



Hosam Maher Al-Jehani

Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 28/01/1978

Department | Neurosurgery

Official UoD Email | hjehani@uod.edu.sa

Office Phone No. | +9668966666 ext. 1605

Language Proficiency

Language	Read	Write	Speak
Arabic	X	X	X
English	X	X	X
Others	French	French	French

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
June 2013	Fellowship	McGill University and University of Montreal	Canada
October 2011	MSc Neurosciences	McGill University	Canada
June 2011	Fellowship	McGill University	Canada
June 2010	Fellowship	Royal College of surgeons of Canada	Canada

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Master	Masters of Neurosciences, Integrated program of Neurosciences, McGill University
--------	--

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Neurosurgery, Interventional Radiology and Neurocritical care	University of Dammam, Saudi Arabia	Dec 2013 – to date
Consultant	Neurosurgery	King Fahad University Hospital, University of Dammam, Saudi Arabia	Dec 2013 – to date



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Magro E, Chainey J, Chaalala C, Al Jehani H , Fournier JY, Bojanowski MW.	Management of ruptured posterior fossa arteriovenous malformations.	Clin Neurol Neurosurg. 2015 Jan;128:78-83.
2	Al-Jehani H , Najjar A, Sheikh BY.;	Determining the critical size of intracranial aneurysm predisposing to subarachnoid hemorrhage in the Saudi population.	Asian J Neurosurg. 2014 Oct-Dec;9(4):193-5.
3	Alzhrani GA, Al-Jehani HM , Melançon D.;	Multi-level Split Cord Malformation: Do We Need a New Classification?	J Clin Imaging Sci. 2014 Jun 24;4:32
4	Al-Jehani H , Tampieri D, Cortes M, Melançon D.;	Re-growth of a posterior inferior cerebellar artery aneurysm after resection of the associated posterior fossa arteriovenous malformation.	Interv Neuroradiol. 2014 Jan-Feb;20(1):61-6
5	Al-Jehani H , Tampieri D, Sinclair D.;	Basilar artery aneurysm presenting with hemiparkinsonism.	Parkinsonism Relat Disord. 2014 Mar;20(3):346-8.
6	Al-Jehani HM , Hall JA, Maleki M.;	Decompressive laparotomy for treatment of refractory intracranial hypertension, thinking out of the box;	Neurosciences (Riyadh). 2013 Oct;18(4):382-4
7	Ajlan AM, Al-Jehani H , Torres C, Marcoux J,	Deep venous structures distortion in spontaneous intracranial hypotension as an explanation for altered level of consciousness.	J Neurointerv Surg. 2013 Oct 3.
8	Ajlan AM, Al-Jehani H , Torres C, Marcoux J,	Deep venous structures distortion in spontaneous intracranial hypotension as an explanation for altered level of consciousness.	BMJ Case Rep. 2013 Sep 24;2013
9	Hosam Al-Jehani , Mohammad Alkutbi, Mohammad Maleki, Judith Marcoux, Jeanne Teitelbaum;	How Transcranial Doppler can assess the effect of hyperosmolar therapy and the degree of circulatory compromise in acute brain herniation.	Springerplus. 2013; 2: 319 Aug 2013



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
10	Laurent Methot, Robert Hermann, Yeman Tang, Rita Lo, Hosam Al-Jehani , Sumit Jhas, Devon Svoboda, Ruth S. Slack, Philip A. Barker, Stefano Stifani.	Interaction and Antagonistic Roles of NF-kappaB and Hes6 in the Regulation of Cortical Neurogenesis.	Mol Cell Biol. 2013 Jul;33(14)
11	Yasser Abulhasan, Hosam Al-Jehani , Marie-Anne Valiquette, Anne McManus, Mylène Dolan Cake, Omar Ayoub, Mark Angle, Jeanne Teitelbaum;	Lumbar Drainage in Severe Bacterial Meningitis.	Neurocrit Care. 2013 Jun 6
12	Hosam Al-Jehani , Bassem Shiekh,	Transcranial Doppler as confirmatory test in brain death assessment, a perspective from the Saudi Arabian health system.	Neurosciences (Riyadh). 2013 Apr;18(2):122-5.
13	Al-Jehani HM.	Posterior communicating artery aneurysms.	Neurosciences (Riyadh). 2013 Jan;18(1):93-4
14	Al-Jehani H , Petrecca K.	The case for mini-craniotomy in the management of chronic subdural hematoma.	Acta Neurochir (Wien). 2013 Jan;155(1):189-90
15	Hosam Al-Jehani , Marcoux, Mark Angle, Jeanne Teitelbaum;	The use of transcranial Doppler pulsatility index to guide hyperosmolar therapy.	Neurosciences (Riyadh). 2012 Oct;17(4):363-7
16	Hosam Al-Jehani , Line Jacques.	The Duration of Intraoperative spinal cord stimulation influences the success and outcome of spinal cord stimulation	Turk Neurosurg. 2012;22(5):588-90
17	Al-Jehani H , Dudley R, Marcoux J.	Is decompressive craniectomy detrimental to the treatment and outcome of severe traumatic brain injury?	Acta Neurochir (Wien). 2012 Nov;154(11)
18	Hosam Al-Jehani , Abdulrazag Ajlan, David Sinclair;	Fahr's Disease Presenting with Aneurysmal Subarachnoid Hemorrhage.	J Clin Imaging Sci. 2012;2:27
19	Al-Jehani H , Tietelbaum J.	Is C-reactive protein useful as a predictor for poor outcome after aneurysmal subarachnoid hemorrhage?	Acta Neurochir (Wien). 2012 Jun;154(6):1011-2
20	JS Teitelbaum, M Lannes, H Al-Jehani , Y Abulhasan, M Angle;	Intravenous milrinone in the treatment of cerebral vasospasm and ischemia induced by aneurysmal subarachnoid hemorrhage.	THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES, 38 (3) (Supplement 1) May 2011
21	HM Al-Jehani , M Hebert-Blouin, L Jacques;	Peripheral nerve stimulation for chronic neurogenic pain.	THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES, 38 (3) (Supplement 1) May 2011



