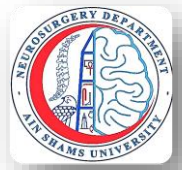


# Walid Ahmed Abdel Ghany, M.D., Ph.D.



## Current position

**Consultant Neurosurgeon, Professor of Neurosurgery and Functional Neurosurgery, Department of Neurosurgery, Ain Shams University, Cairo-Egypt**

## Academic positions

- Intern at Ain Shams University hospitals from September 1, 1998, to August 30, 1999.
- Resident of neurosurgery, Ain Shams University, department of neurosurgery from Jan 1, 2000, to March 31, 2003.
- Assistant Lecturer of Neurosurgery, Ain Shams University, Faculty of Medicine from April 1<sup>st</sup>, 2003, till August 31<sup>st</sup>, 2007.
- Lecturer of Neurosurgery, Ain Shams University, Faculty of Medicine from September 1<sup>st</sup>, 2007, till October 31<sup>st</sup>, 2013.
- Associate professor of Neurosurgery, Ain Shams University, Faculty of Medicine from November 1<sup>st</sup>, 2013, till December 28<sup>th</sup>, 2018
- Professor of Neurosurgery, Ain Shams University, Faculty of Medicine from December 28<sup>th</sup>, 2018, and still.
- Director of Functional Neurosurgery Clinic- Ain Shams University Hospitals.
- Director of Training Program of master's degree of Neurosurgery-Department of Neurosurgery-Ain Shams University
- President of Middle Eastern Society for Stereotactic and Functional Neurosurgery (MSSFN) 2022-2025.

## Undergraduate Study

El-Tawfekeya Secondary School with a score of 91.5%, 1988.

## Graduate Study

Bachelor of Medicine and Surgery, Ain Shams University, Faculty of Medicine, very good degree, 1998.

## Post Graduate studies

- Master of General Surgery, Essay entitled "Combined surgical approaches to temporal and infratemporal fossae lesions ", Ain Shams University, dept. of neurosurgery & dept. of general surgery, May 2002, with excellent degree in surgery.
- Ph.D. Neurosurgery, Ain shams University, April 2007. Thesis entitled "Evaluation of outcome of different modalities in treatment of intractable spasticity"

**Name:** Walid Ahmed Abdel Ghany, Walid A.

Abdel Ghany

**Gender:** male

**Date of Birth:** October, 1<sup>st</sup>, 1973

**Nationality:** Egyptian

**Marital status:** Married

**Address:** 8 Hosny Ahmed Khalaf St., from

Makram Ebied st., Nasr City Cairo-Egypt

**Office:** 7 Al-Razi St. from Abdullah Al-

Araby, 7<sup>th</sup> district, Nasr City, Cairo-

Egypt.

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**E-Mail:**

[wghany@med.asu.edu.eg](mailto:wghany@med.asu.edu.eg)

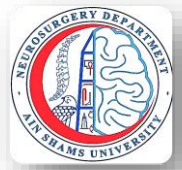
[wghany@gmail.com](mailto:wghany@gmail.com)

**Languages Spoken:**

Arabic (native)

English

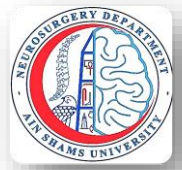
# Walid Ahmed Abdel Ghany, M.D., Ph.D.



