease Patients at Oregon University Hospital (Portland) 2000, supervised by Professor John Nutt.
- C. Postdoctor fellowship to study methods of measuring cortical excitability in different diseases for 3 months in Sobell Department of Motor Neuroscience and Movement Disorders. National Hospital for Neurology and Neurosurgery, Queen Square, London, UK 2001 and also for another 1 month in 2003 supervised by Professor John Rothwell (head of Department)

### **The awards**

- She was mentioned in the Stanford's list of the most distinguished and influential scientists in the world (2%) in 2023
- Dr. Eman Khader was chosen as a consultant from the Arab Republic of Egypt to the World Health Organization Globalism (Consultant member for WHO for RCTs (Randomized Clinical Trials) on behavior of Egypt)
- Dr. Iman Khader's name was mentioned in a book (Female pioneers from ancient Egypt and the middle east)  
<https://link.springer.com/book/10.1007/978-981-16-1413-2>  
[Female Pioneers from Ancient Egypt and the Middle East: On the Influence of History on Gender Psychology | SpringerLink](#)  
Published by springer nature



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- Awarded the First Class Medal of Sciences and Arts by the President of the Republic 2019
  - State Appreciation Award in Medical Sciences from the Academy of Scientific Research and Technology 2018
  - Excellence in Scientific Publication Awards (ESCPA) 2012
  - National Award of Excellence in Modern technology of Medical Science, year 2010 from The National Academy for Scientific research and Technology
  - Award of Scientific Excellence in Medicine in 2003 from Assiut University
  - National Encouraging Award in Medical Science, year 2000 from The National Academy for Scientific research and Technology
  - Award of the best scientific research in Neurology in 1996 from The Egyptian society of Neurology , Psychiatry and Neurosurgery

### **Research projects**

- Participate in a study(gut microbiota in neurological disease)
- Participate in a study Genes for Alzheimer's disease and Parkinson's disease in partnership with the American University in Cairo
- The effectiveness of nitric oxide in stroke (ENOS).



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- He also participated as a member of the research project on treating chronic tinnitus using magnetic induction TRI Grant EK 06 05 (Grant ID) “Novel therapeutic approaches to the treatment of chronic tinnitus: a prospective study. ”
  - The doctor also participated as a member of the research project of .the Euro-Mediterranean Neuroscience Program
  - **Membership in scientific bodies and societies**
    1. Egyptian Society of Neurology, Psychiatry and Neurosurgery
    2. Pan Arab Union of Neurological Sciences
    3. National council for women
    4. Egyptian Society for Medical Psychiatry
    5. Pan Arab Union of Psychiatry.
    6. Egyptian Society of National Award Winners in Science
    7. American Diabetes Association 2001
- Member of a research team with researchers from abroad

**1. Professor John C Rothwell professor of human**

**neurophysiology:** Sobell Department of Motor Neuroscience and Movement Disorders, National Hospital for Neurology and Neurosurgery, Queen Square, London, UK

**2. Jean-Pascal Lefaucheur:** Department of Physiology, Henri

Mondor Hospital, Assistance Publique - Hôpitaux de Paris, Créteil,



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France; EA 4391, Nerve Excitability and Therapeutic Team,  
Faculty of Medicine, Paris Est Créteil University, Créteil, France.

Electronic address: [jean-pascal.lefaucheur@hmn.aphp.fr](mailto:jean-pascal.lefaucheur@hmn.aphp.fr) .

3. **Dr Felipe Fregni**, Assistant Professor of Neurology, Harvard  
Medical School. Director, Laboratory of Neuromodulation,  
Spaulding Rehabilitation Hospital.

- Member of the Board of Directors of the Alumni Association of  
. Assiut Faculty of Medicine

- **Working papers submitted to specialized conferences, seminars and workshops**
- Dr. Eman Khader participated in attending conferences organized by the Egyptian Society of Neuropsychiatry and Neurosurgery. He also participated in the annual scientific conferences organized by the Assiut and Aswan Faculty of Medicine by attending and giving scientific .lectures
- He participated in organizing all the conferences organized by the ,of Neurological department in cooperation with the Egyptian Society for Neurological, Psychiatric and Psychiatric and Neurosurgery Neurosurgery.

Conference name	Subtype
Neuropsychiatry conference of Aswan University from 2016-2023	Chairman of the conference
International upper Egypt and neuropsychiatry conference from 2022-2023	Chairman of the conference



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<b>Conference of neurohabilitation, neurorepair, brain care chapter from 2022-2023</b>	Chairman of the conference
<b>Annual meeting of neuropsychiatry department of Assiut university (2018-2023)</b>	As a lecturer
<b>5th MS SUNIT MAGNISM (2023 )</b>	Chairman of the conference
<b>MS SUNIT MAGNISM from 1st to 4th</b>	As a lecturer
<b>1<sup>ST</sup> Ms Egypt specializes in medical center conference</b>	Chairman of the conference
<b>15th Annual meeting of neuropsychiatry department of Assiut university 2017</b>	Chairman of the conference
<b>The first Euro-Mediterranean program workshop was held on April 28- as well as the third workshop held on October 25-26 ,2010 ,29 2011</b>	Chairman of the conference
<b>30th International Congress of Clinical Neurophysiology (ICCN) March 19–23, 2014 • Berlin • <a href="http://www.iccn2014.de">www.iccn2014.de</a></b>	As a lecturer
<b>“ImpactG” - Improvement of the research competitiveness in neuroscience at the Ernst-MoritzArndt-University of Greifswald Neuroscience Group at the Medical Faculty of the University of Greifswald</b> <b>Brain stimulation and brain repair mechanisms, behavioral and clinical effects. International symposium September 2-4, 2010</b>	As a lecturer
<b>- Second International neuromed workshop 10-11 June, 2010 Faculty of Science, Sidi Mohamed B Abdellah University Fez – Morocco.</b>	As a lecturer
<b>Third International Conference on Transcranial Magnetic and Direct Current Stimulation October 1-4, 2008 University of Göttingen Lecture Hall 008, Central Lecture Hall Building</b>	As a lecturer
<b>3rd Tinnitus Research Initiative Meeting Stresa, 24-26 June 2009</b>	As a lecturer
<b>The second scientific meeting of the tinnitus research initiative 7-21 July 2007 Monaco.</b>	As a lecturer
<b>The first scientific meeting of the tinnitus research initiative 27-29 July 2006 Monaco .</b>	As a lecturer





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### List of supervised thesis

Nearly 70 master's and doctoral thesis were supervised (48 thesis from Assiut University, 15 from Aswan University, and 7 from Qena University)

### Joining international publishing journals

- The editors board of **The Egyptian Journal of Neurology, Psychiatry and Neurosurgery** Affiliated with **springer**.
- The editors board of **Neurophysiologic clinic**
- **The editors board of Brain Sciences**
- The editors board of **Frontiers in Neurology** (Neurorehabilitation section)
- The editors board of the Journal of the Faculty of Medicine Assiut University
- **Member of the Standing Committee for Promotions for Professors and Assistant Professors of Neurology from the ,10th11th, 13th, 14th session.**

### Input In the work of research centers

1. Dr. Iman Khader contributed to establishing a unit multiple sclerosis in Qena - Iman Hospital in Assiut - Abu Tig Hospital in Assiut - She is also a supervisor of the Upper Egypt committees formultiplesclerosis



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units and a member of the higher committee of multiplesclerosis in Egypt

2. Dr. Eman Khadr contributed to establishing the Neurophysiology Unit in the Department of Neurological and Psychiatric Diseases, Faculty of Medicine - Assiut University
3. Dr. Eman Khader contributed to the establishment of the Plasmapheresis unit, the magnetic induction unit, the cerebral arterial ultrasound unit, the renovation of intensive care, and the special section of the Department of Neurological and Psychiatric Diseases Faculty of Medicine - Assiut University
4. Dr. Eman Khader also contributed to establishing the Hospital for - Neurological, Psychiatric and Neurosurgery, Faculty of Medicine . Assiut University
5. Dr. Eman Khader also contributed to the establishment and establishment of the Department of Neurological and Psychiatric Diseases, Faculty of Medicine, Aswan University

### **Participation in international books**

1. Brady MC, Ali M, VandenBerg K, et al. Complex speech-language therapy interventions for stroke-related aphasia: the RELEASE study incorporating a systematic review and individual participant data network meta-analysis. Southampton (UK): National Institute for Health and Care Research; 2022 Sep. (Health and Social Care Delivery Research, No. 10.28.) Available from: <https://www.ncbi.nlm.nih.gov/books/NBK584830/> doi: 10.3310/RTLH7522
2. Eman M Khedr. Noninvasive S stimulation for T treatment of M ovement D isorders. Chapter 12 In: Textbook of Therapeutic Cortical Stimulation ISBN 978-1-60692-537-9. Edited by : Sergio Canavero © 2009 Nova Science Publishers, Inc.
3. Eman M Khedr. Treatment of Parkinson's disease with rTMS. In Textbook The Repetitive Transcranial Magnetic Stimulation (rTMS) Ed.: J. Málly 2009.
4. Textbook: The repetitive transcranial magnetic stimulation in the treatment and rehabilitation of the central nervous diseases. (2009) chapter 8 "treatment of Parkinson's disease with rTMS. Eurobridge Co (Publisher)
5. Lefaucheur J, Khedr E: Repetitive Transcranial Magnetic Stimulation in Non-Psychiatric Disorders: Pain, Parkinson's Disease, Stroke, Tinnitus



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Marcolin MA, Padberg F (eds): Transcranial Brain Stimulation for Treatment of Psychiatric Disorders. Adv Biol Psychiatr. Basel, Karger, 2007, vol 23, pp 134-154

6. Text Book titled "Transcranial Brain Stimulation for Treatment of Psychiatric Disorders". (2007) edited by Marco Antonio Marcolin and Frank Padberg. A volume in the series 'Advances in Biological Psychiatry' The chapter titled " rTMS in non psychiatric disorders: Pain, Parkinson, Stroke, Tinnitus. Jean-Pascal Lefaucheur <sup>a,\*</sup> and Eman M. Khedr <sup>ba</sup> Service de Physiologie, Explorations Fonctionnelles, Hôpital Henri Mondor, Créteil, France; <sup>b</sup> Department of Neurology, Assiut University Hospital, Assiut, Egypt; Karger (Publisher)
7. Textbook of therapeutic cortical stimulation. (2009) Editor: Sergio Canavero. Chapter 12; Non invasive stimulation for treatment of movement disorders (pp 183-201) Nova publisher >

### **Participation in scientific research**

1. [A prospective study of the effect of COVID-19 on psychiatric symptoms and sleep problems from infection to 9-month follow-up](#)  
RM El-Morshedy, MM El-Kholy, EM Khedr, GK Ahmed, E Yassin,  
European Archives of Psychiatry and Clinical Neuroscience, 1-10
2. [Long-term outcomes of plasma exchange versus intravenous immunoglobulin for the treatment of Guillain-Barré Syndrome: A double-blind, randomized clinical trial](#)  
NA Haridy, MM Shehab, EM Khedr  
Restorative Neurology and Neuroscience, 1-15
3. [EDSS and Infratentorial White Matter Lesion Volume are Considered Predictors of Fatigue Severity in RRMS](#)  
SMSMT Hassan, MY Ezzeldin, DM Mahmoud, RK Soliman, T Desoky, ...  
Multiple Sclerosis and Related Disorders 80, 105179
4. [Fatigue and Brain Atrophy in Egyptian Patients with Relapsing Remitting Multiple Sclerosis](#)  
EM Khedr, T Desoky, A Gamea, MY Ezzeldin, AF Zaki  
Multiple Sclerosis and Related Disorders 80, 105178
5. [Predictors of long-term health-related quality of life in Guillain-Barré syndrome: A hospital-based study](#)  
EM Khedr, DM Mahmoud, GK Ahmed, NA Haridy  
Clinical Neurology and Neurosurgery 235, 108026
6. [Predictors of long-term health-related quality of life in Guillain-Barré syndrome: A hospital-based study](#)



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EM Khedr, DM Mahmoud, GK Ahmed, NA Haridy

Clinical Neurology and Neurosurgery 235, 108026

7. [Myasthenia gravis with achalasia secondary to thymoma: a case report and literature review](#)

NA Haridy, EM Khedr, AM Hasan, AA Maghraby, E Abdelmohsen, ...

