



CURRICULUM VITAE

A. Personal Experience

Personal Background

Name	Paul Hage
Title	Professor of Neurosurgery
Institution	Lebanese American University / LAU Medical Center – Rizk Hospital
Address	Building 1845, Camille Chamoun Street, Horsh Tabet, Beirut, Lebanon
Nationality	Lebanese & British
Date of Birth	January, 1968
Email Address	paulhage32@hotmail.com
Phone Number	+961-3-772 399

Languages

Arabic	Professional Working
French	Professional Working
English	Professional Working

Academic Work Experience

Current	Professor of Neurosurgery Department of Surgery – Division of Neurosurgery Lebanese American University / LAU Medical Center – Rizk Hospital
2012 to 2021	Associate Professor of Neurosurgery Department of Surgery – Division of Neurosurgery University of Balamand – Saint George Hospital University Medical Center

2001 to 2012 **Assistant Professor of Neurosurgery**
Department of Surgery – Division of Neurosurgery
University of Balamand – Saint George Hospital University Medical Center

Administrative Work Experience

Current **Director of International Affairs**
Lebanese American University / School of Medicine

2017 to 2021 **Assistant Dean for Development**
University of Balamand / Faculty of Medicine

2010 to 2017 **Assistant Dean for International Programs**
University of Balamand / Faculty of Medicine

2015 to 2017 **Director of International Relations**
Saint George Hospital University Medical Center

2013 to 2017 **Chairman of the Surgery Department**
Saint George Hospital University Medical Center – University of Balamand

2010 to 2019 **Chief of Division of Neurosurgery**
Saint George Hospital University Medical Center – University of Balamand

Educational Background

October 2000 **Certificate of Specialized Training in Neurosurgery**
François Rabelais University, Tours, France

September 2000 **Master in Surgical Sciences, Major Neuroscience**
Paris XI University, Paris, France

September 1999 **Certificate of Surgery of the Vertebral Artery**
Lariboisière Hospital, Paris, France

June 1999 **Specialty Diploma of Neurosurgery**
Faculty of Medicine, Saint Joseph University, Beirut, Lebanon

June 1999 **Bachelor of Science (BS) in Biology**
François Rabelais University, Tours, France

June 1999	Certificate of Radio-Anatomy François Rabelais University, Tours, France
June 1998	Preparatory Diploma in Biomedical Research: Epidemiology and Public Health François Rabelais University, Tours, France
June 1997	University Diploma of Microsurgery Faculty of Medicine, Saint Joseph University, Beirut, Lebanon
February 1994	Foreign Medical Graduate Examination in Medical Sciences (FMGEMS)
June 1993	Doctorate in Medicine Faculty of Medicine, Saint Joseph University, Beirut, Lebanon
June 1986	French and Lebanese Baccalaureate with honors, Major: Mathematics Lycée Franco-Libanais

Training and Fellowship

1999 to 2000	Fellowship in Spinal Surgery and Brain Tumors Bretonneau Hospital, Tours, France
1997 to 1999	Residency Training in Neurosurgery Bretonneau Hospital, Tours, France
1993 to 1997	Residency Training in Neurosurgery Hotel-Dieu de France Hospital, Beirut, Lebanon

B. Research

Peer Reviewed Journal Publications

- 1. Hage P, Kseib C, Adem C, Choueiry C, Matta R**
Atypical Presentation of Curarino Syndrome: A case Report
Int J Surg Case Rep. 2019
- 2. Hage P, Kseib C, Hmaimess G, Jaoudeh PA, Noun P**
Recurrent posterior reversible encephalopathy syndrome with cerebellar involvement leading to acute hydrocephalus
Clin Neurol Neurosurg. 2018; 172:120-123