## ▪ **Memberships**

- Member of the Egyptian Society of Neurological Surgeons (**ESNS**) -2007.
- Fellow of the World Federation of Neurological Surgeons (**WFNS**)- 2007.
- Member of the International Federation of Neuro-Endoscopy (**IFNE**)- 2007.
- International Fellow of the American Association of Neurological Surgeons (**IFAANS**)-2008.
- Member of the American Academy of Cerebral Palsy and Developmental disorders (**AACPDM**)-2010.
- Honorary Member of the Pediatric Neurology and Development Association of Southern Africa (**PNDA**), 2011.
- Member of the Congress of the Neurological Surgeons (**CNS**) - 2013.
- Member of International Society of Movement disorders and Parkinsonism (**MDS**) – 2014.
- Member of the Middle Eastern Society for Stereotactic and functional Neurosurgery (**MSSFN**) – 2016.
- Member of the World society of Stereotactic and Functional Neurosurgery (**WSSFN**) – 2017.
- Member of the International society of Pediatric neurosurgery (**ISPN**)– 2017.
- Member of the European society of Stereotactic and Functional Neurosurgery (**ESSFNS**)– 2018.
- Member of board of directors (ex-officio) of World Society of Stereotactic and Functional Neurosurgery (**WSSFN**) 2019-2021.

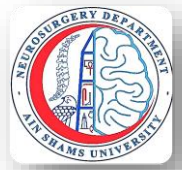
# Walid Ahmed Abdel Ghany, M.D., Ph.D.



## ▪ *Conferences*

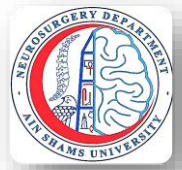
- 5<sup>th</sup> International Congress on Minimally Invasive Neurosurgery, March 2001, Cairo.
- 1<sup>st</sup> training course on Stereotaxy and Functional Neurosurgery-Department of neurosurgery, Ain shams University. Cairo, July 2001.
- Workshop on Stereotaxy and Functional Neurosurgery in African countries. The Egyptian society of neurological Surgeons in collaboration with the pan African association of neurological sciences. Cairo, March 2002.
- Egyptian Society of Neurological Surgeons Meeting in Collaboration with French Neurosurgical Society, Sharm El Sheikh, Egypt, March 2003.
- Egyptian Society of Neurology, Psychiatry & Neurosurgery, 5<sup>th</sup> CNS Cairo International Neurology Conference, **giving a lecture entitled "Rule of Botulinum toxin type A in management of spasticity"**. Sharm El Sheikh, Egypt Jan. 2004.
- 2<sup>nd</sup> International Congress of Egyptian Society of Child Neuro Psychiatry (ESCNP) & 4<sup>th</sup> Pan Arab Neurology Conference In collaboration with international child Neurology Association (ICNA), **Oral presentation entitled "Minimally invasive techniques for spasticity"**. Cairo, April 2004.
- Annual summer meeting of the department of neurosurgery, Alexandria University in collaboration of the Egyptian society of neurological surgery. Sept. 2004.
- 1<sup>st</sup> 3D Brain Microsurgery Course, by Prof. **Albert Rhoton, M.D.**, Department of Neurosurgery, Ain Shams University in collaboration with brain surgery institute, University of Florida, from Feb 16<sup>th</sup> to 18<sup>th</sup>, 2005.
- 3<sup>rd</sup> International congress of Egyptian society of Child Neuropsychiatry (ESCNP) - Aswan, March 2005.
- Neuropathology Symposium by Prof. **Scheithauer**, the Department of Pathology and Laboratory Medicine, Mayo medical school, Rochester, USA in collaboration with the Department of Neurosurgery, Ain Shams University, Cairo May 2005.