The Egyptian Journal of Neurology, Psychiatry and Neurosurgery 59 (1), 1-9

8. [Identification of genetic risk loci and causal insights associated with Parkinson's disease in African and African admixed populations: a genome-wide association study](#)

M Rizig, S Bandres-Ciga, MB Makarious, OO Ojo, PW Crea, OV Abiodun, ...

The Lancet Neurology 22 (11), 1015-1025

9. [Cognitive impairment among an Egyptian sample of patients with schizophrenia and bipolar disorders: a comparative study](#)

EM Khedr, NE Ghanima, KA Elbeh, G Ahmed, B El-Fawal

Middle East Current Psychiatry 30 (1), 70

10. [Early electrophysiological study variables and their relationship with clinical presentation and outcomes of patients with Guillain-Barré syndrome](#)

EM Khedr, MM Shehab, MZ Mohamed, KO Mohamed

Scientific reports 13 (1), 14000

11. [EDSS and infratentorial white matter lesion volume are considered predictors of fatigue severity in RRMS](#)

MY Ezzeldin, DM Mahmoud, SM Safwat, RK Soliman, T Desoky, ...

Scientific Reports 13 (1), 11404

12. [The frequency and impact of tramadol addiction on acute aneurysmal subarachnoid hemorrhage: cross-sectional multicenter study](#)

A Elbassiony, EM Khedr, A Hegazy, OA Ragab, H Al-Shami, RK Soliman, ...

The Egyptian Journal of Neurology, Psychiatry and Neurosurgery 59 (1), 97

13. [Non-iatrogenic spontaneous acute spinal subdural haematoma after transforaminal lumbar interbody fusion](#)

A Aly, D D'Aquino, E Khedr, O Badmus, M Shafafy

British Journal of Neurosurgery 37 (4), 889-891

14. [Risk factors-related first episode postpartum psychosis among Egyptian women: the role of psychosocial and the biological factors](#)



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EM Khedr, ES Ramadan, MN Osman, GK Ahmed

The Egyptian Journal of Neurology, Psychiatry and Neurosurgery 59 (1), 51

15. [Recombinant tissue plasminogen activator \(rTPA\) management for first acute onset ischemic stroke with covid-19 and non-covid-19 patients](#)

EM Khedr, A Abdelwarith, G Moussa, M Saber

Journal of Stroke and Cerebrovascular Diseases 32 (4), 107031

16. [The early clinical and laboratory predictors of GBS outcome: hospital-based study, Assiut University, Upper Egypt](#)

EM Khedr, MZ Mohamed, MMM Shehab

The Egyptian Journal of Neurology, Psychiatry and Neurosurgery 59 (1), 45

17. [Effects of transcranial direct current stimulation in pain and opioid consumption after spine surgery](#)

R Hamed, EM Khedr, NA Haridy, KO Mohamed, S Elsayy

Douleur et analgésie 36 (1), 46-56

18. [Area Postrema Syndrome in Neuromyelitis Optica Spectrum Disorder: Diagnostic Challenges and Descriptive Patterns](#)

EM Khedr, HM Farweez, NA Elfetoh, ER Badawy, S Hassanein, ...

Multiple Sclerosis and Related Disorders 71, 104278

19. [Adherence to Disease Modifying Treatment Among Multiple Sclerosis Patients from Upper Egypt](#)

EM Khedr, IG Elmalky, A Gamea, DM Mahmoud, HBE Hussein

Multiple Sclerosis and Related Disorders 71, 104263

20. A, Aly, D'Aquino D, Khedr E, Badmus O, and Shafafy M. 2020. "Non-Iatrogenic Spontaneous Acute Spinal Subdural Haematoma After Transforaminal Lumbar Interbody Fusion." *British Journal of Neurosurgery* , January. <https://doi.org/10.1080/02688697.2019.1710823> .

21. A, Farrag, Farwiz HM, Khedr EH, Mahfouz RM, and Omran SM. 1998. "Prevalence of Alzheimer's Disease and Other Dementing Disorders: Assiut-Upper Egypt Study." *Dementia and Geriatric Cognitive Disorders* . <https://doi.org/10.1159/000017084> .

22. A, Leung, Donohue M, Xu R, Lee R, Lefaucheur JP, Khedr EM, Saitoh Y, et al. 2009. "rTMS for Suppressing Neuropathic Pain: A Meta-Analysis." *The Journal of Pain: Official Journal of the American Pain Society* , December. <https://doi.org/10.1016/j.jpain.2009.03.010> .



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23. AA, Karim, Lützenkirchen B, Khedr E, and Khalil R. 2017. "Why Is 10 Past 10 the Default Setting for Clocks and Watches in Advertisements? A Psychological Experiment." *Frontiers in Psychology* . <https://doi.org/10.3389/fpsyg.2017.01410> .
24. Abd-Elaziz, Saieda Abd-Elhameed, Eman M Khedr, Hanaa Abd Elhakiem Ahmed, and Hoda Diab Fahmy Ibrahim. 2015. "Effect of Cognitive Rehabilitation on Improving Cognitive Function and Activities of Daily Living Among Elderly Patients with Stroke at Assiut University Hospital." *Journal of Education and Practice* 6(24): 44–56.
25. Abdul-kader, F Farrag, Eman M Khedr, Hany Abdel-Aleem, and Tarek A Rageh. 2002. "Effect of Surgical Menopause on Cognitive Functions." *Dementia and Geriatric Cognitive Disorders* 13(3): 193–98.
26. AboElfetouh, Noha, Eman Khedr, Hesham Aboloyoun, Mahmoud Nageeb, and Ahmed Nasreldein. 2020. "Prevalence of Internal Carotid Artery Morphological Variations and Its Association with Cerebrovascular Ischemic Stroke (Hospital-Based Study)." *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery* 56 (1). <https://doi.org/10.1186/s41983-020-00221-z> .
27. AF, Farrag, Khedr EM, and Abel-Naser W. 2002. "Impaired Parvocellular Pathway in Dyslexic Children." *European Journal of Neurology* , July. <https://doi.org/10.1046/j.1468-1331.2002.00410.x> .
28. Ahmed, M, E Khedr, A El-Etraby, M Hemeda, A Nasef, et al. 2008. "Effect of Different Frequencies of Repetitive Transcranial Magnetic Stimulation on Motor Function Recovery After Acute Ischemic Stroke." *Brain Stimulation: Basic, Translational, and Clinical Research in Neuromodulation* 1 (3): 270.
29. Ahmed, Mohamed A, Esam S Darwish, Eman M Khedr, Anwer M Ali, et al. 2012. "Effects of Low Versus High Frequencies of Repetitive Transcranial Magnetic Stimulation on Cognitive Function and Cortical Excitability in Alzheimer's Dementia." *Journal of Neurology* 259(1): 83–92.
30. Ahmed, Omyma, Eman Khedr, Hanaa Mohammed, and Asmaa Gomaa. 2020. "Potential Role of Transforming Growth Factor  $\beta$  1 and Brain Derived Neurotrophic Factor in Alzheimer's and Multi-Infarct Dementias." *Bulletin of Egyptian Society for Physiological Sciences* 40(2): 103–12. <https://doi.org/10.21608/besps.2020.23455.1044> .
31. AK, Farrag, Khedr EM, Abdel-Aleem H, and Rageh TA. 2002. "Effect of Surgical Menopause on Cognitive Functions." *Dementia and Geriatric Cognitive Disorders* . <https://doi.org/10.1159/000048652> .
32. Ali, Myzoon, Andrew Elders, Jon Godwin, Anastasia Karachalia Sandri, Linda J Williams, Louise R Williams, Kathryn VandenBerg, et al. 2018. "Who Participates in Aphasia Research?" "An Analysis of the REhabilitation and Recovery of peopLE with Aphasia After Stroke (RELEASE) Data Set." *Aphasiology* 32 (sup1): 2–4.
33. Ali, Sousou I, Mostafa M Said, and Ehsan Khedre Mohammed Hassan. 2016. "Prophylactic and Curative Effects of Purslane on Bile Duct Ligation-Induced Hepatic Fibrosis in Albino Rats." *Annals of Hepatology* 10(3): 340–46.



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34. “Communicating Simply, but Not Too Simply: Reporting of Participants and Speech and Language Interventions for Aphasia After Stroke.” 2020. *International Journal of Speech-Language Pathology* 22(3): 302–12. <https://doi.org/10.1080/17549507.2020.1762000>.
35. Darweesh, Alaa El-Din M, Khaled A Mohamed, Mohamed A Ahmed, and Eman M Khedr. nd “Cortical Neuronal Excitability and Transcallosal Inhibition in Schizophrenic Patients: Transcranial Magnetic Study.”
36. De Ridder, D., W. Schlee, S. Vanneste, A. Londero, N. Weisz, T. Kleinjung, G. S. Shekhawat, et al. 2021. “Tinnitus and Tinnitus Disorder: Theoretical and Operational Definitions (an International Multidisciplinary Proposal).” *Progress in Brain Research* 260: 1–25.
37. E, Khedr, Fawi G, Abbas MA, Mohammed TA, El-Fetoh NA, Al Attar G, Noaman M, and Zaki AF. 2015. “Prevalence of Mild Cognitive Impairment and Dementia Among the Elderly Population of Qena Governorate, Upper Egypt: A Community-Based Study.” *Journal of Alzheimer's Disease: JAD* . <https://doi.org/10.3233/jad-142655> .
38. E, Khedr, Hamed SA, Elbeih E, El-Shereef H, Ahmad Y, and Ahmed S. 2008. “Iron States and Cognitive Abilities in Young Adults: Neuropsychological and Neurophysiological Assessment.” *European Archives of Psychiatry and Clinical Neuroscience* , December. <https://doi.org/10.1007/s00406-008-0822-y>.
39. E, Khedr, El-Nasser WA, Abdel Haleem EK, Bakr MS, and Trakhan MN. 2000. “Evoked Potentials and Electroencephalography in Stuttering.” *Folia Phoniatica et Logopaedica: Official Organ of the International Association of Logopedics and Phoniatrics (IALP)* . <https://doi.org/10.1159/000021532> .
40. Economos, Alexis, Clinton B Wright, Yeseon Park Moon, Tatjana Rundek, LeRoy Rabbani, Myunghee C Paik, Ralph L Sacco, et al. 2013. “Regional North American Annual Meeting of the World Federation of Neurology–Research Group on Neuroepidemiology.” University of California at San Diego, San Diego, Calif., March 22, 2013.” *Neuroepidemiology* 40(4): 296–304.
41. El Desoky, Ehab S, Eman M Khedr, Mohamed S Khalil, and Thomas Gasser. 2015. “Genetic Analysis of Leucin-Rich Repeat Kinase 2 (LRRK2) G2019S Mutation in a Sample of Egyptian Patients with Parkinson's Disease, a Pilot Study.” *Journal of Advances in Medicine and Medical Research* , 404–8.
42. El Tallawy, Hamdy N, Wafaa MA Farghly, Ghaydaa A Shehata, Tarek A Rageh, Nabil Abdel Hakeem, Noha Abo-Elfetoh, Ahmed M Hegazy, et al. 2012. “Regional North American Annual Meeting of the World Federation of Neurology–Research Group on Neuroepidemiology, Louisiana State University, New Orleans, La., April 27, 2012.” *Neuroepidemiology* 38(3): 196–202.
43. El-Ashmawy, NE, EG Khedr, HA El-Bahrawy, and EE Abd El-Fattah. 2016. “Effect of Pomegranate Hull Extract on Liver Neoplastic Changes in Rats: More Than an Antioxidant.” *Nutrition and Cancer* 68(6): 1044–51.
44. ———. 2017. “Sorafenib Effect on Liver Neoplastic Changes in Rats: More Than a Kinase Inhibitor.” *Clinical and Experimental Medicine* 17(2): 185–91.