3. **Hage P**, Daou B, Jabbour P
Spontaneous otogenic pneumocephalus due to altitude changes: a case report and review of literature
Clin Neurol Neurosurg. 2015 Nov; 138:162-4
4. **Hage P**, El Helou A
“Water Hammer effect”: a rare mechanism of hydrocephalus
Neurochirurgie, 2012 Oct; 58(5):317-9
5. Alaywan M, Abi Chahine N, **Hage P**, Nachanakian A
Dandy–Walker malformation: surgical treatment of 17 cases
Pan Arab journal of neurosurgery; volume 12 n 1, April 2008
6. **Hage P**, Abi Chahine N, Alaywan M, Nachanakian A
A rare aetiology of myelopathy: spinal dural arteriovenous fistula: report of 6 cases
Pan Arab journal of neurosurgery; volume 11, n 2 October 2007
7. Jan M, Francois P, Trouillas J, **Hage P**
Indications for total hypophysectomy in Cushing’s disease
Neurochirurgie, 2002, 48, n 2-3, 266-270.
8. Dagher C, Naccache N, Narchi P, **Hage P**, Antakly MC
Regional anesthesia for lumbar microdiscectomy
J Med Liban. 2002; 50(5-6) :206-210.
9. Slaba S, Smayra T, **Hage P**, Okais N, Atallah N
An unusual cause of acute myelopathy: a dural arteriovenous fistula at the craniocervical junction
J Med Liban. 2000 May-June; 48(3): 168-172.
10. Okais N, Moussa R, **Hage P**
Cervical myelopathy from ossification of the posterior longitudinal vertebral ligament. Report of 2 cases.
Neurochirurgie. 1999 Mar; 45(1): 49-53.
11. Okais N, Moussa R, Nohra G, **Hage P**, Rizk T, Samaha E
Stereotaxic approach in deep cerebral lesions
J Med Liban. 1998 Mar-Apr; 46(2): 63-8.
12. Moussa R, **Hage P**, Chahine G, Mohasseb G, Okais N
Cerebral metastasis disclosing osteosarcoma. Apropos of a case.
Neurochirurgie. 1997; 43(5): 330-3.

13. Okais N, Moussa R, **Hage P**
Value of increased MRI signal intensity in cervical arthrosis in myelopathies
Neurochirurgie. 1997; 43(5): 285-90; discussion 290-1.
14. **Hage P**, Nohra G, Moussa R , Samaha E, Chemaly R, Okais N
Cervical extra-dural hematoma under coagulants. Review of etiologies and prognosis.
Revue Neurologique (Paris). 1997 Feb; 155(1) :67-8.
15. Samaha E, Moussa R, Antakly MC, **Hage P**, Nohra G, Mohasseb G, Okais N
Thermocoagulation in the treatment of facial neuralgia. Preliminary results in 22 cases
J Med Liban. 1996; 4(44): 218-22.

Conference Proceedings

1. Kseib C, **Hage P**
Recurrent posterior reversible encephalopathy syndrome with cerebellar involvement leading to acute hydrocephalus
World Association of Lebanese Neurosurgeons (WALN) meeting, Beirut, 2018
2. **Hage P**,
Management of head trauma
ER physician meeting, American University of Beirut, Beirut, May 2009
3. **Hage P**,
Craniosynostosis
Pediatric meeting, Saint George Hospital University Medical Center, Beirut, January 2007
4. **Hage P**,
Neuropathic v/s nociceptive pain
Annual meeting at Bhannes Hospital, Beirut, August 2007
5. **Hage P**,
Spinal dysraphism
Pediatric meeting, Saint George Hospital University Medical Center, Beirut, April 2006
6. **Hage P**, Rai S, Adem C, Achou R
An unusual mechanism of hydrocephalus
Lebanese society of neurosurgery, Beirut, December 2005
7. Jan M, Francois P, Trouillas J, **Hage P**
Indications for total hypophysectomy in Cushing's disease
Société de neurochirurgie de langue française, Saint-Etienne, June 2002

- 8.** Francois P, **Hage P**, Jan M
Hemangioblastoma of the internal acoustic canal: Apropos of a case.
5th meeting of the Francophone study group of Von Hippel Lindau disease, Paris, January 2001
- 9.** **Hage P**
Surgical treatment of Cushing's disease
Meeting Des /Dis Tours, October 2000
- 10.** **Hage P**, François P, Jan M
Role of total hypophysectomy in the surgical treatment of Cushing's disease
Société de neurochirurgie de langue française, Paris, November 2000
- 11.** Francois P, **Hage P**, Jan M
Does microprolactinoma exist in men?
Société de neurochirurgie de langue française, Paris, November 2000
- 12.** Dagher C, Narchi P, Naccache N, **Hage P**, Antakly MC
Regional anesthesia for lumbar disc surgery
Annual meeting the American Association of Anesthesiologists, Orlando, Florida 1998
- 13.** Maarawi J, Nohra G, **Hage P**, Samaha E, Rizk T, Okais N
Cranio-cerebral wound injuries by firearms during the Lebanese War
Société de neurochirurgie de langue française, Nantes, June 1998
- 14.** **Hage P**, Nohra G, Moussa R, Samaha E, Rizk T, Okais N
Giant intrasellar aneurysm: apropos of two cases
Société de neurochirurgie de langue française, Paris, December 1997
- 15.** Okais N, **Hage P**, Moussa R, Nohra G, Samaha E, Rizk T
Posterior cervical approach in cervical radiculopathies: apropos of 25 cases
Société de neurochirurgie de langue française, Paris, December 1997
- 16.** **Hage P**, Rizk T, Nohra G, Samaha E, Okais N
MRI features of hydrocephalus
Scientific day on hydrocephalus, USJ, Beirut, 1997
- 17.** **Hage P**, Moussa R, Okais N
Stereotaxic biopsy of cerebral lesions: Hotel Dieu de France hospital experience
Hôpital Ain and Zein, Lebanon, 1997
- 18.** **Hage P**, Moussa R, Maarawi J, Rizk T, Nohra G, Samaha E, Mohasseb G, Okais N
Infection of cranioplasties in cranio-cerebral wound injuries by firearms
Meeting of the Lebanese society of neurosurgery, Adma, Lebanon, 1997