# Walid Ahmed Abdel Ghany, M.D., Ph.D.



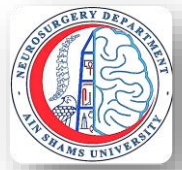
## ▪ *Conferences*

- Workshop on Surgery of the Craniovertebral Junction. Summer meeting of the Egyptian society of neurological surgeons and the department of neurosurgery, Alexandria University. September 2005.
- Neurosurgical ablative procedures for pain management, intensive program. Prof. **Yuçil Kanpolat**, Department of neurosurgery, Ankara University, Ankara-Turkey, November 2005.
- Neuro-Radiology symposium. Department of neurosurgery, Mansoura University in collaboration with the Egyptian Society of Neurological Surgeons and the Egyptian Society of Radiodiagnostic Medicine. Mansoura, Egypt. Jan 2006.
- The 31<sup>st</sup> annual conference of the Egyptian Society of the neurological surgeons. Hurgada-Egypt. March 2006.
- Decision Making in the management of childhood spasticity meeting. Mougins-France, May 2006.
- Future Experts symposium meeting. Madrid, Spain. 14-16 May 2006.
- BOTOX, Experience Exchange Platform, Allergan scientific program. Cairo September 2006.
- Annual meeting of the Egyptian society of neurological surgeons in collaboration with Lebanese society of neurological surgery, World association of Lebanese neurosurgeons and Middle East neurosurgical society-Egypt. March 2007.
- Rehabilitation For All meeting, The Grimaldi Forum Congress Center - Monaco, France, March 2007.
- Educational Course in stereotactic and functional neurosurgery, the department of neurosurgery, Ain Shams University in collaboration with the Egyptian society of neurological surgery (ESNS). **Presenting a lecture entitled " Neurosurgical management of spasticity"**. April 2007.
- Annual summer meeting of the department of neurosurgery, Alexandria University. In collaboration of the Egyptian society of neurological surgeons. Borg El-Arab, Alex-Egypt. Sept. 2007.



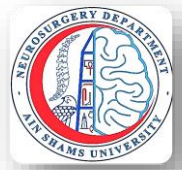
## ▪ *Conferences*

- **Neuro-Endoscopy Hands-On workshop:** WFNS training course organized by WFNS-ESNS, Prof Y. Kato. Sharm El-Sheikh, Egypt. Oct 2007.
- 13<sup>th</sup> WFNS interim meeting / 12<sup>th</sup> AASNS meeting, Nagoya-Japan. Nov 2007.
- Brain & Spine Endoscopy workshop by IFNE, Nagoya-Japan, Nov 22, 2007.
- 33<sup>rd</sup> Annual meeting of the Egyptian society of neurological surgeons in association with Japan Neurosurgical Society, Feb. 2008.
- 2<sup>nd</sup> Rehabilitation for All meeting, Barcelona, Spain, March 2008.
- Annual meeting of AMFG (Azhar Faculty of Medicine for Girls), Oct 30, 2008. Speaker, presentation titled "**Intractable spasticity in pediatric age group: What can neurosurgery do?**"
- 2<sup>nd</sup> American (AANS)-Kuwaiti neurosurgical meeting, Kuwait, 15-19 Nov. 2008.
- XIV World Congress of Neurological Surgery, Boston, MA.USA, August 2009. **Oral presentation" Strategy of invasive management of pediatric hypertonia: An Egyptian Experience".**
- XXII congress of European society of pediatric neurosurgery, Antalya-Turkey, April 2010. **Oral presentation in spasticity session" Strategy of invasive management of pediatric hypertonia: An Egyptian Experience".**
- 4<sup>th</sup> American (AANS)-Kuwaiti neurosurgical meeting, Kuwait, December 4<sup>th</sup> to 8<sup>th</sup>, 2010. **Poster presentation" Combined anterior and posterior lumbar rhizotomy".**
- Rafiq Al-Hariri Hospital- Lebanon meeting, Workshop: Management of CP hypertonia with Botulinum Toxin. **Instructor of Workshop**, March 11<sup>th</sup>, 2011.