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45. El-Ashmawy, Nahla E, Eman G Khedr, Hoda A El-Bahrawy, and Hend M Selim. 2016. "Nebivolol Prevents Indomethacin-Induced Gastric Ulcer in Rats." *Journal of Immunotoxicology* 13(4): 580–89.
46. El-Ashmawy, N., E. Khedr, H. El-Bahrawy, E. El-Mukadem, and M. Abo-Saif. 2020. "Whey Protein Upregulates Muscle Insulin Receptor Tyrosine Kinase and Is Comparable to Vildagliptin as Insulin-Sensitizer." *Romanian Journal of Diabetes, Nutrition and Metabolic Diseases* 27(4): 386–95.
47. Elbeh, Khaled AM, Yasser MB Elserogy, Hossam E Khalifa, Mohamed A Ahmed, Mahmoud H Hafez, and Eman M Khedr. 2016. "Repetitive Transcranial Magnetic Stimulation in the Treatment of Obsessive-Compulsive Disorders: Double Blind Randomized Clinical Trial." *Psychiatry Research* 238: 264–69.
48. Elsayy, S, F Boy, H Kotb, E Khedr, S Chong, and R Cregg. 2018. "High Definition Transcranial Direct Current (HD-tDCS) Stimulation over the Primary Motor and Insular Cortex Reduces Capsaicin-Induced Pain and Hyperalgesia: A Placebo-Controlled Study." *British Journal of Anaesthesia* 120 (5): e9.
49. El-Sayeh, Aly A, and ME Khedr. 1998. "Evaluation of Psychoeducational Needs of Patients with Schizophrenia and Mood Disorders and Their Relatives." *Current Psychiatry* 5 (3): 375–89.
50. El-Sharkawy, Magdy, Essam Khedr, Saeed Abdelwhab, Medhat Ali, and Kadrey El Said. 2009. "Prevalence of Hyperkalemia Among Hemodialysis Patients in Egypt." *Renal Failure* 31(10):891–98.
51. El-Shinnawy, Olfat M, Eman M Khedr, Mohamed M Metwally, Ahmad M Shaddad, Radwa Kamel Soliman, et al. 2018. "Magnetic Resonance Spectroscopy in Evaluating Cerebral Metabolite Imbalance in Chronic Obstructive Pulmonary Disease." *Egyptian Journal of Bronchology* 12 (1): 14.
52. El-Sokkary, Rehab H., Enas Daef, Lobna A. El-Korashi, Eman M. Khedr, Doaa Gad, Aliae Mohamed-Hussein, Niveen E. Zayed, et al. 2021. "Sero-Prevalence of Anti-SARS-CoV-2 Antibodies Among Healthcare Workers: A Multicenter Study from Egypt." *Journal of Infection and Public Health* 14(10): 1474–80. <https://doi.org/10.1016/j.jiph.2021.09.011>.
53. EM, Khedr. 2009a. *Noninvasive stimulation for treatment of movement disorders. Textbook of Therapeutic Cortical Stimulation* .
54. ———. 2009b. *Treatment of Parkinson's Disease with rTMS . The Repetitive Transcranial Magnetic Stimulation in the Treatment and Rehabilitation of the Central Nervous Diseases* .
55. ———. 2016. "Neurobiology of Deception and Moral Cognition." *6th International Conference for Transcranial Brain Stimulation At: Gottingen, Germany* .
56. ———. 2017. "P112 Investigations of General Cognitive Ability on the Efficiency of Slow Oscillatory-tDCS."





**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
57. ———. 2018a. “Transcranial Brain Stimulation for Treatment of Psychiatric Disorders.” *18th International Aphasia Rehabilitation Conference (IARC2018)*. At: University of Aveiro, Portugal .
58. ———. 2018b. “Who Participates in Aphasia Research? “An Analysis of the REhabilitation and Recovery of PeopLE with Aphasia After Stroke (RELEASE) Data Set.” *18th International Aphasia Rehabilitation Conference (IARC2018)*At: University of Aveiro, Portugal .
59. ———. 2020a. “RELEASE: A Protocol for a Systematic Review Based, Individual Participant Data, Meta-and Network Meta-Analysis, of Complex Speech-Language Therapy Interventions for Stroke-Related Aphasia.” *Aphasiology* . <https://doi.org/10.1080/02687038.2019.1643003> .
60. ———. 2020b. “The Role of Gut Microbiota in the Egyptian Relapsing Remitting Multiple Sclerosis Patients.” *The 8th Joint Meeting of the ACTRIMS (Americas Committee for Treatment and Research in Multiple Sclerosis) and ECTRIMS (European Committee for Treatment and Research in Multiple Sclerosis)*, Washington, USA.
61. EM, Khedr, Tony AA, Abdelwarith A, and Safwat M. 2020. “Effect of Chronic Nicotine Consumption on Motor Cortical Excitability: A Transcranial Magnetic Stimulation Study.” *Neurophysiologie Clinic = Clinical Neurophysiology* , February. <https://doi.org/10.1016/j.neucli.2019.11.003> .
62. EM, Khedr, Etraby AE, Hemeda M, Nasef AM, and Razek AA. 2010. “Long-Term Effect of Repetitive Transcranial Magnetic Stimulation on Motor Function Recovery After Acute Ischemic Stroke.” *Acta Neurologica Scandinavica* , January. <https://doi.org/10.1111/j.1600-0404.2009.01195.x> .
63. EM, Khedr, Gomaa AMS, Ahmed OG, Sayed HMM, and Gamea A. 2020. “Cognitive Impairment, P300, and Transforming Growth Factor B1 in Different Forms of Dementia.” *Journal of Alzheimer's Disease: JAD* . <https://doi.org/10.3233/jad-200885> .
64. EM, Khedr, Al Fawal B, Abdelwarith A, Saber M, and Rothwell JC. 2019. “Repetitive Transcranial Magnetic Stimulation for Treatment of Tardive Syndromes: Double Randomized Clinical Trial.” *Journal of Neural Transmission (Vienna, Austria: 1996)* , February. <https://doi.org/10.1007/s00702-018-1941-x> .
65. EM, Khedr, Al Fawal B, Abdelwarith AM, Saber M, Tony AAH, El-Bassiony A, and Rothwell JC. 2019. “Changes in Recruitment of Motor Cortex Excitation and Inhibition in Patients with Drug-Induced Tardive Syndromes.” *Neurophysiologie Clinic = Clinical Neurophysiology* , February. <https://doi.org/10.1016/j.neucli.2018.10.001> .
66. EM, Khedr, Al-Fawal B, Abdel Wraith A, Saber M, Hasan AM, Bassiony A, Nasr Eldein A, and Rothwell JC. 2019. “The Effect of 20 Hz Versus 1 Hz Repetitive Transcranial Magnetic Stimulation on Motor Dysfunction in Parkinson's Disease: Which Is More Beneficial?” *Journal of Parkinson's Disease* . <https://doi.org/10.3233/jpd-181540> .
67. EM, Khedr, El Fawal B, Abdelwarith A, Nasreldein A, Rothwell JC, and Saber M. 2019. “TMS Excitability Study in Essential Tremor: Absence of Gabaergic Changes Assessed by Silent Period Recordings.” *Neurophysiologie Clinic = Clinical Neurophysiology* , September. <https://doi.org/10.1016/j.neucli.2019.05.065> .



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
68. EM, Khedr, Hamed E, Said A, and Basahi J. 2002. "Handedness and Language Cerebral Lateralization." *European Journal of Applied Physiology* , August.  
<https://doi.org/10.1007/s00421-002-0652-y> .
69. EM, Khedr, Alkady EA, El-Hammady DH, Khalifa FA, and bin-Humam S. 2011. "Repetitive Lumbosacral Nerve Magnetic Stimulation Improves Bladder Dysfunction Due to Lumbosacral Nerve Injury: A Pilot Randomized Controlled Study." *Neurorehabilitation and Neural Repair* .  
<https://doi.org/10.1177/1545968311400091> .
70. EM, Khedr, and Aref EE. 2002. "Electrophysiological Study of Vocal-Fold Mobility Disorders Using a Magnetic Stimulator." *European Journal of Neurology* , May.  
<https://doi.org/10.1046/j.1468-1331.2002.00394.x> .
71. EM, Khedr, Sharkawy ESA, Attia AMA, Ibrahim Osman NM, and Sayed ZM. 2017. "Role of Transcranial Direct Current Stimulation on Reduction of Postsurgical Opioid Consumption and Pain in Total Knee Arthroplasty: Double Randomized Clinical Trial." *European Journal of Pain (London, England)* , September. <https://doi.org/10.1002/ejp.1034> .
72. EM, Khedr, Gilio F, and Rothwell J. 2004. "Effects of Low Frequency and Low Intensity Repetitive Paired Pulse Stimulation of the Primary Motor Cortex." *Clinical Neurophysiology: Official Journal of the International Federation of Clinical Neurophysiology* , June.  
<https://doi.org/10.1016/j.clinph.2003.08.025> .
73. EM, Khedr, Fawi G, Abdela M, Mohammed TA, Ahmed MA, El-Fetoh NA, and Zaki AF. 2014. "Prevalence of Ischemic and Hemorrhagic Strokes in Qena Governorate, Egypt: Community-Based Study." *Journal of Stroke and Cerebrovascular Diseases: The Official Journal of National Stroke Association* , August.  
<https://doi.org/10.1016/j.jstrokecerebrovasdis.2014.03.001> .
74. EM, Khedr, Fawi G, Abbas MA, Abo El-Fetoh N, Zaki AF, Gamea A, and Al Attar G. 2016. "Prevalence of Neuromuscular Disorders in Qena Governorate/Egypt: Population-Based Survey." *Neurological Research* , December. <https://doi.org/10.1080/01616412.2016.1243640> .
75. EM, Khedr, Fawi G, Abbas MA, El-Fetoh NA, Zaki AF, and Gamea A. 2016a. "Prevalence of Bell's Palsy in Qena Governorate, Egypt." *Neurological Research* , August.  
<https://doi.org/10.1080/01616412.2016.1190121> .
76. EM, Khedr, Fawi G, Abbas MA, El-Fetoh NA, Zaki AF, Ahmed MA, Soliman RK, and Gamea A. 2018. "Prevalence of Cervical and Lumbosacral Compressive Radiculopathies in Qena Governorate/Egypt: Population-Based Survey." *Clinical Neurology and Neurosurgery* , December. <https://doi.org/10.1016/j.clineuro.2018.10.003> .
77. EM, Khedr, Fawi G, Abbas MA, Mohammed TA, El-Fetoh NA, Attar GA, and Zaki AF. 2015. "Prevalence of Parkinsonism and Parkinson's Disease in Qena Governorate/Egypt: A Cross-Sectional Community-Based Survey." *Neurological Research* , July.  
<https://doi.org/10.1179/1743132815y.0000000020> .



