

Curriculum Vitae
Dr. Sherifa Ahmed Hamed
MBBCH, MSC, M.D.
Professor of Neurology,
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PERSONAL DATA

Name: Sherifa Ahmed Hamed
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QUALIFICATIONS AND DEGREES

1. **Bachelors of Medicine (MBBCH)**, Faculty of Medicine, Assiut University, Egypt 1989 (Excellent with honour).
2. **Master Degree (MSC) in Neurology and Psychiatry**, Assiut University, Egypt 1995 (Excellent).
3. **Doctor Degree in Neurology (M.D.)**, Assiut University, Egypt November 2002

POSITIONS HELD		
Position	Period	Place
Professor	December 2012 - Now	Department of Neurology and Psychiatry Assiut University, Assiut, Egypt
Associate professor	December 2007 - 2012	Department of Neurology and Psychiatry Assiut University, Assiut, Egypt
Assistant professor	December 2002 -2007	Department of Neurology and Psychiatry Assiut University, Assiut, Egypt
Lecturer of Neurology	April 1994 - February 2002	Department of Neurology and Psychiatry Assiut University, Assiut, Egypt
Senior House Officer	March 1991 – February 1994	Department of Neurology and Psychiatry Assiut University, Assiut, Egypt
Internship	March 1990 - February 1991	Department of Neurology and Psychiatry Assiut University, Assiut, Egypt
LOCUM JOB		
Consultant Neurologist, Head of the Neuroscience Department	March 2005 – June 2007	Saudi German Hospital - Aseer Saudi Arabia

RESEARCH POSITION		
Position	Period	Place
Post Doc Research Fellow	August 1998 – July 2002	CRI Centre III Children's Research Institute Children's National Medical Center George Washington University Washington DC, USA
Post Doc Research Visitor	July 2010	CLS 15073 Children's Hospital Boston 3 Blackfan Street Boston, MA 02115 Telephone: 617-919-4552

AWARDS AND HONORS

- AWAR FOR SCIENTIFIC AND ACADEMIC ACHIEVEMENT FOR THE SUPERIOR PRESENTATION IN BASIC RESEARCH BY A FELLOW** at the Fourteenth annual advances in pediatrics educational and scientific forum, at May 4, 2000, Children's Research Institute, Washington DC, USA.
<http://www.childrensnational.org/research/>

Presentation title:
"DNA Sequence Analysis for Structure/Function and Mutation Studies in Duchenne/Becker Muscular Dystrophies Using High Throughput Automated Capillary Electrophoresis".
- ASSIUT UNIVERSITY ENCOURAGEMENT AWARD**, August 2009/2010, Assiut University, Assiut, Egypt. <http://www.aun.edu.eg/>.
- YOUNG ARAB RESARCHERS AWARD OF ABDUL HAMEED SHOMAN** for the year 2010/2011. AHSF@shoman.org.jo.
- FEATURED ARTICLE ON MDLINX. COM**
The Aspects and Mechanisms of Cognitive Alterations in Epilepsy: The Role of Antiepileptic Medications' in CNS Neuroscience & Therapeutics. (selected as number 8 on PharmacistLinx site. Tuesday, July 7, 2009).
<http://www.mdlinx.com/pharmacistlinx/news-article.cfm/2780554>
- BEST SPEAK INTERVIEW**

CLINICAL EXPERIENCE

Assiut University Hospital is the biggest hospital in Upper Egypt and the third biggest one in the whole country. It is 2600 bedded hospital. The department of Neurology and Psychiatry consists of 125 beds including Neurology Unit (38 beds), Psychiatry Unit (77 beds) [in-patients=42, emergency Psychiatry=20, Addiction section=10], Stroke Unit (10 beds) and Neurophysiology Unit containing (conventional and digital EEG, EMG, Evoked potential and Transcranial magnetic stimulation or TMS). During my posts in this department, I have worked as a house officer (2 months), resident (3 years), lecturer (7 years), assistant professor (5 years) and associate professor (now). I handled confidently all tasks in the outpatient clinic, hospital-ward duties, and management of emergency cases. Also, I participated actively in all scientific activities including seminars, conferences and workshops.