## ▪ *Conferences*

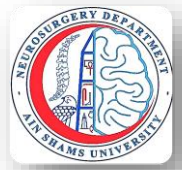
- Updates in Cerebral Palsy Conference & workshop, Oct 28<sup>th</sup> & 29<sup>th</sup>, 2011. University of Free State, Bloemfontein – Republic of South Africa. **Invited Speaker presenting a Keynote lecture "Comprehensive Management of Hypertonia in Children with cerebral Palsy. The Egyptian Experience"**
- 1<sup>st</sup> Middle East Spine meeting, Dec 7<sup>th</sup> to 9<sup>th</sup>, 2011, Istanbul, Turkey.
- 9<sup>th</sup> Pan Arab child Neurology congress (PACNS) Alexandria, Egypt. April 17<sup>th</sup> & 18<sup>th</sup>, 2013. **Invited Speaker, Presenting a Keynote Lecture "Management of Disability in CP: Recent concepts and our multidisciplinary approach"**.
- XV World Congress of Neurological Surgery, Seoul, South Korea, September 2013. **Oral presentation" Central procedures versus peripheral procedures in management of Spastic Cerebral Palsy."**
- Allergan European Network (AEON) meeting for Spasticity and movement disorders, Budapest- Hungary April 2014.
- 10<sup>th</sup> Pan Arab Child Neurology Congress (PACNS) Alexandria- Egypt, April 2014. **Invited Speaker presenting a Keynote lecture" SEMLS- The Importance of Full Dose Treatment"**.
- Train the Trainer meeting. **Management of Adult Spasticity**, Istanbul-Turkey, December 2014.
- First international congress of the Neurosurgery Department, Ain Shams University 2015. **Instructor of Precongress workshop "Role of Botulinum Toxin-Type A in management of Hypertonia"**.
- First international congress of the Neurosurgery Department, Ain Shams University. Functional Neurosurgery session, April 16<sup>th</sup>, 2015. **Keynote Lecture entitled "Management of Motor Disability in Children with Cerebral Palsy. Ain Shams University Experience"**.
- 36<sup>th</sup> Annual Medical Congress of Faculty of medicine, Ain Shams University, April 25<sup>th</sup> to 27<sup>th</sup>, 2015. **Keynote lecture" Brain Machine Interface, A Step to the Future"**.
- 19<sup>th</sup> International congress of Parkinsonism and Movement Disorders, June 13-18, 2015, San Diego, USA. **Poster Presentation entitled"**



## ▪ *Conferences*

### **Combined Anterior and posterior Lumbar Rhizotomy for treatment of Mixed Dystonia and Spasticity in children with cerebral palsy”.**

- 3<sup>rd</sup> Annual Course of Skull base approaches and Skull base endoscopy of the Egyptian Society of Neurological Surgery (ESNS) in collaboration with the Military Medical Academy, Feb 21<sup>st</sup> to 23<sup>rd</sup>, 2016.
- 1<sup>st</sup> annual Stereotactic and Functional Neurosurgery Hands-on Training Course, Mar 29<sup>th</sup> to Apr 2<sup>nd</sup>, 2016. Oregon Health and Science University (OHSU). Hosted by the OHSU Brain Institute, **Invited Faculty presenting a Keynote lecture “Rhizotomy and peripheral neurotomy for treatment of spasticity”.**
- 2<sup>nd</sup> Annual International Congress of Department of Neurosurgery- Ain Shams University, April 4<sup>th</sup> to 7<sup>th</sup>, 2016. **Presenting a Keynote lecture “Combined Anterior and Posterior Lumbar Rhizotomy for Treatment of Mixed Hypertonia in Cerebral Palsy”.**
- 2<sup>nd</sup> Annual International Congress of Department of Neurosurgery- Ain Shams University, April 4<sup>th</sup> to 7<sup>th</sup>, 2016. **Instructor of Post Congress Hands-on workshop “Comprehensive management of pediatric disabilities”.**
- 1<sup>st</sup> Allergan-MENA (Middle East- North Africa) standalone meeting, May 20<sup>th</sup> & 21<sup>st</sup>, 2016. **invited speakers “Debate: Localization and Evaluation of Spasticity: EMG VS. U/S”. Presenting a Keynote lecture “Surgery for treatment of spasticity in JCP”.**
- Annual CNS meeting, Aug 2016, San Diego, CA-USA. **Poster presentation” Comparative study between outcomes of Neuromodulation and Neuroablation for 2ry Dystonia”.**
- 1<sup>st</sup> International Educational Course for Movement Disorders (EMDS-2017), in collaboration with the International Parkinson and Movement Disorders Society (MDS) and Movement Disorders Clinic in Ain Shams University Hospitals, Feb 23<sup>rd</sup> to 25<sup>th</sup>, 2017. **Course Director. Presenting a Keynote Lecture entitled “Management of Hypertonia in Cerebral Palsy”. Instructor of Post Congress Hands-On Workshop “Botox for Dystonia”.**
- 33<sup>rd</sup> annual meeting of the AANS/CNS section on disorders of spine, Spine Summit 2017, Las Vegas, NA, USA, Mar 8<sup>th</sup> to 12<sup>th</sup>, 2017. **Oral Presentation “Short segment with Index screw versus long segment stabilization**