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

78. EM, Khedr, Fawi G, Allah Abbas MA, El-Fetoh NA, Zaki AF, and Gamea A. 2016b. "Prevalence of Common Types of Compression Neuropathies in Qena Governorate/Egypt: A Population-Based Survey." *Neuroepidemiology* . <https://doi.org/10.1159/000444641> .
79. EM, Khedr, Fawi G, Allah Abbas MA, El-Fetoh NA, Al Attar G, Zaki AF, and Gamea A. 2016. "Prevalence of Diabetes and Diabetic Neuropathy in Qena Governorate: Population-Based Survey." *Neuroepidemiology* . <https://doi.org/10.1159/000444056> .
80. EM, Khedr, Al Attar GS, Kandil MR, Kamel NF, Abo Elfetoh N, and Ahmed MA. 2012. "Epidemiological Study and Clinical Profile of Parkinson's Disease in the Assiut Governorate, Egypt: A Community-Based Study." *Neuroepidemiology* . <https://doi.org/10.1159/000335701> .
81. EM, Khedr, Kotb H, Kamel NF, Ahmed MA, Sadek R, and Rothwell JC. 2005. "Longlasting Antalgic Effects of Daily Sessions of Repetitive Transcranial Magnetic Stimulation in Central and Peripheral Neuropathic Pain." *Journal of Neurology, Neurosurgery, and Psychiatry* , June. <https://doi.org/10.1136/jnnp.2004.055806> .
82. EM, Khedr, Kotb HI, Mostafa MG, Mohamad MF, Amr SA, Ahmed MA, Karim AA, and Kamal SM. 2015. "Repetitive Transcranial Magnetic Stimulation in Neuropathic Pain Secondary to Malignancy: A Randomized Clinical Trial." *European Journal of Pain (London, England)* , April. <https://doi.org/10.1002/ejp.576> .
83. EM, Khedr, Farweez HM, and Islam H. 2003. "Therapeutic Effect of Repetitive Transcranial Magnetic Stimulation on Motor Function in Parkinson's Disease Patients." *European Journal of Neurology* , September. <https://doi.org/10.1046/j.1468-1331.2003.00649.x> .
84. EM, Khedr, Rothwell JC, and El-Atar A. 2009. "One-Year Follow up of Patients with Chronic Tinnitus Treated with Left Temporoparietal rTMS." *European Journal of Neurology* , March. <https://doi.org/10.1111/j.1468-1331.2008.02522.x> .
85. EM, Khedr, Rothwell JC, Ahmed MA, and El-Atar A. 2008. "Effect of Daily Repetitive Transcranial Magnetic Stimulation for Treatment of Tinnitus: Comparison of Different Stimulus Frequencies." *Journal of Neurology, Neurosurgery, and Psychiatry* , February. <https://doi.org/10.1136/jnnp.2007.127712> .
86. EM, Khedr, Rothwell JC, Ahmed MA, Awad EM, and Galal O. 2008. "Cortical Excitability and Transcallosal Inhibition in Chronic Tinnitus: Transcranial Magnetic Study." *Neurophysiologie Clinic = Clinical Neurophysiology* , August. <https://doi.org/10.1016/j.neucli.2008.03.004> .
87. EM, Khedr, Rothwell JC, Ahmed MA, Shawky OA, and Farouk M. 2007. "Modulation of Motor Cortical Excitability Following Rapid-Rate Transcranial Magnetic Stimulation." *Clinical Neurophysiology: Official Journal of the International Federation of Clinical Neurophysiology* , January. <https://doi.org/10.1016/j.clinph.2006.09.006> .
88. EM, Khedr, Rothwell JC, Shawky OA, Ahmed MA, and Hamdy A. 2006. "Effect of Daily Repetitive Transcranial Magnetic Stimulation on Motor Performance in Parkinson's Disease." *Movement Disorders: Official Journal of the Movement Disorder Society* , December. <https://doi.org/10.1002/mds.21089> .



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
89. EM, Khedr, Rothwell JC, Shawky OA, Ahmed MA, Foly N, and Hamdy A. 2007. "Dopamine Levels After Repetitive Transcranial Magnetic Stimulation of Motor Cortex in Patients with Parkinson's Disease: Preliminary Results." *Movement Disorders: Official Journal of the Movement Disorder Society*, May. <https://doi.org/10.1002/mds.21460>.
90. EM, Khedr, Elbeh KA, Abdel Baky A, Abo-Elfetoh N, El-Hammady DH, and Korashy F. 2015. "A Double-Blind Randomized Clinical Trial on the Efficacy of Magnetic Sacral Root Stimulation for the Treatment of Monosymptomatic Nocturnal Enuresis" *Restorative Neurology and Neuroscience*. <https://doi.org/10.3233/rnn-150507>.
91. EM, Khedr, Elbeh KA, Elserogy Y, Khalifa HE, Ahmed MA, Hafez MH, Ali AM, and Elfetoh NA. 2016. "Motor Cortical Excitability in Obsessive-Compulsive Disorder: Transcranial Magnetic Stimulation Study." *Neurophysiologie Clinic = Clinical Neurophysiology*, April. <https://doi.org/10.1016/j.neucli.2016.02.003>.
92. EM, Khedr, Mohamed KO, Ali AM, and Hasan AM. 2020. "The Effect of Repetitive Transcranial Magnetic Stimulation on Cognitive Impairment in Parkinson's Disease with Dementia: Pilot Study." *Restorative Neurology and Neuroscience*. <https://doi.org/10.3233/rnn-190956>.
93. EM, Khedr, El Toony LF, Tarkhan MN, and Abdella G. 2000. "Peripheral and Central Nervous System Alterations in Hypothyroidism: Electrophysiological Findings." *Neuropsychobiology*, January. <https://doi.org/10.1159/000026638>.
94. EM, Khedr, Ahmed MA, Hamdy A, and Shawky OA. 2011. "Cortical Excitability of Amyotrophic Lateral Sclerosis: Transcranial Magnetic Stimulation Study." *Neurophysiologie Clinic = Clinical Neurophysiology*, May. <https://doi.org/10.1016/j.neucli.2011.03.001>.
95. EM, Khedr, Ahmed MA, Ali AM, Badry R, and Rothwell JC. 2015. "Changes in Motor Cortical Excitability in Patients with Sydenham's Chorea." *Movement Disorders: Official Journal of the Movement Disorder Society*, February. <https://doi.org/10.1002/mds.25928>.
96. EM, Khedr, Ahmed MA, Alkady EA, Mostafa MG, and Said HG. 2012. "Therapeutic Effects of Peripheral Magnetic Stimulation on Traumatic Brachial Plexopathy: Clinical and Neurophysiological Study." *Neurophysiologie Clinic = Clinical Neurophysiology*, April. <https://doi.org/10.1016/j.neucli.2011.11.003>.
97. EM, Khedr, Ahmed MA, Darwish ES, and Ali AM. 2011. "The Relationship Between Motor Cortex Excitability and Severity of Alzheimer's Disease: A Transcranial Magnetic Stimulation Study." *Neurophysiologie Clinic = Clinical Neurophysiology*, July. <https://doi.org/10.1016/j.neucli.2011.03.002>.
98. EM, Khedr, Ahmed MA, and Mohamed KA. 2006. "Motor and Visual Cortical Excitability in Migraineurs Patients with or Without Aura: Transcranial Magnetic Stimulation." *Neurophysiologie Clinic = Clinical Neurophysiology*. <https://doi.org/10.1016/j.neucli.2006.01.007>.
99. EM, Khedr, Ahmed MA, Fathy N, and Rothwell JC. 2005. "Therapeutic Trial of Repetitive Transcranial Magnetic Stimulation After Acute Ischemic Stroke." *Neurology*, August. <https://doi.org/10.1212/01.wnl.0000173067.84247.36>.



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

100. EM, Khedr, Ahmed MA, Shawky OA, Mohamed ES, El Attar GS, and Mohammad KA. 2010. "Epidemiological Study of Chronic Tinnitus in Assiut, Egypt." *Neuroepidemiology* . <https://doi.org/10.1159/000306630> .
101. EM, Khedr, and Trakhan MN. 2001. "Localization of Diaphragm Motor Cortical Representation and Determination of Corticodiaphragmatic Latencies by Using Magnetic Stimulation in Normal Adult Human Subjects." *European Journal of Applied Physiology* , October. <https://doi.org/10.1007/s004210100504> .
102. EM, Khedr, Abdel-Fadeil MR, Farghali A, and Qaid M. 2009. "Role of 1 and 3 Hz Repetitive Transcranial Magnetic Stimulation on Motor Function Recovery After Acute Ischaemic Stroke." *European Journal of Neurology* , December. <https://doi.org/10.1111/j.1468-1331.2009.02746.x> .
103. EM, Khedr, Abdel-Fadeil MR, El-Khilli F, and Ibrahim MQ. 2005. "Impaired Corticolingual Pathways in Patients with or Without Dysarthria After Acute Monohemispheric Stroke." *Neurophysiologie Clinic = Clinical Neurophysiology* , July. <https://doi.org/10.1016/j.neucli.2005.03.003> .
104. EM, Khedr, Abo El-Fetoh N, Ali AM, El-Hammady DH, Khalifa H, Atta H, and Karim AA. 2014. "Dual-Hemisphere Repetitive Transcranial Magnetic Stimulation for Rehabilitation of Poststroke Aphasia: A Randomized, Double-Blind Clinical Trial." *Neurorehabilitation and Neural Repair* , October. <https://doi.org/10.1177/1545968314521009> .
105. EM, Khedr, Abo El-Fetoh N, El-Hammady DH, Ghandour AM, Osama K, Zaki AF, and Gamea A. 2018. "Prognostic Role of Neurophysiological Testing 3-7 Days After Onset of Acute Unilateral Bell's Palsy." *Neurophysiologie Clinic = Clinical Neurophysiology* , April. <https://doi.org/10.1016/j.neucli.2018.02.002> .
106. EM, Khedr, and Abo-Elfetoh N. 2010. "Therapeutic Role of rTMS on Recovery of Dysphagia in Patients with Lateral Medullar Syndrome and Brainstem Infarction." *Journal of Neurology, Neurosurgery, and Psychiatry* , May. <https://doi.org/10.1136/jnnp.2009.188482> .
107. EM, Khedr, Abo-Elfetoh N, and Rothwell JC. 2009. "Treatment of Post-Stroke Dysphagia with Repetitive Transcranial Magnetic Stimulation." *Acta Neurologica Scandinavica* , March. <https://doi.org/10.1111/j.1600-0404.2008.01093.x> .
108. EM, Khedr, Abo-Elfetoh N, Rothwell JC, El-Atar A, Sayed E, and Khalifa H. 2010. "Contralateral Versus Ipsilateral rTMS of Temporoparietal Cortex for the Treatment of Chronic Unilateral Tinnitus: Comparative Study." *European Journal of Neurology* , July. <https://doi.org/10.1111/j.1468-1331.2010.02965.x> .
109. EM, Khedr, Abo-Elfetoh N, Elbeh KA, Baky AA, Gamal RM, El Hammady D, and Korashy F. 2015. "Transcranial Magnetic Stimulation Identifies Cortical Excitability Changes in Monosymptomatic Nocturnal Enuresis." *Neurophysiologie Clinic = Clinical Neurophysiology* , May. <https://doi.org/10.1016/j.neucli.2015.02.001> .
110. EM, Khedr, Abo-Elfetoh N, Ahmed MA, Kamel NF, Farook M, and El Karn MF. 2008. "Dysphagia and Hemispheric Stroke: A Transcranial Magnetic Study."



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

*Neurophysiologic Clinic = Clinical Neurophysiology* , August.

<https://doi.org/10.1016/j.neucli.2008.04.004> .