TEACHING EXPERIENCE

- Lecturer for 7 years with teaching clinical rounds and lectures to the undergraduate medical students (4th, 5th and 6th grades) in Assiut University.
- Assistant professor of Neurology from 2002 to 2007 with undergraduate, graduate student and post graduate teaching..
- Associate professor of Neurology from 2007 till 2012 with undergraduate, graduate student and post graduate teaching.
- Professor of Neurology from 2012 till now with undergraduate, graduate student and post graduate teaching.
- Sharing in drafting the followings:
 - Neurology handouts for residents and undergraduate medical students.
 - Simple Practical Neurotherapeutic Outline Guide For Residents In The Neuropsychiatry Department. Assiut University Hospital.
 - Clinical Neurology for undergraduate medical students. Neurology Department. Assiut University Hospital.

RESEARCH EXPERIENCE IN MOLECULAR GENETICS

- H & E staining of the muscle to test integrity of the muscle biopsy and general histopathology.
- Cryosections of muscle biopsy and immunostaining for dystrophin by immunofluorescence using antibodies directed against both the amino- and carboxyl-termini (60kd, d10). Also cryosections and immunostaining for α -Sarcoglycan and merosin α -2 laminin.
- Western blotting (Immune-blotting) using monoclonal antibodies directed against the dystrophin rod domain to detect size and quantity of dystrophin protein and running SDS-PAGE gel.
- Preparation and running different types of gels (Electrophoresis) as agarose, acrylamide gel of different concentrations.
- Genomic DNA extraction from whole blood, nuclei and muscle.
- Genomic DNA extraction from chorionic villous samples for prenatal diagnosis of DMD/BMD.
- Extraction of RNA from muscle with guanidinium thiocyanate followed by centrifugation in cesium chloride then synthesis of first strand cDNA using reverse transcriptase enzyme.
- PCR and RT-PCR amplification reactions.
- Begg's and Chamberlain deletion analysis for dystrophin mutation: Multiplex PCR using 18 primer sets of (which cover the 2 hot spots for dystrophin gene gross rearrangement).
- Linkage analysis using 4 primers sets directed against CA repeat located at 5' end of dystrophin (5'Dys II), STR-45, STR-49 and CA repeat located at the 3' end of dystrophin (3'CA).
- Quantitative DNA testing.
- Hot PCR and digest for Ca^{2+} channelopathies (hypokalemic periodic paralysis).
- X-inactivation restriction enzyme digest (Androgen Receptor Site).
- Point mutation detection in the whole 11,385bp coding sequence for dystrophin using high throughput automated capillary gel electrophoresis (Beckman-Coulter CEQ2000).
- QMF-PCR (Quantitative Multiplex Fluorescence PCR) for quantitation or dosage on automated sequencers LiCor IR2.

THESIS EXPERIENCE

Master Thesis project:

“Clinical and radiological study of non-compressive compressive myelopathy”. 1995.

M.D. Thesis Project:

“DNA sequence analysis for Structure/Function and Mutation studies in Duchenne/Becker muscular dystrophy“. 2000

THESIS SUPERVISION

- Pattern of epilepsy in childhood and adolescents in Assiut. A hospital-based study (Master).
- Pattern of Neurological disorders of Assiut University Hospital: A retrospective study (Master).
- Evoked potentials evaluation in children with epilepsy (Master)
- Cognitive Impairment in Epilepsy (Master)
- Epidemiology of migraine and tension headache in Assiut district (Doctor Degree)
- Neuropsychological consequences of idiopathic epilepsy (Master).
- The neuroimmunological aspects in tramadol addict patients (Master).
- Mutation analysis of Egyptian patients with hereditary peripheral neuropathy (Doctor Degree)
- Evaluation of kidney function in treated adults with chronic epilepsy (Master)
- Abnormal involuntary movements with uremia (Master)

TRAINING COURSES

- Training for Transcranial Doppler utilization for diagnosis in vascular diseases. Saudi German Hospital, Jedda, August 2005.
- Botox injection for treatment of spasticity, hemifacial spasms and involuntary extrapyramidal disorders, Jedda, 2005.