## ▪ *Conferences*

### **of traumatic dorsolumbar stabilization: Angle of correction and Pain"**

▪ Texas Tech University, El Paso, TX-USA, Department of Orthopedic surgery, April 6<sup>th</sup>, 2017. **Invited Guest Speaker, presenting CME lecture "Pediatric Hypertonia: Management Algorithm"**

▪ 2<sup>nd</sup> annual Stereotactic and Functional Neurosurgery Hands-on Training Course, Oregon Health and Science University (OHSU) April 5-8, 2017. Hosted by the OHSU Brain Institute, **Invited Faculty presenting a Keynote lecture "Central and Peripheral procedures for treatment of Hypertonia"**.

▪ 17<sup>th</sup> Quadrennial meeting of the World Society of Stereotactic and Functional Neurosurgery (WSSFN), Berlin- Germany, June 26<sup>th</sup> to 29<sup>th</sup>, 2017. **Oral presentation, clinical trial session" Combined Anterior and Posterior Lumbar Rhizotomy in Treatment of Mixed Spasticity and Dystonia in Children with Cerebral Palsy"**.

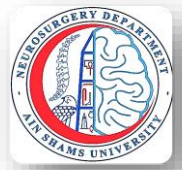
▪ XVI WFNS meeting – Istanbul, Turkey Aug 2017, 1- **Oral presentation" Ultrasound-guided versus traditional surgical resection of supratentorial gliomas in a limited-resources neurosurgical setting: a comparative study"**. 2- **Oral presentation" Short segment with Index screw versus long segment stabilization of traumatic dorsolumbar stabilization: Angle of correction and Pain"**. Presenter: Walid Abdel Ghany instead of Ahmed Sallam. **Won the 6<sup>th</sup> Award for best research by young neurosurgeons.**

▪ 45<sup>th</sup> annual meeting of the International Society of Pediatric Neurosurgery (ISPN), October 2017 – Denver, CL. USA. **Poster presentation" Major Surgical Interventions for Management of Disabilities in Children with Cerebral Palsy GMFC levels IV & V: The Real Challenge"**. **Chair of session" Dysraphism"**. October 10<sup>th</sup>, 2017.

▪ 3<sup>rd</sup> Educational course of the Egyptian Stereotactic and Neurosurgery Functional Chapter (ESFSN), December 21<sup>st</sup>, 2017. **Keynote Lecture presentation" Functional Neurosurgery is a No Doubt surgery: The Peripheral Monitoring"**.

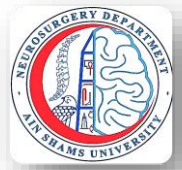
▪ 2<sup>nd</sup> Meeting of The Pediatric Neurosurgery group, Department of Neurosurgery, Ain Shams University. March 18<sup>th</sup>, 2018. **Keynote lecture" Philosophy of Management of Hypertonia in CP: State of Evidence"**