19. **Hage P**, Slaba S, Moussa R, Aoun N, Attalah N, Okais N
Dural fistula of the foramen magnum with perimedullary venous drainage: a rare cause of myelopathy
Société de neurochirurgie de langue française, Marrakech, June 1997

20. Okais N, Moussa R, **Hage P**, Samaha E, Nohra G, Rizk T
Value of the MRI hypersignal in cervical spondylotic myelopathies
Société de neurochirurgie de langue française, Marrakech, June 1997

21. **Hage P**, Moussa R, Maarawi J, Rizk T, Nohra G, Samaha E, Mohasseb G, Okais N
Infection of cranioplasties in craniocerebral wound injuries by firearms
Société de neurochirurgie de langue française, Marrakech, June 1997

22. Slaba S, Okais N, Samaha E, Nohra G, **Hage P**, Attalah N
Endovascular therapy of vertebral fistulae: report of two cases.
World association of lebanese neurosurgeons, Beirut, July 1997

23. **Hage P**, Okais N
Treatment of intrasellar aneurysms
World association of Lebanese neurosurgeons, Beirut, July 1997

Thesis

2000	Quantification of the Cortical Cerebral Volume in Vitro Master of Neuroscience
1999	MRI Volumetric study of the Meckel's Cave Certificate of Radio-anatomy
1999	Surgical Treatment of Cushing's Disease Certificate of Specialized Training in Neurosurgery
1998	Incidence of Hyperglycemia in Patients with Moderate Head Trauma Preparatory Diploma in Biomedical Research: epidemiology and public health
1993	Auditory Evoked Potentials Doctorate in Medicine

Research Activity

1999 to 2000 Researcher in the Anatomy Laboratory of Professor Velut, working with Professors Anders Dale and Marc Sereno from Harvard University on the Quantification of the Cortical Cerebral Volume in Vitro.

Anatomy Laboratory, Tours, France

Grants

2000

Title: Quantification of the Cortical Cerebral Volume in Vitro
Status: Funded
Role: Principal Investigator
Source: Research Council, Saint Joseph University, Faculty of Medicine, Beirut, Lebanon
Budget: 12,000 USD
Year: 2000

2000

Title: Quantification of the Cortical Cerebral Volume in Vitro
Status: Funded
Role: Principal Investigator
Source: Fondation ARC (Recherche sur le Cancer)
Budget: 350,000 French Francs
Year: 2000

C. Teaching

Courses

2015 to Current **Head Trauma, Spinal Trauma**

Lebanese European Academy for Emergency Medicine (LEAEM), Saint-George Hospital, University Medical Center

2004 to Current **Neurosurgery Lectures to Med II- Med III Students**

University of Balamand, Faculty of Medicine

2002 to Current **Neuroanatomy, Neuroembryology to Med I Students**

University of Balamand, Faculty of Medicine

2000 **Neuroanatomy Course for Med-I Students**

Faculty of Medicine, François Rabelais University, Tours, France

1999 to 2000	Neurosurgery Lectures Faculty of Nursing, Red Cross, Tours, France
1992-1993	Weekly Neurosurgical Cases Discussions Faculty of Medicine, Saint Joseph University, Beirut, Lebanon
1992	Neuroanatomy Faculty of Nursing, Saint Therese, Beirut, Lebanon
1992 to 1993	Neurophysiology and Neurology Faculty of Physiotherapy, Saint Joseph University, Beirut, Lebanon

D. Services

Professional Societies Membership

2000 to Current	Member of the Lebanese Society of Neurosurgery
2000 to Current	Member of the "Société de Neurochirurgie de Langue Française" (SNCLF)
2000 to Current	Member of the World Association of Lebanese Neurosurgeons (WALN)