FIELDS OF INTEREST

General Neurology, Neuroepidemiology, Pediatric Neurology, Neurology and Psychiatric disorders, Neuroscience, Neurodegeneration, Neurogenetics, Neuroendocrinology, Neuro-otology, Neuroimmunology, Neurobiology, Neurophysiology, Neuropsychobiology, Neuropsychopharmacology, Neuropharmacology, Neuronal plasticity and repair

PAPERS (International Publications)

1. Wagner KR, Hamed S. Hadley DW, Gropman AL, Burstein AH, Pharm D, Escolar DM, Hoffman EP, Fischbeck KH. Gentamicin treatment of Duchenne and Becker muscular dystrophy due to nonsense mutations. *Ann Neurol.* 2001;49(6):706-711. **PMID: 11409421**
2. Hamed EA, Meki ARM, Gaafar AA, Hamed SA. Role of some vasoactive mediators in patients with erectile dysfunction: their relationship with angiotensin-converting enzyme and growth hormone. *Int J Impot Res.* 2003;15(6):418-425. **PMID: 14671660**
3. Hamed SA. Abdellah MM, El-Melegy NT. Blood levels of trace elements, electrolytes and oxidative stress/antioxidant systems in epileptic patients. *J Pharmacol Sci.* 2004;96(4):465-473. **PMID: 15599098**
4. Hamed S. Sutherland-Smith AJ, Gorospe JR, Kendrick-Jones J, Hoffman EP. DNA sequence analysis for structure/function and mutation studies in Becker muscular dystrophy. *Clinical Genetics* 2005;68(1):69-79. **PMID: 15952989**
5. Hamed SA. Hamed EA, Kandil MR, El-Shereef HK, Abdellah MM, Omar H. Serum Thyroid Hormone Balance and Lipid Profile in Patients with Epilepsy. *Epilepsy Res.* 2005;66(1-3):173-183. **PMID: 16169189**
6. El Desoky ES, Mohamed HO, Farghaly WM, Hamed SA. Hedaya MA, Siest JP. Study of urinary 6-beta-hydroxy/cortisol ration in spot urine sample as a biomarker of 3A4 activity in healthy and epileptic subjects of Egyptian population. *Pharmacol Res.* 2005;51(6):575-580. **PMID: 15829439**
7. Hamed SA. Hoffman EP. Automated sequence screening of the entire dystrophin cDNA in Duchenne dystrophy: Point mutation detection. *Am J Med Genet. (Part B)* 2006;141B(1):44-50. **PMID:15952989**
8. Hamed SA. Elattar AM, Hamed EA. Irreversible Cochlear Damage in Myasthenia Gravis: Otoacoustic emissions analysis. *Acta Neurol Scand.* 2006;113(1):46-54. **PMID: 16367899**
9. Hussein MR, Hamed SA. Mostafa MG, Abu-Dief EE, Kamel NF, Kandil MR. The effects of glucocorticoid therapy on the inflammatory and dendritic cells in muscular dystrophies. *Int J Exp Pathol.* 2006;87(6):451-461. **PMID: 17222213**
10. Hamed SA. Mohamed KA, EL-taher A, Enas AM, Hamed EA, Omar H. The Sexual and Reproductive Health in Men with Generalized Epilepsy: A Multidisciplinary Evaluation. *Int J Impot Res.* 2006;18(3):287-292. **PMID: 16254569**