## ▪ *Conferences*

- 4<sup>th</sup> Kuwait Physical Medicine and Rehabilitation Conference. 16-18 March 2018. **Keynote lecture presentation "Philosophy of Management of Cerebral Palsy: The Level of Evidence and Real Practice". Instructor of Workshop: "Multidisciplinary management of pediatric hypertonia".**
- 41<sup>st</sup> Annual meeting of the Egyptian Society of Neurological Surgeons (ESNS) in collaboration with the German Neurosurgery Society. March 18<sup>th</sup>, 2018. Stereotactic and Functional neurosurgery Chapter Hands-on Workshop: **"Spasticity and Pain management in Neurosurgery", Instructor & presenting a Keynote lecture entitled "Rhizotomy and Peripheral Neurotomy".**
- 1<sup>st</sup> Cerebral Palsy Day, Pediatric Orthopedic group, Department of Orthopedic surgery, Ain Shams University. March 29<sup>th</sup>, 2018. **Keynote Lecture presentation " Rhizotomy: The Evidence"**
- 3<sup>rd</sup> annual Stereotactic and Functional Neurosurgery Hands-on Training Course, Oregon Health and Science University (OHSU) April 6-8, 2018. Hosted by the OHSU Brain Institute, **Invited Faculty presenting a Keynote lecture "Central and Peripheral procedures for treatment of Hypertonia"**
- 23<sup>rd</sup> Mediterranean Child Neurology Congress in collaboration with the Egyptian society of the child neuropsychiatry (ESCNP), Pan Arab child neurology Association (PACNA), International child neurology association (ICNA), African Child Neurology Association (ACNA) April 2018. **Keynote lecture presentation " Motor Development in Cerebral Palsy: Impact of Neurosurgery". Chairperson of session entitled " Cerebral palsy".**
- 1<sup>st</sup> Annual Ain Shams Stereotactic and functional Neurosurgery Course (1<sup>st</sup> ASFN): Movement Disorders & Pain. September 7<sup>th</sup> & 8<sup>th</sup>, 2018. **Course Director and instructor of Cadaveric workshop. Keynote lecture: Spinal Cord Stimulation. Workshop instructor: Drug Delivery systems (cadaveric illustration)**
- 23<sup>rd</sup> meeting of the European Society for Stereotactic and Functional Neurosurgery (ESSFN)- Edinburgh, Sep 26<sup>th</sup> to 29<sup>th</sup>, 2019. **Oral Presentation" The Impact of Combined Anterior and Posterior Lumbar Rhizotomy for children with CP on spinal interneurons activity: The Indirect neuromodulation".**
- 2<sup>nd</sup> MSSFN conference – Cairo, February 6<sup>th</sup> to 8<sup>th</sup>, 2019. **Conference secretary. Ambassador program -MDS Course, Keynote lecture**



## ▪ *Conferences*

**presentation: "Indirect neuromodulation in pediatric Movement disorders: CP". Workshop instructor: workshop 3: Botulinum Toxin in Movement Disorders, Workshop 5: Drug Delivery System.**

▪ 4<sup>th</sup> annual Stereotactic and Functional Neurosurgery Hands-on Training Course, Oregon Health and Science University (OHSU) April 3-5, 2019. Hosted by the OHSU Brain Institute, **Invited Faculty presenting a Keynote lecture: "Central and Peripheral procedures for treatment of Hypertonia: the indirect neuromodulation"**.

▪ University of Louisville – Kentucky -USA. Department of Neurosurgery and Physical rehabilitation. April 12<sup>th</sup> & 13<sup>th</sup>, 2019. **Visiting professor, presenting a Keynote lecture in Grand Round for Department of Neurosurgery and one day Teaching for Neuro-Rehabilitation residents. Guest of Prof. Joseph Neimat, Chairman of Neurosurgery and Rehabilitation Departement.**

▪ 18<sup>th</sup> meeting of the World Society of Stereotactic and Functional Neurosurgery (WSSFN), New York- USA, Jun 24<sup>th</sup> to 27<sup>th</sup>, 2019. **Poster Presentation entitled: "Selective dorsal rhizotomy for spasticity due to upper motor neuron lesions: A systematic review"**.