111. EM, Khedr, El Fetoh NA, El Bieh E, Ali AM, and Karim AA. 2014. "Altered Cortical Excitability in Anorexia Nervosa." *Neurophysiologic Clinic = Clinical Neurophysiology* , September. <https://doi.org/10.1016/j.neucli.2014.08.002> .
112. EM, Khedr, El Fetoh NA, Khalifa H, Ahmed MA, and El Beh KM. 2013. "Prevalence of Non Motor Features in a Cohort of Parkinson's Disease Patients." *Clinical Neurology and Neurosurgery* , June. <https://doi.org/10.1016/j.clineuro.2012.07.032> .
113. EM, Khedr, El Fetoh NA, Gamal RM, Elzohri MH, Azoz NMA, and Furst DE. 2020. "Evaluation of Cognitive Function in Systemic Sclerosis Patients: A Pilot Study." *Clinical Rheumatology* , May. <https://doi.org/10.1007/s10067-019-04884-9> .
114. EM, Khedr, Elfetoh NA, Ali AM, and Noamany M. 2014. "Anodal Transcranial Direct Current Stimulation over the Dorsolateral Prefrontal Cortex Improves Anorexia Nervosa: A Pilot Study." *Restorative Neurology and Neuroscience* . <https://doi.org/10.3233/rnm-140392> .
115. EM, Khedr, Elfetoh NA, Al Attar G, Ahmed MA, Ali AM, Hamdy A, Kandil MR, and Farweez H. 2013. "Epidemiological Study and Risk Factors of Stroke in Assiut Governorate, Egypt: Community-Based Study." *Neuroepidemiology* . <https://doi.org/10.1159/000346270> .
116. EM, Khedr, and Fetoh NA. 2010. "Short- and Long-Term Effect of rTMS on Motor Function Recovery After Ischemic Stroke." *Restorative Neurology and Neuroscience* . <https://doi.org/10.3233/rnm-2010-0558> .
117. EM, Khedr, Gamal NF, El-Fetoh NA, Khalifa H, Ahmed EM, Ali AM, Noaman M, El-Baki AA, and Karim AA. 2014. "A Double-Blind Randomized Clinical Trial on the Efficacy of Cortical Direct Current Stimulation for the Treatment of Alzheimer's Disease." *Frontiers in Aging Neuroscience* . <https://doi.org/10.3389/fnagi.2014.00275> .
118. EM, Khedr, El Shinawy O, Khedr T, Abdel Aziz Ali Y, and Awad EM. 2000. "Assessment of Corticodiaphragmatic Pathway and Pulmonary Function in Acute Ischemic Stroke Patients." *European Journal of Neurology* , September. <https://doi.org/10.1046/j.1468-1331.2000.00104.x> .
119. EM, Khedr, Galal O, Said A, Abd-El-Sameea M, and Rothwell JC. 2007. "Lack of Post-Exercise Depression of Corticospinal Excitability in Patients with Parkinson's Disease." *European Journal of Neurology* , July. <https://doi.org/10.1111/j.1468-1331.2007.01858.x> .
120. EM, Khedr, Shawky OA, El-Hammady DH, Rothwell JC, Darwish ES, Mostafa OM, and Tohamy AM. 2013. "Effect of Anodal Versus Cathodal Transcranial Direct Current Stimulation on Stroke Rehabilitation: A Pilot Randomized Controlled Trial." *Neurorehabilitation and Neural Repair* , September. <https://doi.org/10.1177/1545968313484808> .
121. EM, Khedr, Shawky OA, Ahmed MA, Elfetoh NA, Al Attar G, Ali AM, Kandil MR, and Farweez H. 2013. "A Community Based Epidemiological Study of Epilepsy in Assiut



Faculty of Medicine-Assiut university  
Department of Neurology and Psychiatry



Faculty of Medicine Assiut University

Governorate/Egypt.” *Epilepsy Research* , February.  
<https://doi.org/10.1016/j.eplepsyres.2012.08.006> .

122. EM, Khedr, Badry R, Ali AM, Abo El-Fetoh N, El-Hammady DH, Ghandour AM, and Abdel-Haleem A. 2016. “Steroid/Antiviral for the Treatment of Bell's Palsy: Double Blind Randomized Clinical Trial.” *Restorative Neurology and Neuroscience* , November.  
<https://doi.org/10.3233/rnn-150605> .
123. EM, Khedr, Salama RH, Abdel Hameed M, Abo Elfetoh N, and Seif P. 2019. “Therapeutic Role of Transcranial Direct Current Stimulation in Alzheimer's Disease Patients: Double-Blind, Placebo-Controlled Clinical Trial.” *Neurorehabilitation and Neural Repair* , May. <https://doi.org/10.1177/1545968319840285> .
124. EM, Khedr, Hamed SA, El-Shereef HK, Shawky OA, Mohamed KA, Awad EM, Ahmed MA, Shehata GA, and Eltahtawy MA. 2009. “Cognitive Impairment After Cerebrovascular Stroke: Relationship to Vascular Risk Factors.” *Neuropsychiatric Disease and Treatment* . <https://doi.org/10.2147/ndt.s4184> .
125. EM, Khedr, Rashad SM, Hamed SA, El-Zharaa F, and Abdalla AK. 2009. “Neurological Complications of Ankylosing Spondylitis: Neurophysiological Assessment.” *Rheumatology International* , July. <https://doi.org/10.1007/s00296-009-0841-7> .
126. EM, Khedr, Khedr T, Farweez HM, Abdella G, and El Beih EA. 2001. “Multimodal Electroneurophysiological Studies of Systemic Lupus Erythematosus.” *Neuropsychobiology* . <https://doi.org/10.1159/000054891> .
127. EM, Khedr, Khedr T, el-Oteify MA, and Hassan HA. 1997. “Peripheral Neuropathy in Burn Patients.” *Burns: Journal of the International Society for Burn Injuries* . [https://doi.org/10.1016/s0305-4179\(97\)00068-5](https://doi.org/10.1016/s0305-4179(97)00068-5) .
128. EM, Khedr, Farghaly WM, Amry Sel-D, and Osman AA. 2004. “Neural Maturation of Breastfed and Formula-Fed Infants.” *Acta Paediatrica (Oslo, Norway: 1992)* , June.  
<https://doi.org/10.1111/j.1651-2227.2004.tb03011.x> .
129. Etribi, MA, EM Khedr, MH Elrakawy, AM Nassef, and AA Osman. 2008. “Effect of Different Frequencies of Repetitive Transcranial Magnetic Stimulation on Motor Function Recovery After Acute Ischemic Stroke.” *Egyptian Journal of Neurology, Psychiatry and Neurosurgery [The]* , 469–81.
130. F, Abd-Allah, Khedr E, Oraby MI, Bedair AS, Georgy SS, and Moustafa RR. 2018. “Stroke Burden in Egypt: Data from Five Epidemiological Studies.” *The International Journal of Neuroscience* , August. <https://doi.org/10.1080/00207454.2017.1420068> .
131. Farghaly, HSM, RB Abd-Ellatief, MZ Moftah, MG Mostafa, EM Khedr, and HI Kotb. 2014. “The Effects of Dexmedetomidine Alone and in Combination with Tramadol or Amitriptyline in a Neuropathic Pain Model.” *Pain Physician* 17(2):187–95.
132. Farghaly, H, R Abd-ellatief, Galal M MOFTAH MZ, H Kotb, and EM Khedr. 2013. “Ameliorative Effect of Dexmedetomidine and Its Combination with Tramadol or



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

---

Amitriptyline in Rat Model of Neuropathic Pain.” In *Conference Abstract: 4th Conference of the Mediterranean Neuroscience Society*. Doi: 10.3389/Conf.Fnhum . Vol. 30.

133. Farghaly, Hanan SM, Rasha B Abd-Ellatief, Marie Z Moftah, Mostafa G Mostafa, Eman M Khedr, and Hassan I Kotb. 2014. “The Effects of Dexmedetomidine Alone and in Combination with Tramadol or Amitriptyline in a Neuropathic Pain Model.” *Pain Physician* 17(2):187–95.
134. Farrag, A. F., EM Khedr, and W Abel-Naser. 2002. “Impaired Parvocellular Pathway in Dyslexic Children.” *European Journal of Neurology* 9(4): 359–63.
135. Fawi, Gharib, Eman M Khedr, Noha Abo El-Fetoh, Mohamed N Thabit, Mohamed A Abbass, and Ahmad F Zaki. 2015. “Community-Based Epidemiological Study of Epilepsy in the Qena Governorate in Upper Egypt, a Door-to-Door Survey.” *Epilepsy Research* 113: 68–75.
136. G, Fawi, Khedr EM, El-Fetoh NA, Thabit MN, Abbass MA, and Zaki AF. 2015. “Community-Based Epidemiological Study of Epilepsy in the Qena Governorate in Upper Egypt, a Door-to-Door Survey.” *Epilepsy Research* , July.  
<https://doi.org/10.1016/j.eplepsyres.2015.03.010>.
137. Gaber, Mostafa M, Eman M Khedr, Marwa Ahmed, and Sally A Sayed. 2019. “Insulin Resistance and Cognitive Impairment in Type II Diabetes Mellitus.” *International Journal of Diabetes Research* 2(1): 21–25.
138. Galal, Omya, Anwer Said, Eman Khedr, and Manal Abd-El-Sameea. 2006. “Central and Peripheral Contributions to Physical and Electrical Fatigue.” *Bulletin of Egyptian Society for Physiological Sciences* 26(1): 101–18.
139. H, Ekhtiari, Tavakoli H, Addolorato G, Baeken C, Bonci A, Campanella S, Castelo-Branco L, et al. 2019. “Transcranial Electrical and Magnetic Stimulation (tES and TMS) for Addiction Medicine: A Consensus Paper on the Present State of the Science and the Road Ahead.” *Neuroscience and Biobehavioral Reviews* , September.  
<https://doi.org/10.1016/j.neubiorev.2019.06.007>.
140. Hamed, Rasha, Eman M. Khedr, Nourelhoda A. Haridy, Khaled O. Mohamed, and Saeid Elsayy. 2022. “Effects of Transcranial Direct Current Stimulation in Pain and Opioid Consumption After Spine Surgery.” *European Journal of Pain* 26(7): 1594–604.  
<https://doi.org/10.1002/ejp.1985>.
141. Hammam, N, RM Gamal, AM Rashed, NA Elfetoh, E Mosad, and EM Khedr. 2020. “Fatiga En Pacientes Con Artritis Reumatoide: Asociación Con La Calidad Del Sueño, El Estado de ánimo y La Actividad de La Enfermedad.” *Reumatología Clínica* 16 (5): 339–44.
142. Hammam, N, RM Gamal, AM Rashid, E Mosad, and EM Khedr. 2015. “SAT0128 Assessment of Fatigue, Sleep Quality and Mood Disturbances in Rheumatoid Arthritis and Their Relation to Disease Activity and Anemia.” BMJ Publishing Group Ltd.
143. HASSAN KOTB, MD, SAEID METWALLY, EMAN KHEDR, ALAA ATTIA, et al. 2019. “The Effects of High Definition Transcranial Direct Current Stimulation Targeting the





**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
- Primary Motor Cortex on Experimental Capsaicin-Induced Pain in Healthy Volunteers.” *The Medical Journal of Cairo University* 87 (June): 2305–15.
144. HN, El-Tallawy, Khedr EM, Qayed MH, Helliwell TR, and Kamel NF. 2005. “Epidemiological Study of Muscular Disorders in Assiut, Egypt.” *Neuroepidemiology* . <https://doi.org/10.1159/000088674> .
145. HS, Farghaly, Abd-Ellatief RB, Moftah MZ, Mostafa MG, Khedr EM, and Kotb HI. 2014. “The Effects of Dexmedetomidine Alone and in Combination with Tramadol or Amitriptyline in a Neuropathic Pain Model.” *Pain Physician* .
146. JP, Lefaucheur, Antal A, Ahdab R, Ciampi de Andrade D, Fregni F, Khedr EM, Nitsche M, and Paulus W. 2008. “The Use of Repetitive Transcranial Magnetic Stimulation (rTMS) and Transcranial Direct Current Stimulation (tDCS) to “Relieve Pain.” *Brain Stimulation* , October. <https://doi.org/10.1016/j.brs.2008.07.003> .
147. KAM, Elbeh, Elserogy YMB, Khalifa HE, Ahmed MA, Hafez MH, and Khedr EM. 2016. “Repetitive Transcranial Magnetic Stimulation in the Treatment of Obsessive-Compulsive Disorders: Double Blind Randomized Clinical Trial.” *Psychiatry Research* , April. <https://doi.org/10.1016/j.psychres.2016.02.031> .
148. Karim, AA, M Schneider, J Kipping, B Kotchoubey, E Khedr, N Birbaumer, and AJ Fallgatter. 2014. “Psychopathic Traits and Neurophysiology of Deception.” *Klinische Neurophysiologie* 45 (01): V7.
149. Karim, A, M Schneider, J Kipping, B Kotchoubey, E Khedr, A Fallgatter, and N Birbaumer. 2013. “OP 4. Psychopathic Traits and the Psychophysiology of Deception: A Transcranial Direct Current Stimulation (tDCS) Study.” *Clinical Neurophysiology* 124(10): e57–58.
150. Khalil, Radwa, Noha Abo Elfetoh, Marie Z Moftah, and Eman M Khedr. 2015. “Acquired Equivalence Associative Learning in GTC Epileptic Patients: Experimental and Computational Study.” *Frontiers in Cellular Neuroscience* 9:418.
151. Khedr, Abdelrahman, Essam Khedr, and Andrew A House. 2011. “Body Mass Index and the Risk of Progression of Chronic Kidney Disease.” *Journal of Renal Nutrition* 21(6): 455–61.
152. Khedr, E. 2010. “Transcranial Magnetic Stimulation and Study of Human Cognition in Alzheimer Patients.” In *Front. Neurosci. Conference Abstract: 2nd NEUROMED Workshop*. Doi: 10.3389/Conf.Fnins . Vol. 5.
153. ———. 2017. “T016 Repetitive Transcranial Magnetic Stimulation and Post-Stroke Dysphagia.” *Clinical Neurophysiology* 128 (3): e5.
154. Khedr, EM, NA El Fetoh, H. Khalifa, MA Ahmed, and KMA El Beh. 2012. “Prevalence of Depression, Anxiety, Dementia and Other Non-Motor Features of a Large Cohort of Egyptian Parkinson's Disease Patients.” *Life Science Journal* 9(2): 509–18.
155. Khedr, EM, SA Hamed, HK El-Shereef, OA Shawky, KA Mohamed, EM Awad, MA Ahmed, GA Shehata, and MA Eltahtawy. 2009. “Cognitive Impairment After Cerebrovascular