11. **Hamed SA**. Drug evaluation: PTC-124 - a potential treatment of cystic fibrosis and Duchenne muscular dystrophy. *IDrugs*. 2006;9(11):783-789. *PMID: 17096300*
12. **Hamed SA**, Hamed EA, Elatar AM, Abdel Rahman MS, Amine NF. Cranial Neuropathy in Rheumatoid arthritis with special emphasis to II, V, VII, VIII and XI cranial nerves. *APLAR*. 2006;9(3):216-226. ***DOI: 10.1111/j.1479-8077.2006.00204.x***
13. **Hamed SA**, Abdel Rahman MS. Intravitreal Triamcinolone in Treatment of Diffuse Diabetic Macular Oedema: Functional and Anatomic Evaluation. *African J Neurol Scien*. 2006;25(1):22-32.
14. **Hamed SA**, Hamed EA, Hamdy R, Nabeshima T. Vascular risk factors and oxidative stress as independent predictors of asymptomatic atherosclerosis in Adult patients with epilepsy. *Epilepsy Res*. 2007;74(2-3):183-192. [***PMID: 17448640***]. ***DOI: 10.1016/j.jstrokecerebrovasdis.2009.04.007***.
15. **Hamed SA**, Hamed SA, Shokry M, Mohamed HO, Abdellah MM. The Reproductive Conditions and Lipid Profile in Females with Epilepsy. *Acta Neurol Scand*. 2007;115(1):12-27. ***PMID: 17156261***
16. **Hamed SA**, El-Metaal HE. Neurocysticercosis in Saudi Arabia. *Acta Neurol Scand*. 2007;115(3):192-198. ***PMID: 17295715***
17. Mohamed-Hussein AA, **Hamed SA**, Abdel-Hakim N. Central Cortical Dysfunction in Chronic Obstructive Pulmonary Disease: Role of Transcranial Magnetic Stimulation. *Int J Tuberc Lung Dis*. 2007;11(5):515-521. ***PMID: 17439674***
18. Kandil MR, Ahmed WA, Sayed AM, **Hamed SA**. Pattern of Epilepsy in Childhood and Adolescence: A Hospital-Based Study. *African J Neurol Scien*. 2007;26(1):33-45.
19. **Hamed SA**, Hamed EA, Farghaly MH, Ezam KA. Trace elements and flappy tremors in patients with liver cirrhosis: Is there a relationship? *Saudi Med J*. 2008;29(3):477-483. ***PMID: 18327357***
20. **Hamed SA**, Amine NF, Galal GM, Helal SR, Tag El-Din LM, Shawky OS, Abdel Rahman MS. Vascular Risks and Complications in Diabetes Mellitus: The role of Helicobacter Pylori infection. *J Stroke Cerebrovasc Dis*. 2008;17(2):86-94. [***PMID: 18346651***]. ***DOI: 10.1016/j.jstrokecerebrovasdis.2007.10.006***.
21. Khedr E, **Hamed SA**, Elbeih E, El-Shereef H, Ahmad Y, Ahmed S. Iron states and cognitive abilities in young adults: Neuropsychological and Neurophysiological