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
22	O Ayoub, W Al-Issawi, H Al-Jehani , M Cortes, D Tampieri, YAbulhasan, M Angle, J Teitelbaum;	Spot sign in aneurysmal subarachnoid hemorrhage.	THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES, 38 (3) (Supplement 1) May 2011.
23	Hosam Al-Jehani .	Line Jacques, Peripheral Nerve Stimulation for Chronic Neurogenic Pain.	Prog Neurol Surg. 2011;24:27-40
24	Ahmed Al-Jishi, Rajeet Singh Saluja, Hosam Al-Jehani , Julie Lamoureux, Mohammed Maleki, Judith Marcoux.	Early versus late decompressive craniectomy: different indication, different outcome.	<i>The Canadian Journal of Neurological Sciences</i> , (38); 4, July 2011, 612 - 620
25	Hosam Al-Jehani , Carlos Torres, M-Christine Guiot, Judith Marcoux;	Scedosporium Cerebral Abscesses After Extra-Corporeal Membrane Oxygenation.	The Canadian Journal of Neurological Sciences, (37); 5, September 2010, 671 - 676
26	Hosam Al-Jehani , Line Jacques;	Neuromodulation for axial back pain: is tripolar leads in spinal cord stimulation the answer? Initial series at a single institution.	European Journal of Pain, Volume 13, Issue S1, pages S241a-S241, September 2009
27	Tanriverdi T, Al-Jehani H , Poulin N, Olivier A.	Functional results of electrical cortical stimulation of the lower sensory strip.	J Clin Neurosci. 2009 Sep;16(9):1188-94
28	Tanriverdi T, Al-Jehani H , Poulin N, Olivier A.	Superficial anastomotic veins: neurosurgical view depending on 251 craniotomies.	Can J Neurol Sci. 2009 Jan;36(1):65-71.
29	Bassem Y Sheikh, Hosam Al Jehani .	Implementing transcranial Doppler as confirmatory test in brain death criteria.	The Pan Arab Journal of Neurosurgery, Volume 12, No. 1 April, 2008.
30	Al-Anazi A. MD ; Nasser M. MD ; Moghazy K. MD, Al-Jehani H. MD ; El Hadi, O. MD,	Radiographic Measurement of Lumbar Spinal Canal Size and Canal/Body Ratio in Normal Adult Saudis.	Neurosurgery Quarterly, Volume 17(1), March 2007, pp 19-22

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	Ahmed Ammar, Mariam Al Rashid, Munir Nasser, Hosam Al Jehani , Ossama Abd Al hadi and Abdul Rahman Al Anizi; edited by Kasadi KN Kalangu, Yoko Kato, Gilbert Dechambenoit.	<i>Head Trauma</i> . Essential Practice of Neurosurgery,	Accss Publishing Co. ltd, 22-22,3 Chome, Chikusa, Chikusaku, Nagoya 464-0858, Japan. Pages 660- 680.	2010



#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
2	Hosam Al Jehani, Denis Sirhan, Sabbagh and Nader.	<i>Intraventricular hemorrhage</i> , chapter 33 in Cases in Neurosurgery	Thieme medical publishing	
3	Hosam Al Jehani, Richard Leblanc.	<i>Familial intracranial Aneurysms</i> , chapter 38 in Cases in Neurosurgery, Sabbagh and Nader	Thieme medical publishing	
4	Hosam Al-Jehani.	Spinal cord stimulation for ischemic heart disease (Neurosurgery Tricks of the Trade.	Michael Levy, Scott Berta, Remi Nader)	
5	Hosam Al-Jehani, Mohammad Alkutbi, Abdulrazag Ajlan, Mahmood Yamany,	Orbital meningiomas (Neurosurgery Tricks of the Trade. Michael Levy, Scott Berta, Remi Nader)		

Membership of Scientific and Professional Societies and Organizations

International:

- American academy of neurological surgeons
- Congress of neurological surgeons
- American Neuromodulation Society
- American Heart Association
- American association of advancement of sciences

National:

- Saudi Arabian neurosurgical society
- Saudi Neurocritical care Chapter
- Saudi Stroke Association

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Neurosurgery		4

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	lectures and sessions about head injury and cerebrovascular disease
---	---



Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Saudi Board of Neurosurgery		resident training
2	University of Dammam fellowship in Neurosurgery		resident training

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	Undergraduate	4	July 2014	present

Last Update

...../...../2016