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
- Stroke: Relationship to Vascular Risk Factors.” *Neuropsychiatric Disease and Treatment* 5(1): 103–16.
156. Khedr, E, N Foly El Gamal, N Abo El-Fetoh, H Khalifa, A Karim, and J Rothwell. 2013. “P 234. Transcranial Direct Current Stimulation and Alzheimer's Disease.” *Clinical Neurophysiology* 124 (10): e178.
157. Khedr, EM, MR Abdel-Fadeil, F El-Khilli, and MQ Ibrahim. 2005. “Impaired Corticolingual Pathways in Patients with or Without Dysarthria After Acute Monohemispheric Stroke.” *Neurophysiologie Clinique/Clinical Neurophysiology* 35 (2-3): 73–80.
158. Khedr, EM, N Abo-Elfetoh, KA Elbeh, AA Baky, RM Gamal, D El Hammady, and F Korashy. 2015. “Transcranial Magnetic Stimulation Identifies Cortical Excitability Changes in Monosymptomatic Nocturnal Enuresis.” *Neurophysiologie Clinique/Clinical Neurophysiology* 45 (2): 151–58.
159. Khedr, EM, N Abo-Elfetoh, and JC Rothwell. 2009. “Treatment of Post-Stroke Dysphagia with Repetitive Transcranial Magnetic Stimulation.” *Acta Neurologica Scandinavica* 119 (3): 155–61.
160. Khedr, EM, N Abo-Elfetoh, JC Rothwell, A El-Atar, E Sayed, and H Khalifa. 2010. “Contralateral Versus Ipsilateral rTMS of Temporoparietal Cortex for the Treatment of Chronic Unilateral Tinnitus: Comparative Study.” *European Journal of Neurology* 17(7): 976–83.
161. KHEDR, EM, MA AHMED, EA M ALKADY, MG MOSTAFA, and HG SAID. 2012.” *Neurophysiologie Clinique (Paris)* 42(3): 111–18.
162. Khedr, EM, MA Ahmed, ES Darwish, and AM Ali. 2011. “Etude Au Moyen de La Stimulation Transcranienne de La Relation Entre l'excitabilite Du Cortex Moteur et La Gravite de la Maladie d'alzheimer.” *NEUROPHYSIOLOGIE CLINIQUE* 41 (3): 107–13.
163. Khedr, EM, MA Ahmed, N Fatlhy, et al. 2005. “Repetitive Transcranial Magnetic Stimulation of Contralesional Primary Motor Cotex Improves Hand Function After Stroke.” *Stroke* 36(12): 2681–86.
164. Khedr, EM, MA Ahmed, A Hamdy, and OA Shawky. 2011. “Excitabilite Corticale and Sclerose Laterale Amyotrophique: Etude Des Stimulations Magnetiques Transcraniennes.” *NEUROPHYSIOLOGIE CLINIQUE* 41(2):73–79.
165. Khedr, Eman H, Sherifa A Hamed, Gaafar A Mohammed, and Amal H El Attar. 2009. “A Preliminary Study of Multimodal Evoked Potentials in Relation to Outcome in Term Infants with Post-Asphyxial Hypoxic-Ischemic Encephalopathy.” *Journal of Pediatric Neurology* 7(3): 265–73.
166. Khedr, Eman M, Noha Abo El Fetoh, Omar Omar Herdan, Dina H El-Hammady, Hosam Khalifa, Rania M Gamal, and Anwar Anwar M Ali. 2015. “086. “Clinical and Subclinical Neuropsychiatric Abnormalities in Rheumatoid Arthritis Patients.” *Rheumatology* 54 (suppl\_1): i84–84.



Faculty of Medicine-Assiut university  
Department of Neurology and Psychiatry



Faculty of Medicine Assiut University

- 
167. Khedr, Eman M., and Noha Abo-Elfetoh. 2013. "Noninvasive Brain Stimulation for Treatment of Post-Stroke Dysphagia." *Neuroenterology* 2: 1–9.  
<https://doi.org/10.4303/ne/235663>.
168. Khedr, Eman M., Noha Abo-Elfetoh, Enas Deaf, Hebatallah M. Hassan, Mariam T. Amin, Radwa K. Soliman, Alaa A. Attia, et al. 2021. "Surveillance Study of Acute Neurological Manifestations Among 439 Egyptian Patients with COVID-19 in Assiut and Aswan University Hospitals." *Neuroepidemiology* 55 (2): 109–18.  
<https://doi.org/10.1159/000513647>.
169. Khedr, Eman M, Mohamed A Ahmed, Anwar M Ali, Reda Badry, and John C Rothwell. 2015. "Changes in Motor Cortical Excitability in Patients with Sydenham's Chorea." *Movement Disorders* 30 (2): 259–62.
170. Khedr, Eman M, Mohamed A Ahmed, and Khaled A Mohamed. 2006. "Motor and Visual Cortical Excitability in Migraineurs Patients with or Without Aura: Transcranial Magnetic Stimulation." *Neurophysiologie Clinique/Clinical Neurophysiology* 36 (1): 13–18.
171. Khedr, Eman M, Mohamed A Ahmed, Ola Ahmed Shawky, Enass Sayed Mohamed, Ghada S El Attar, and Khaled A Mohammad. 2010. "Epidemiological Study of Chronic Tinnitus in Assiut, Egypt." *Neuroepidemiology* 35(1):45–52.
172. Khedr, Eman M, Omya G Ahmed, Hanaa MM Sayed, Noha Abo-Elfetoh, Anwar M Ali, and Asmaa MS Gomaa. 2020. "Electrophysiological Differences in Cortical Excitability in Different Forms of Dementia: A Transcranial Magnetic Stimulation and Laboratory Biomarkers Study." *Neurophysiologie Clinique* 50 (3): 185–93.  
<https://doi.org/10.1016/j.neucli.2020.05.001>.
173. Khedr, Eman M, Eman AM Alkady, Dina H El-Hammady, Fatema Alzahraa M Khalifa, and Saleh Bin-Humam. 2011. "Repetitive Lumbosacral Nerve Magnetic Stimulation Improves Bladder Dysfunction Due to Lumbosacral Nerve Injury: A Pilot Randomized Controlled Study." *Neurorehabilitation and Neural Repair* 25(6):570–76.
174. Khedr, Eman M, Salah M Asida, Gad S Gad, Ragaa HM Salama, Amro A Zarzour, et al. 2017. "PREMPTIVE ROLE OF EPIDURAL MAGNESIUM SULPHATE TO REDUCE NARCOTIC REQUIREMENTS IN ORTHOPEDIC SURGERY." *SVU-International Journal of Medical Sciences* 1(2).
175. Khedr, Eman M, Noha Abo El Fetoh, Omar Herdan, Dina H El-Hammady, Hosam Khalifa, Rania M Gamal, Anwar M Ali, et al. 2015. "Clinical and Subclinical Neuropsychiatric Abnormalities in Rheumatoid Arthritis Patients." *Egyptian Rheumatology and Rehabilitation* 42 (1): 11.
176. Khedr, Eman M, Noha Abo El Fetoh, Hosam Khalifa, Mohamed A Ahmed, and Khaled MA El Beh. 2012. "Prevalence of Depression, Anxiety, Dementia and Other Non-Motor Features of a Large Cohort of Egyptian Parkinson's Disease Patients." *Life Sci J* 9:509–18.
177. ———. 2013. "Prevalence of Non Motor Features in a Cohort of Parkinson's Disease Patients." *Clinical Neurology and Neurosurgery* 115(6): 673–77.



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

178. Khedr, Eman M, Khaled A Elbeh, Ahmed Abdel Baky, Noha Abo-Elfetoh, Dina H El-Hammady, and Fatma Korashy. 2015. "A Double-Blind Randomized Clinical Trial on the Efficacy of Magnetic Sacral Root Stimulation for the Treatment of Monosymptomatic Nocturnal Enuresis." *Restorative Neurology and Neuroscience* 33(4): 435–45.
179. Khedr, Eman M, Khaled AM Elbeh, Yasser Elserogy, Hossam E Khalifa, Mohamed A Ahmed, Mahmoud H Hafez, Anwar M Ali, and Noha A Elfetoh. 2016. "Motor Cortical Excitability in Obsessive-Compulsive Disorder: Transcranial Magnetic Stimulation Study." *Neurophysiologie Clinique/Clinical Neurophysiology* 46 (2): 135–43.
180. Khedr, Eman M, Noha Abo Elfetoh, Anwer M Ali, and Mostafa Noamany. 2014. "Anodal Transcranial Direct Current Stimulation over the Dorsolateral Prefrontal Cortex Improves Anorexia Nervosa: A Pilot Study." *Restorative Neurology and Neuroscience* 32(6): 789–97.
181. Khedr, Eman M, Yasser Elserogy, Mohamed Fawzy, Mostafa Elnoaman, and Amr M Galal. 2020. "Global Cortical Hypoexcitability of the Dominant Hemisphere in Major Depressive Disorder: A Transcranial Magnetic Stimulation Study." *Neurophysiologie Clinic* .
182. Khedr, Eman M, HM Farweez, and H Islam. 2003. "Therapeutic Effect of Repetitive Transcranial Magnetic Stimulation on Motor Function in Parkinson's Disease Patients." *European Journal of Neurology* 10(5): 567–72.
183. Khedr, Eman M, Gharib Fawi, Mohammed Abd Allah Abbas, Noha Abo El-Fetoh, Ghada Al Attar, Ahmed F Zaki, and Ayman Gamea. 2016. "Prevalence of Diabetes and Diabetic Neuropathy in Qena Governorate: Population-Based Survey." *Neuroepidemiology* 46(3): 173–81.
184. Khedr, Eman M, Gharib Fawi, Mohammed Abd-Allah Abbas, Noha Abo El-Fetoh, Ahmed F Zaki, Mohamed A Ahmed, Radwa Kamel Soliman, and Ayman Gamea. 2018. "Prevalence of Cervical and Lumbosacral Compressive Radiculopathies in Qena Governorate/Egypt: Population-Based Survey." *Clinical Neurology and Neurosurgery* 175: 112–20.
185. Khedr, Eman M, Gharib Fawi, Mohamed Abdela, Talal A Mohammed, Mohamed A Ahmed, Noha Abo El-Fetoh, and Ahmed F Zaki. 2014. "Prevalence of Ischemic and Hemorrhagic Strokes in Qena Governorate, Egypt: Community-Based Study." *Journal of Stroke and Cerebrovascular Diseases* 23(7): 1843–48.
186. Khedr, Eman M, Romany H Gabra, Mostafa Noaman, Noha Abo Elfetoh, and Hanan SM Farghaly. 2016. "Cortical Excitability in Tramadol Dependent Patients: A Transcranial Magnetic Stimulation Study." *Drug and Alcohol Dependence* 169: 110–16.
187. Khedr, Eman M, Nageh F El Gamal, Noha Abo El-Fetoh, Hosam Khalifa, Elham M Ahmed, Anwer M Ali, Mostafa Noaman, Ahmed Abd El-Baki, and Ahmed A Karim. 2014. "A Double-Blind Randomized Clinical Trial on the Efficacy of Cortical Direct Current Stimulation for the Treatment of Alzheimer's Disease." *Frontiers in Aging Neuroscience* 6: 275.