Professional Intramural and Extramural Committees

2009 to Current	Member of the Admission Committee Faculty of Medicine - Balamand University
2019 to 2020	Member of the Accreditation Committee (TEPDAD) Faculty of Medicine - Balamand University
2011 to 2013	Member of the Med III Teaching Committee Faculty of Medicine - Balamand University

Institutional/Administrative Service

2009 to 2017	Attended the annual meeting with FOSFOM (Fonds de Soutien à la Formation Médicale) committee in Beirut for the selection of the candidates for "Université Libre de Bruxelles" (ULB)
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- 2016** Established a new agreement between Saint George Hospital and Monash Institute of Health in Melbourne
- 2015 & 2016** Created a University Diploma “Wound Management” between Balamand University/Saint George hospital and University of Lausanne/CHUV
- 2014 & 2016** Attended the fundraising dinner for Saint George hospital in Washington (American Association for Saint George Hospital)
- 2014 to 2015** Participated in the preparation of the bylaws of the RESHOMED (Réseau des Hôpitaux de la Méditerranée) in Marseille where I was elected representative of Lebanon
- 2012 & 2015** Visited Poitiers University/ CHU de Poitiers with the Dean of the Faculty of Medicine at Balamand University and Saint George Hospital Administration
- 2015** Visited Lausanne University the Dean of the Faculty of Medicine at Balamand University and Saint George Hospital Administration to strengthen the relationship
- 2014** Visited Toulouse University/CHU de Toulouse with 4 heads of division to celebrate 30 years of collaboration with Saint George Hospital
- 2013** Visited “Université Libre de Bruxelles” (ULB) with the Dean of the Faculty of Medicine at Balamand University to strengthen the relations with ULB
- 2013** Visited Liege University with the Dean of the Faculty of Medicine at Balamand University to establish primary contacts in view of a new agreement
- 2013** Established a new agreement between Balamand University/Saint George Hospital and University of Marseille/CHU de Marseille through personal contact with the CEO of CHU of Marseille Mr. Jean Jacques Romatet
- 2012** Established new agreement with Paris 5, Paris 6 and Paris 11 Universities and with APHP (Assistance Publique Hôpitaux de Paris)
- 2012** Visited “Université Libre de Bruxelles” (ULB) with 7 heads of division from Saint George Hospital for the 10th anniversary of FOSFOM and attended 2 workshop days for evaluating the exchange program with ULB
- 2010** Reactivated the agreement with Paul Sabatier University/CHU de Toulouse
- 2009** Reactivated the agreement with Poitiers University/CHU de Poitiers
- 2009 to 2016** Contributed to send more than 100 residents abroad in different specialties with paid position

2001 Established contact with Pr. André Gouazé, President of the CIDMEF (Conférence Internationale des Doyens des Facultés de Médecine d'Expression Française) allowing the Faculty of Medicine at Balamand University to become a member of the CIDMEF

Community Service

2000 to Current Secured donations through personal contacts:

- 30,000 USD to University of Balamand as a grant for research
- 50,000 USD to Saint George Hospital
- Neurosurgical Microscope NC4 (Value 108,000 USD)
- Ambulance for Saint George Hospital

Workshops And Seminars

2019 Neuro-navigation and brain ultrasound course, *Barcelona*

2018 World Association of Lebanese Neurosurgeons, *Beirut*

2018 Vagal nerve stimulation meeting, *Dubai*

2015 Head trauma AO course, *Abu Dhabi*

2012 AO meeting: Davos, *Switzerland*

2011 Congress of Neurological Surgeons, *Washington*

2011 World Association of Lebanese Neurosurgeons, *Beirut*

2008 Société de neurochirurgie de langue française, *Tours*

2007 European congress of neurosurgery, *Glasgow*

2006 Congress of Neurological Surgeons, *Chicago*

2004 Congress of Neurological Surgeons, *San Francisco*

2004 American Association of Neurological Surgeons, *Orlando*

2004 World Association of Lebanese Neurosurgeons, *Beirut*

2001 Société de neurochirurgie de langue française, *Paris*

2000 Société de neurochirurgie de langue française, *Paris*

1999 Société de neurochirurgie de langue française, *Reims*

- 1999** Société de neurochirurgie de langue française, *Paris*
- 1998** Société de neurochirurgie de langue française, *Paris*
- 1997** World Association of Lebanese Neurosurgeons, *Beirut*
- 1997** Société de neurochirurgie de langue française, *Marrakech*
- 1997** Société de neurochirurgie de langue française, *Paris*
- 1996** Société de neurochirurgie de langue française, *Limoges*