- assessment. Eur Arch Psychiatry Clin Neurosci. 2008;258(8):489-496. [**PMID: 18574611**]. **DOI: 10.1007/s00406-008-0822-y.**
22. **Hamed SA**, Fida NM, Hamed EA. States of serum leptin and insulin in children with epilepsy: Risk predictors of weight gain. European J Ped Neurol. 2009;13(3):261-268. [**PMID: 18586538**]. **DOI: 10.1016/j.ejpn.2008.05.005.**
 23. Khedr EA, **Hamed SA**, El-Shereef K, Shawky OA, Mohamed KA, Awad EM, Ahmed MA, Shehata GA, Eltahtawy MA. Cognitive impairment after cerebrovascular stroke: relationship to vascular risk factors. Neuropsychiatr Dis Treat. 2009;5:103-116. **PMID: 19557105**
 24. Khedr EM, Rashad SM, **Hamed SA**, El-Zharaa F, Abdel Karim H Abdalla. Neurological complications of Ankylosing Spondylitis: Neurophysiological Assessment. Rheumatol Int. 2009; 29(9):1031-1040. [**PMID: 19153738**]. **DOI: 10.1007/s00296-009-0841-7.**
 25. Khedr EH, **Hamed SA**, Mohammed GA, El. Attar AH. A preliminary study of multimodal evoked potentials in relation to outcome in term infants. J Pediatr Neurol. 2009;7(3):265-273. **DOI 10.3233/JPN-2009-0315**
 26. **Hamed SA**, Mahmoud MA. The risk of asymptomatic hyperammonemia in children with idiopathic epilepsy treated with valproate: Relationship to blood carnitine status. Epilepsy Res. 2009;86(1):32-41. [**PMID: 19446440**]. **DOI: 10.1016/j.eplepsyres.2009.04.002.**
 27. **Hamed SA**, Hamed EA, Abdella MM. Septic encephalopathy: Relationship to serum and cerebrospinal fluid levels of adhesion molecules, lipid peroxides and S-100B protein. Neuropediatrics. 2009;40(2):66-72. [**PMID: 19809934**]. **DOI: 10.1055/s-0029-1231054.**
 28. **Hamed SA**, Hamed EA, Zakari MM. oxidative stress and S-100B protein in children with bacterial meningitis. BMC Neurol. 2009;9(1):51. [**PMID: 19814795**]. **DOI: 10.1186/1471-2377-9-51.**
 29. Jaber SM, Hamed EA, **Hamed SA**. Adhesion Molecules Profile in Children with Bacterial Meningitis and Sepsis. J Pediatric Neurol. 2009;7:357-366. **DOI 10.3233/JPN-2009-0330**
 30. Jaber SM, Hamed EA, **Hamed SA**. Adhesion Molecule levels in serum and cerebrospinal fluid in Children with Bacterial Meningitis and Sepsis. J Pediatric Neuroscience. 2009;4(2):76-85. [**PMID: 21887188**]. **DOI: 10.4103/1817-1745.57326.**

31. Shehata GA, Bateh AM, **Hamed SA**, Rageh TA, Elsorogy YB. Effect of antiepileptic drugs (carbamazepine versus valproate) on cognition and behaviour of adult males with epilepsy. *Neuropsychiatr Dis Treat*. 2009;5:527-533. **PMID: 19898666**
32. **Hamed SA**. A Migraine Variant with Abdominal Colic and Alice in Wonderland Syndrome: A Case Report and Review. *BMC Neurol*. 2010;10(1):2. [**PMID: 20053267**]. **DOI: 10.1186/1471-2377-10-2**.
33. **Hamed SA**, Hamed EA, Mahmoud AA, Mahmoud NM. Vascular risk factors, endothelial function and carotid thickness in patients with migraine: relationship to atherosclerosis. *J Stroke Cerebrovasc Dis*. 2010;19(2):92-103. **PMID: 20189084**
34. **Hamed SA**, Elattar AM. Auditory Involvement in Hyperuricemia: Otoacoustic Emissions Analysis. *Am J Otolaryn*. 2010;31(3):154-161. [**PMID: 20015733**]. **DOI: 10.1016/j.amjoto.2008.12.002**.
35. **Hamed SA**. Cerebrolysin in Treatment of Acquired peripheral Nervous System Diseases: A clinical experience. *Neural Regen Res*. 2011;6(18):1415-1420.
36. El-kossi AE, Abdellah MM, Rashad AM, **Hamed SA**. The Effectiveness of Evening Primrose in Glycemic Control and Improvement of Nerve Structure and Function in Diabetic Rats. *J Clin Exper Invest*. 2011;2(2):133-150. **DOI: 10.5799/ahinjs.01.2011.03.0049**
37. Haworth A, Bertram L, Carrera P, Elson JL, Braastad CD, Cox DW, Cruts M, den Dunnen JT, Farrer MJ, Fink JK, **Hamed SA**, Houlden H, Johnson DR, Nuytemans K, Palau F, Rayan DL, Robinson PN, Salas A, Schüle B, Sweeney MG, Woods MO, Amigo J, Cotton RG, Sobrido MJ. Call for participation in the neurogenetics consortium within the Human Variome Project. *Neurogenetics*. 2011;12(3):169-173. [**PMID: 21630033**]. **DOI: 10.1007/s10048-011-0287-4**.
38. **Hamed SA**, Selim ZI, Elattar AM, Ahmed EA, Elsorogy YM Mohamed HO. Assessment of biocorrelates for brain involvement in female patients with rheumatoid arthritis. *Clin Rheumatol*. 2012;31:123–132. [**PMID: 21695659**]. **DOI: 10.1007/s10067-011-1795-1**
39. **Hamed SA**, Darwish ES, Youssef AH, Abo-Fadan NH, Abdellah MM, Bathalath AMS. The effect of antiepileptic drugs on the evoked potentials of children with idiopathic epilepsy. *J Pediatric Epilepsy*. 2012;2:103–112. **DOI 10.3233/PEP-2012-017**.