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

188. Khedr, Eman M, Francesca Gilio, and John Rothwell. 2004. "Effects of Low Frequency and Low Intensity Repetitive Paired Pulse Stimulation of the Primary Motor Cortex." *Clinical Neurophysiology* 115(6): 1259–63.
189. Khedr, Eman M, Enas Hamed, Anwar Said, and Jamal Basahi. 2002. "Handedness and Language Cerebral Lateralization." *European Journal of Applied Physiology* 87(4-5): 469–73.
190. Khedr, Eman M, Sherifa A Hamed, Hala K El-Shereef, Ola A Shawky, Khalid A Mohamed, Effat M Awad, Mohamed A Ahmed, Ghaydaa A Shehata, and Mahmoud A Eltahtawy. 2009. "Cognitive Impairment After Cerebrovascular Stroke: Relationship to Vascular Risk Factors." *Neuropsychiatric Disease and Treatment* 5: 103.
191. Khedr, Eman M, Ahmed A Karim, and Radwa K Soliman. 2020. "Acute Spinal Cord Myelopathy in Patients with COVID-19: Case Report and Review of the Literature." *Frontiers in Neurology* 11: 1659.
192. Khedr, Eman M, Tayseer Khedr, Hassan M Farweez, Gamal Abdella, and Esam AS El Beih. 2001. "Multimodal Electroneurophysiological Studies of Systemic Lupus Erythematosus." *Neuropsychobiology* 43(3): 204–12.
193. Khedr, Eman M., Islam El Malky, Hussein B. Hussein, Doaa M. Mahmoud, and Ayman Gamea. 2023. "Multiple Sclerosis Diagnostic Delay and Its Associated Factors in Upper Egyptian Patients." *Scientific Reports* 13(1). <https://doi.org/10.1038/s41598-023-28864-x>.
194. Khedr, Eman M., Khaled O. Mohamed, Radwa Kamel Soliman, Asmaa M. M. Hassan, and John C. Rothwell. 2019a. "The Effect of High-Frequency Repetitive Transcranial Magnetic Stimulation on Advancing Parkinson's Disease with Dysphagia: Double Blind Randomized Clinical Trial." *Neurorehabilitation and Neural Repair* 33(6): 442–52. <https://doi.org/10.1177/1545968319847968>.
195. Khedr, Eman M, Mostafa G Mostafa, Hassan I Kotb, Mohamad F Mohamad, Rania Bakry, and Shereen MM Kamal. 2015. "Effect of Repetitive Transcranial Magnetic Stimulation on Malignant Visceral Pain." *Neuroenterology* 3: 235927.
196. khedr, Eman Mohamed, Noha Abo-Elfetoh, Enas Deaf, Hebatallah M Hassan, Mariam T Amin, Radwa K Soliman, Alaa A Attia, et al. 2020. "Surveillance Study of Acute Neurological Manifestations Among 439 Egyptian Patients with COVID-19 in Assiut and Aswan University Hospitals," November. <https://doi.org/10.1101/2020.10.28.20221879>.
197. Khedr, Eman Mohamed, Reda Badry, Anwer Mohamed Ali, Noha Abo El-Fetoh, Dina Hatem El-Hammady, Abeer Mohamed Ghandour, and Ahmed Abdel-Haleem. 2016. "Steroid/Antiviral for the Treatment of Bell's Palsy: Double Blind Randomized Clinical Trial." *Restorative Neurology and Neuroscience* 34(6): 897–905.
198. Khedr, Eman M., Nehad Omeran, Haidi Karam-Allah Ramadan, Gellan K. Ahmed, and Ahmed M. Abdelwarith. 2022. "Alteration of Gut Microbiota in Alzheimer's Disease and Their Relation to the Cognitive Impairment." *Journal of Alzheimer's Disease* 88(3): 1103–14. <https://doi.org/10.3233/jad-220176>.



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

199. Khedr, Eman M, Eman AH Omran, Nadia M Ismail, Dina H El-Hammady, Samar H Goma, Hassan Kotb, Hannan Galal, et al. 2017. "Effects of Transcranial Direct Current Stimulation on Pain, Mood and Serum Endorphin Level in the Treatment of Fibromyalgia: A Double Blinded, Randomized Clinical Trial." *Brain Stimulation* 10(5):893–901.
200. Khedr, Eman M, Mohamed Abdel Rahman, Ola A Shawky, Nehal Fathy, and Effet Awad. nd "Therapeutic Effect of Repetitive Transcranial Magnetic Stimulation on Motor Function Recovery After Acute Ischemic Stroke."
201. Khedr, Eman M, Ehab S Ramadan, Mostafa A Bastawy, and M Nemr Osman. 2019b. "Phenomenology of Postpartum Psychosis." *The Egyptian Journal of Hospital Medicine* 77(3): 5187–90.
202. Khedr, Eman M, John C Rothwell, Ola A Shawky, Mohamed A Ahmed, and Ahmed Hamdy. 2006. "Effect of Daily Repetitive Transcranial Magnetic Stimulation on Motor Performance in Parkinson's Disease." *Movement Disorders: Official Journal of the Movement Disorder Society* 21(12): 2201–5.
203. Khedr, Eman M, Ola A Shawky, Dina H El-Hammady, John C Rothwell, Essam S Darwish, Omar M Mostafa, and Amal M Tohamy. 2013. "Effect of Anodal Versus Cathodal Transcranial Direct Current Stimulation on Stroke Rehabilitation: A Pilot Randomized Controlled Trial." *Neurorehabilitation and Neural Repair* 27(7): 592–601.
204. Khedr, Eman M, Ola A Shawky, Nageh F Kamel, John C Rothwell, Mohammed A Ahmed, and Ahmed Hamdy. 2007. "Dopamine Release After Repetitive Transcranial Magnetic Stimulation of Motor Cortex in Parkinson's Disease Patients." *Egypt J Neurol Psychiat Neurosurg* 44: 323–31.
205. Khedr, Eman M, M Yasser, Ahmed A Abdel-Rahman, and Mohamed M Hefny. 2017. "DEPRESSION AMONG PATIENTS WITH STROKE ATTENDING NEUROLOGY OUTPATIENT CLINIC OF QENA UNIVERSITY HOSPITALS." *SVU-International Journal of Medical Sciences* 1(2).
206. Khedr, Eman, Ahmed Bassiony, Hany Zaky-Eldin, Bastawy Fawal, and Ahmed Shoyb. 2019. "Endovascular Treatment of Un-Ruptured Cerebral Aneurysms (Experience by Neurologist)." *The Egyptian Journal of Hospital Medicine* 77(3): 5128–31.
207. Khedr, Eman, Noha Abo El-Fetoh, Anwer Ali, Dina El-Hammady, Hosam Khalifa, Haisam Atta, and Ahmed Karim. 2016. "Dual-Hemisphere Repetitive Transcranial Magnetic Stimulation for Rehabilitation of Post-Stroke Aphasia: A Randomized, Double-Blind Clinical Trial." In *BRAIN INJURY*, 30:808–8. 5-6. TAYLOR & FRANCIS INC 530 WALNUT STREET, STE 850, PHILADELPHIA, PA 19106 USA.
208. Khedr, Eman, Gharib Fawi, Mohammed Abd Allah Abbas, Talal A Mohammed, Noha Abo El-Fetoh, Ghada Al Attar, Mostafa Noaman, and Ahmed F Zaki. 2015. "Prevalence of Mild Cognitive Impairment and Dementia Among the Elderly Population of Qena Governorate, Upper Egypt: A Community-Based Study." *Journal of Alzheimer's Disease* 45(1): 117–26.



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
209. Khedr, EM, and E-EM Aref. 2002. "Electrophysiological Study of Vocal-Fold Mobility Disorders Using a Magnetic Stimulator." *European Journal of Neurology* 9(3): 259–67.
210. Khedr, EM, N Abo El Fetoh, O Herdan, DH El-Hammady, RM Gamal, H Khalifa, and AM Ali. 2015. "AB0385 Clinical and Subclinical Neuropsychiatric Abnormalities in Rheumatoid Arthritis Patients." BMJ Publishing Group Ltd.
211. Khedr, EM, M Eltahtawy, AKF Farrag, and K Shehata. 2005. "Hyperhomocysteinemia Is an Important Risk Factor for Vascular Dementia." In *JOURNAL OF THE NEUROLOGICAL SCIENCES*, 238:S291–91. ELSEVIER SCIENCE BV PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.
212. Khedr, EM, AE Etraby, M Hemeda, AM Nasef, and AAE Razek. 2010. "Long-Term Effect of Repetitive Transcranial Magnetic Stimulation on Motor Function Recovery After Acute Ischemic Stroke." *Acta Neurologica Scandinavica* 121 (1): 30–37.
213. Khedr, EM, N Fathi, HM Imam, et al. 2001. "Early Diagnosis of Rheumatoid Cervical Myelopathy: Neurophysiological Study and Magnetic Resonance Imaging." *Egypt J Neuro Psych Neurosurg* 39: 13–20.
214. Khedr, EMH, WMA Farghaly, S El-Din Amry, and AAA Osman. 2004. "Neural Maturation of Breastfed and Formula-Fed Infants." *Acta Paediatrica* 93(6):734–38.
215. Khedr, E, J Rothwell, and A El Atar. 2008. "One Year Follow-up Study of Patients Received Left Temporoparietal rTMS for Treatment of Chronic Tinnitus." *Brain Stimulation: Basic, Translational, and Clinical Research in Neuromodulation* 1 (3): 255.
216. Khedr, E, O Shawky, A Tohamy, E Darwish, and D El Hamady. 2012. "Effect of Anodal Versus Cathodal Transcranial Direct Current Stimulation on Stroke Recovery: A Pilot Randomized Controlled Trial: P1219." *European Journal of Neurology* 19.
217. Khedr, E, O Shawky, A Tohamy, and J Rothwell. 2012. "Potential Mechanisms Underlying the Neural Effects of TDCS in Post-Stroke Recovery: P1362." *European Journal of Neurology* 19.
218. Khedr, E, and M Trakhan. 2001. "Localization of Diaphragm Motor Cortical Representation and Determination of Corticodiaphragmatic Latencies by Using Magnetic Stimulation in Normal Adult Human Subjects." *European Journal of Applied Physiology* 85(6): 560–66.
219. Kleinjung, T., B. Langguth, and E. Khedr. 2011. "Transcranial Magnetic Stimulation." *Textbook of Tinnitus*, 697–709.
220. Kleinjung, Tobias, Berthold Langguth, and Eman Khedr. 2011. "Transcranial Magnetic Stimulation." In *Textbook of Tinnitus*, 697–709. Springer New York.  
[https://doi.org/10.1007/978-1-60761-145-5\\_88](https://doi.org/10.1007/978-1-60761-145-5_88).
221. Koo, P. C., K. Schneider, M. Moelle, and L. Marshall. 2017. "P112 Investigations of General Cognitive Ability on the Efficiency of Slow Oscillatory-tDCS." *Clinical Neurophysiology* 128 (3): e68. <https://doi.org/10.1016/j.clinph.2016.10.235>.