40. **Hamed SA**, Youssef AH, Elattar AM. Assessment of cochlear and auditory pathways functions with migraine. Am J Otolaryn. 2012;33(4):385-394. [**PMID: 22133970**]. **DOI: 10.1016/j.amjoto.2011.10.008**.
41. **Hamed SA**, Metwaly NA, Hassan MM, Mohamed KA, Ahmad MA, Soliman AA, Elsaied AM. Depression in adults with epilepsy: relationship to psychobiological variables. World J Neurol. 2012;2(1):1-10. **DOI:10.5316/wjn.v2.i1.1**
42. **Hamed SA**, Elserogy YE, Abdou MA, Abdellah MM. The risks of suicidality in adult patients with epilepsy. World J Psych. 2012;2(2): 33-42. **DOI:10.5498/wjp.v2.i2.33**
43. Patrinos GP, Smith TD, Howard H, Al-Mulla F, Chouchane L, Hadjisavvas A, **Hamed SA**, Li XT, Marafie M, Ramesar RS, Ramos FJ, de Ravel T, El-Ruby MO, Shrestha TR, Sobrido MJ, Tadmouri G, Witsch-Baumgartner M, Zilfalil BA, Auerbach AD, Carpenter K, Cutting GR, Dung VC, Grody W, Hasler J, Jorde L, Kaput J, Macek M, Matsubara Y, Padilla C, Robinson H, Rojas-Martinez A, Taylor GR, Vihinen M, Weber T, Burn J, Qi M, Cotton RG, Rimoin D; International Confederation of Countries Advisory Council. Human Variome Project country nodes: documenting genetic information within a country. Hum Mutat. 2012;33(11):1513-1519. [**PMID: 22753370**]. **DOI: 10.1002/humu.22147**.
44. **Hamed SA**, Abd Elaal RF, Mohamad KA, Youssef AH, Abdou MA. Neuropsychological, Neurophysiological and Laboratory Markers of Direct Brain Injury in Type 2 Diabetes Mellitus. Journal of Neurology and Neuroscience 2012;3 No1:2 **DOI: 10.3823/326**
45. Metwalley KA, Farghaly HS, Darweesh MA; **Hamed SA**. Cognitive Delay in Children with Tuberous Sclerosis in a Developing Country: Clinical Correlations. J Paediatric Epilepsy 2012;1(4): 221-228. **DOI 10.3233/PEP-2012-034**
46. **Hamed SA**, Elserogy YE, Abd-ElHafeez HA. Psychopathological and peripheral level of neurobiological correlates of obsessive compulsive symptoms with epilepsy: A Hospital-Based Study. Epilepsy Behav. 2013;27(2):409-415. [**PMID: 23541859**]. **DOI: 10.1016/j.yebeh.2013.01.022**.
47. **Hamed SA**, Elattar AM. Vestibular function in patients with migraine. Journal of Neurology and Neuroscience 2012;3(1:4). **DOI: 10.3823/32**
48. **Hamed SA**, Youssef AH, Elserogy YE, Herdan O, Abd-Elaal RF, Metwaly NA, Hassan MM, Mohamad HO. Cognitive function in patients with Type 2 Diabetes Mellitus: Relationship to stress hormone (Cortisol). Journal of Neurology and Neuroscience 2013: vol.4 #2:3. **DOI: 10.3823/335**.