**Faculty of Medicine-Assiut university**  
**Department of Neurology and Psychiatry**



**Faculty of Medicine Assiut University**

- 
222. Landgrebe, Michael, Andréia Azevedo, David Baguley, Carol Bauer, Anthony Cacace, Claudia Coelho, John Dornhoffer, et al. 2012. "Methodological Aspects of Clinical Trials in Tinnitus: A Proposal for an International Standard." *Journal of Psychosomatic Research* 73(2): 112–21.
223. Langguth, Berthold, Dirk de Ridder, John L Dornhoffer, Peter Eichhammer, Robert L Folmer, Elmar Frank, Felipe Fregni, et al. 2008. "Controversy: Does Repetitive Transcranial Magnetic Stimulation/Transcranial Direct Current Stimulation Show Efficacy in Treating Tinnitus Patients?" *Brain Stimulation* 1(3):192–205.
224. Lefaucheur, Jean-Pascal, and Eman M Khedr. 2007a. "Repetitive Transcranial Magnetic Stimulation in Non-Psychiatric Disorders: Pain, Parkinson's Disease, Stroke, Tinnitus." In *Transcranial Brain Stimulation for Treatment of Psychiatric Disorders*, 23:134–54. Karger Publishers.
225. Lefaucheur, J.-P., and E.M. Khedr. 2007b. "Repetitive Transcranial Magnetic Stimulation in Non-Psychiatric Disorders: Pain, Parkinson's Disease, Stroke, Tinnitus." *Advances in Biological Psychiatry* 23: 134–54.
226. Leung, Albert, Michael Donohue, Ronghui Xu, Ryan Lee, Jean-Pascal Lefaucheur, Eman M Khedr, Youichi Saitoh, et al. 2009. "rTMS for Suppressing Neuropathic Pain: A Meta-Analysis." *The Journal of Pain* 10(12): 1205–16.
227. Leung, Albert, Jean-Pascal Lefaucheur, Youichi Saitoh, Eman Khedr, Daniel de Andrade, Lawrence Poree, Brian Kopell, Eric Wassermann, and Robert Levy. 2020. "Transcranial Magnetic Stimulation for Neuropathic Pain-an INS/NANS Expert Consensus Panel Review and Recommendation: ID: 14264." *Neuromodulation* 23(3).
228. M, Landgrebe, Azevedo A, Baguley D, Bauer C, Cacace A, Coelho C, Dornhoffer J, et al. 2012. "Methodological Aspects of Clinical Trials in Tinnitus: A Proposal for an International Standard." *Journal of Psychosomatic Research*, August.  
<https://doi.org/10.1016/j.jpsychores.2012.05.002>.
229. M, Simis, Di Lazzaro V, Kirton A, Pennisi G, Bella R, Kim YH, Takeuchi N, et al. 2016. "Neurophysiological Measurements of Affected and Unaffected Motor Cortex from a Cross-Sectional, Multi-Center Individual Stroke Patient Data Analysis Study." *Neurophysiologie Clinic = Clinical Neurophysiology*, February.  
<https://doi.org/10.1016/j.neucli.2016.01.003>.
230. MA, Ahmed, Darwish ES, Khedr EM, El Serogy YM, and Ali AM. 2012. "Effects of Low Versus High Frequencies of Repetitive Transcranial Magnetic Stimulation on Cognitive Function and Cortical Excitability in Alzheimer's Dementia." *Journal of Neurology*, January.  
<https://doi.org/10.1007/s00415-011-6128-4>.
231. MAS, Ali, Khedr EMH, Ahmed FAH, and Mohamed NNE. 2018. "Clinical Pharmacist Interventions in Managing Drug-Related Problems in Hospitalized Patients with Neurological Diseases." *International Journal of Clinical Pharmacy*, October.  
<https://doi.org/10.1007/s11096-018-0658-0>.





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232. Metwally, Mohamed, Eman Khedr, Olfat El-Shinnawy, Alaa Hussien, and Ahmad Shaddad. 2017. "Evaluation of Cognitive Function in COPD: A Role of p-300 Event-Related Potentials." *Chest* 152 (4): A792.
233. MH, Mohammaden, Stapleton CJ, Brunozzi D, Hussein AE, Khedr EM, Atwal G, and Alaraj A. 2020. "Predictors of Poor Outcome Despite Successful Mechanical Thrombectomy of Anterior Circulation Large Vessel Occlusions Within 6 h of Symptom Onset." *Frontiers in Neurology* . <https://doi.org/10.3389/fneur.2020.00907> .
234. Mohammaden, Mahmoud H, Stephen W English, Christopher J Stapleton, Eman Khedr, Ahmed Shoyb, Ahmed Hegazy, and Ahmed Elbassiouny. 2020a. "Safety and Efficacy of Ticagrelor as Single Antiplatelet Therapy in Prevention of Thromboembolic Complications Associated with the Pipeline Embolization Device (PED): Multicenter Experience." *Journal of NeuroInterventional Surgery* .
235. Mohammaden, Mahmoud H., Christopher J. Stapleton, Denise Brunozzi, Eman M. Khedr, Peter Theiss, Gursant Atwal, and Ali Alaraj. 2020b. "Risk Factors for Distal Clot Migration During Mechanical Thrombectomy of Anterior Circulation Large Vessel Occlusion." *Cerebrovascular Diseases* 49(2):185–91. <https://doi.org/10.1159/000507341> .
236. MR, Kandil, Darwish ES, Khedr EM, Sabry MM, and Abdullah MA. 2012. "A Community-Based Epidemiological Study of Peripheral Neuropathies in Assiut, Egypt." *Neurological Research* , December. <https://doi.org/10.1179/1743132812y.0000000099> .
237. N, Hammam, Gamal RM, Rashed AM, Elfetoh NA, Mosad E, and Khedr EM. 2020. "Fatigue in Rheumatoid Arthritis Patients: Association with Sleep Quality, Mood Status, and Disease Activity." *Rheumatology Clinica* . <https://doi.org/10.1016/j.reuma.2018.07.010> .
238. NE, El-Ashmawy, Salem ML, Khedr EG, El-Zamarany EA, and Ibrahim AO. 2020. "Dual-Targeted Therapeutic Strategy Combining CSC-DC-Based Vaccine and Cisplatin Overcomes Chemo-Resistance in Experimental Mice Model." *Clinical & Translational Oncology: Official Publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico* , July. <https://doi.org/10.1007/s12094-019-02242-4> .
239. Neto, OM, MB Generoso, I Taiar, A Soares, EM Khedr, Q Cordeiro, P Shiozawa, et al. 2017. "Determining an Effective rTMS Protocol for Treating Chronic Tinnitus: Focus on Inhibiting the Left Temporoparietal Cortex." *European Archives of Oto-Rhino-Laryngology: Official Journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS): Affiliated with the German Society for Oto-Rhino-Laryngology-Head and Neck Surgery* 274 (5): 2359–60 .
240. NM, Ibrahim, Abdelhameed KM, Kamal SMM, Khedr EMH, and Kotb HIM. 2018. "Effect of Transcranial Direct Current Stimulation of the Motor Cortex on Visceral Pain in Patients with Hepatocellular Carcinoma." *Pain Medicine (Malden, Mass.)* , March. <https://doi.org/10.1093/pm/pnx087> .
241. Prasad, ASV, Laurie Jo Moore, Mila Goldner-Vukov, Seema Bose, Mila Goldner-Vukov, Hesitha Abeysondera, Arulmathy Arunachalam, et al. 2019. *New Insights into Disease and Pathogen Research Vol. 1* . Edited by Dr. Nicolas Padilla-Raygoza. Book Publisher



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**Faculty of Medicine Assiut University**

International (a part of SCIENCEDOMAIN International).

<https://doi.org/10.9734/bpi/nidpr/v1>.

242. R, Khalil, Karim AA, Khedr E, Moftah M, and Moustafa AA. 2018. "Dynamic Communications Between GABAA Switch, Local Connectivity, and Synapses During Cortical Development: A Computational Study." *Frontiers in Cellular Neuroscience* .  
<https://doi.org/10.3389/fncel.2018.00468> .
243. R, Khalil, Abo Elfetoh N, Moftah MZ, and Khedr EM. 2015. "Acquired Equivalence Associative Learning in GTC Epileptic Patients: Experimental and Computational Study." *Frontiers in Cellular Neuroscience* . <https://doi.org/10.3389/fncel.2015.00418> .
244. Rashad, Sonia, Eman Khedr, Fatma Abdalla, and Abdelkarim Abdalla. 2001. "Role of Neurophysiological Studies in Diagnosis of Neurological Complications of Ankylosing Spondylitis." *Arthritis & Rheumatism* 44(9).
245. Rose, M. L., M. Ali, A. Elders, J. Godwin, A. K. Sandri, L. J. Williams, L. R. Williams, et al. 2018. "Tidier Descriptions of Speech and Language Therapy Interventions for People with Aphasia; Consensus from the Release Collaboration." *Aphasiology* 32: 183–86.
246. Rose, Miranda L, Myzoon Ali, Andrew Elders, Jon Godwin, Anastasia Karachalia Sandri, Linda J Williams, Louise R Williams, et al. 2018. "Tidier Descriptions of Speech and Language Therapy Interventions for People with Aphasia; Consensus from the RELEASE Collaboration." *Aphasiology* 32 (sup1): 183–86.
247. Rösler, T, M Salama, A Eltantawy, A Shalash, G Fawe, E Khedr, A Elmotayam, E Elsaedy, and G Höglinger. 2015. "Parkinson's and Pesticides: A Study on Gene-Environment Interactions in Egypt: 1138." *Movement Disorders* 30.
248. Said, W. el-, S. Barakat, E. Khedr, and M. el-Tayeb. 1993. "Bladder Cancer Among Dialysis Patients with Schistosomiasis." *The International Journal of Artificial Organs* 16(8): 563–66.
249. Shaddad, AhmadM, OlfatM El-Shinnawy, EmanM. H Khedr, Mohamed M Metwally, and Alaa El-Din Thabiet Hassan. 2017. "Peripheral Neuropathy in Chronic Obstructive Pulmonary Disease." *Journal of Current Medical Research and Practice* 2 (1): 17.  
<https://doi.org/10.4103/2357-0121.210302> .
250. Simis, Marcel, Vincenzo Di Lazzaro, Adam Kirton, Giovanni Pennisi, Rita Bella, Yun-Hee Kim, Naoyuki Takeuchi, et al. 2016. "Neurophysiological Measurements of Affected and Unaffected Motor Cortex from a Cross-Sectional, Multi-Center Individual Stroke Patient Data Analysis Study." *Neurophysiologie Clinique/Clinical Neurophysiology* 46 (1): 53–61.
251. Soliman, Radwa K., Chantal M. W. Tax, Noha Abo-Elfetoh, Ahmed A. Karim, Ayda Youssef, Doaa Kamal, and Eman M. Khedr. 2021. "Effects of tDCS on Language Recovery in Post-Stroke Aphasia: A Pilot Study Investigating Clinical Parameters and White Matter Change with Diffusion Imaging." *Brain Sciences* 11(10): 1277.  
<https://doi.org/10.3390/brainsci11101277> .



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**Faculty of Medicine Assiut University**

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252. TW, Rösler, Salama M, Shalash AS, Khedr EM, El-Tantawy A, Fawi G, El-Motayam A, et al. 2018. “K-Variant BCHE and Pesticide Exposure: Gene-Environment Interactions in a Case-Control Study of Parkinson's Disease in Egypt.” *Scientific Reports* , November.  
<https://doi.org/10.1038/s41598-018-35003-4> .
253. Williams, L.R., M. Ali, K. VandenBerg, L.J. Williams, M. Abo, F. Becker, A. Bowen, et al. 2022. “Utilizing a Systematic Review-Based Approach to Create a Database of Individual Participant Data for Meta- and Network Meta-Analyses: The RELEASE Database of Aphasia After Stroke.” *Aphasiology* 36(4): 513–33.
254. Wu, Yongming, Xinyu Wang, Tianming Lu, Abbas Jamali, Hoorieh Soleimanjahi, Mostafa Moin, Mehdi Mahdavi, et al. 2012. “Front & Back Matter.” *Neuroimmunomodulation* 19(4).