49. **Hamed SA**, Ahmad HK, Youssef AH, Metwaly NA, Hassan MM, Mohamad HO. Erectile Function in Men with Epilepsy: Relationship to Demographic-, Clinical-, Endocrinal-, Psychosocial- related variables. Journal of Neurology and Neuroscience 2013: vol.4 #2:5. **DOI: 10.3823/336**.
50. **Hamed SA**, Youssef AH, Abd Elaal RF, Hassan MM. Evaluation of central diaphragmatic neural function in early stages of chronic obstructive pulmonary disease. JNN 2013: vol.4 #2:5. **DOI: 10.3823/337**.
51. **Hamed SA**, Ezz-El-Deen ME, Abdou MA. Migraine headache and metabolic syndrome: Relationship to leptin, an adiposity protein. Metabolomics 2012;2:4 **DOI.org/10.4172/2153-0769.1000114**.
52. Abda EA, Selim ZI, Radwan MEM, Mahmoud NM, Herdan OM, Mohamed KA, **Hamed SA**. Markers of Acute Neuropsychiatric Systemic Lupus Erythematosus: A Multidisciplinary Evaluation. Rheumatoid International. 2013;33(5):1243-53. [**PMID: 23064543**]. **DOI: 10.1007/s00296-012-2531-0**.
53. **Hamed SA**, Eltayeb AA, Mohamad HO, Moussa EM. Brain function in children with uncomplicated epilepsy: relationship to biomarkers of brain damage (neuron specific enolase and S100 β protein). J Pediatric epilepsy. 2013;2:115-124. **DOI: 10.3233/PEP-13050**
54. Fawcett K, Mehrabian M, Liu YT, **Hamed S**, Elahi E, Revesz T, Koutsis G, Herscheson J, Schottlaender L, Wardle M, Morrison PJ, Morris HR, Giunti P, Wood N, Houlden H. The frequency of spinocerebellar ataxia type 23 in a UK population. J Neurol. 2013; 260(3):856-9. [**PMID: 23271220**].
55. **Hamed SA**, Haridi MA, Ali AM, Elattar AM. Peripheral and central auditory pathways function in patients with type 2 diabetes mellitus. J Neurol Neurosci 2014: 5(1):2 **DOI: 10.3823/341**
56. Kandil MR, **Hamed SA**, Fadel KA, Youssef AH, Abd ElHameed MA, Mohamed KO. Epidemiology of tension type headache in Assiut Governorate, Egypt. Journal of Neurology and Neuroscience 2014;5(1):2. **DOI: 10.3823/341**
57. **Hamed SA**, Moussa EMM, Youssef AH, Abd ElHameed MA, NasrEldin E. Bone status in patients with epilepsy: relationship to markers of bone remodeling. Frontiers of Neurology 2014:4. **DOI: 10.3389/fneur.2014.00142**
58. **Hamed SA**, Youssef AH, Abd ElHameed MA, Mohamed MF, Elattar AM. Assessment of cognitive function in patients with myasthenia gravis. Neuroimmunology Neuroinflammation 2014: 1(3):141-146. **DOI: 10.4103/2347-**

8659.143671.

59. **Hamed SA**, Radwan MEN, Haridi MA, Hassan MM. Thyroid Gland Volume in Adults with Epilepsy: Relationship to Thyroid hormonal function. J Neurol Neurosci 2014; 5(3):2. **DOI:10.3823/349**
60. **Hamed SA**, Hermann BP, Moussa EM, Youssef AH, Rageh TA, Elserogy YE, NasrEldin E. Evaluation of penile vascular status with epilepsy. Seizure 2015;25:40-48. **DOI: org/10.1016/j.seizure.2014.12.002**
61. **Hamed SA**, Mohamed KO, Mohamad MMA. Cardiac autonomic function in Patients with Myasthenia Gravis. Neuroimmunol Neuroinflammation 2015: 2(1):33-37. **DOI: 10.4103/2347-8659.149419**
62. **Hamed SA**, Moussa EMM, Tohamy AM, Mohamad ME, Mohamed KO, Kamel TM, Abdallah Seminal fluid analysis and testicular size in Adults with Epilepsy Receiving Valproate. J Clin Neurosci. 2015;22:508-512. **DOI: org/10.1016/j.jocn.2014.08.029**
63. Selim ZI, **Hamed SA**, Elattar AM. Peripheral and central auditory pathways function with rheumatoid arthritis. Int. J. Clin. Rheumatol 2015;10(2):85–96. **DOI: 10.2217/IJR.15.7**
64. Wilson SJ, Sallie Baxendale, Barr W, **Hamed SA**, Langfitt J, Samson S, Watanabe M, Baker GA, Helmstaedter C, Hermann BP, Smith M. Indications and expectations for neuropsychological assessment in routine epilepsy care: Report of the ILAE Neuropsychology Task Force, Diagnostic Methods Commission, 2013-2017. Epilepsia, **56**(1):1–8, 2015. **DOI: 10.1111/epi.12962**
65. **Hamed SA**. A variant of multiple sclerosis with dementia and tumefactive demyelinating brain lesions. World Journal of Clinical Cases 2015: 3(6):525-532. **DOI: 10.12998/wjcc.v3.i6.525.**
66. **Hamed SA**, Mekkawy MA, Abozaid. Differential diagnosis of a vanishing brain space occupying lesion in a child. World Journal of Clinical Cases 2015: [Accepted](#)

REVIEW ARTICLES (International Publications)

1. **Hamed SA**, Abdallah MM. Trace elements and electrolytes homeostasis and their relation to antioxidant enzyme activity in brain hyperexcitability of epileptic patients. J Pharmacol Sci. 2004;96(4):349-359. **PMID: 15599105**
2. **Hamed SA**, Nabeshima T. The High Atherosclerotic Risk Among Epileptics: The Atheroprotective Role of Multivitamins. J Pharmacol Sci. 2005;98(4)340-353. **PMID: 16079465**

3. **Hamed SA.** Leptin and Insulin Homeostasis In Epilepsy: Relation To Weight Adverse Conditions. *Epilepsy Res.* 2007;75(1):1-9. **PMID: 17499974**
4. **Hamed SA.** Neuroendocrine hormonal conditions in epilepsy: relationship to reproductive and sexual functions. *Neurologist.* 2008,14(3):157-169. [**PMID: 18469673**]. **DOI: 10.1097/NRL.0b013e3181618ada.**
5. **Hamed SA.** Neuronal Plasticity: Implications in Epilepsy Progression and Management. *Drug Develop Res.* 2007;68(8):498-511. **DOI: 10.1002/ddr.20217.**
6. **Hamed SA.** The vascular risk associations with migraine: Relation to migraine susceptibility and progression. *Atherosclerosis.* 2009;205(1):15-22. [**PMID: 19054516**]. **DOI: 10.1016/j.atherosclerosis.2008.10.016.**
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I am a member of the medical advisory panel for Neurology, Egypt (1991-to-present).

I regularly conduct lectures for epilepsy and muscle disorders field officers, general practitioners, teachers, psychologists, EEG technicians and parents groups on epilepsy, epilepsy syndromes, genetics of epilepsy and hereditary muscle disorders.

I was a member of the medical advisory panel for euromdnet.org

Professional groups:

President of the Saudi Neurology club (Aseer) (2005-2007)

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