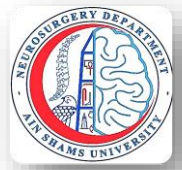
▪ 5<sup>th</sup> annual Stereotactic and Functional Neurosurgery Hands-on Training Course, Oregon Health and Science University (OHSU) April 1<sup>st</sup> to 3<sup>rd</sup>, 2021. Hosted by the OHSU Brain Institute- online, **Invited Faculty presenting a Keynote lecture: "Central and Peripheral procedures for treatment of Hypertonia: the indirect neuromodulation"**.

▪ Epilepsy Day, Egyptian Society for Child Neuropsychiatry, Jan 27<sup>th</sup>, 2022. **Invited Faculty presenting a Keynote lecture "Role of Epilepsy Surgery for DRE"**.

▪ Annual Meeting of the Saudi Association for Neurological Surgeons (SANS), Riyadh, Mar 25<sup>th</sup> to 27<sup>th</sup>, 2022. **Invited Guest Faculty and Speaker presenting a Keynote Lecture" Indirect Neuromodulation of hypertonia in Pediatric Age group"**.

▪ 6<sup>th</sup> annual Stereotactic and Functional Neurosurgery Hands-on Training Course, Oregon Health and Science University (OHSU) April 6<sup>th</sup> to 8<sup>th</sup>, 2022. Hosted by the OHSU Brain Institute, **Invited Faculty presenting a**

# Walid Ahmed Abdel Ghany, M.D., Ph.D.



## ▪ *Conferences*

**Keynote lecture: "Central and Peripheral procedures for treatment of Hypertonia: the indirect neuromodulation".**

▪ The international Conference of Pediatric Neurology (ICPN) of The Egyptian Specialized Society for Pediatric Neurology and Neurodisability (ESSPNN), Mar 3<sup>rd</sup> & 4<sup>th</sup>, 2022. **Invited Faculty presenting a Keynote lecture" ITB for Pediatric Hypertonia".**

▪ 1<sup>st</sup> Deep Brain Stimulation and Spinal Cord Stimulation Cadaver and Programming Course. Turkey – Istanbul, May 26<sup>th</sup> & 27<sup>th</sup>, 2022. Course Director: Prof. Atilla Yilmaz. **Invited Speaker presenting a Keynote lecture" Surgical Management of Hypertonia".**

▪ 1<sup>st</sup> Africa Excon Health conference – Organized by Ministry of Exterior Affairs & Ministry of Health- Under patronage of his Excellence Mr. Abdel Fattah El-Sisi President of Arab Republic of Egypt, Jun 6<sup>th</sup>, 2022. **Invited Speaker presenting a Keynote lecture" Stereotactic & Functional Neurosurgery in Africa: The Status".**

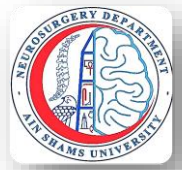
▪ Kasr-Elainy Epilepsy Day: Neurosurgery Department Cairo University in collaboration with LivaNova PLC: "Challenges of Drug-Resistant Epilepsy, The Importance of a Comprehensive Approach", July 22<sup>nd</sup>, 2022. **Invited Faculty presenting Two Keynote lectures, 1- " Beyond drug failure: Surgical intervention, Epilepsy Surgery Algorithm", 2- "VNS Therapy: A surgeon's perspective"**

▪ 19<sup>th</sup> meeting of the World Society of Stereotactic and Functional Neurosurgery (WSSFN), Incheon- Republic of South Korea. Sep 3<sup>rd</sup> to 7<sup>th</sup>, 2022. **Invited Faculty as President of MSSFN.**

▪ 34<sup>th</sup> Annual Congress of the Egyptian Psychiatry Association (EPA) in collaboration with World Psychiatry Association (WPA) & Arab Federation for Psychiatrists. **Invited Guest Speaker presenting Keynote lecture" Intractable Psychiatric Illness: The Role of Psychiatric Surgery".**

▪ 5<sup>th</sup> Conference of Alexandria Physical Therapy Syndicate, November 5<sup>th</sup>, 2022. **Invited Speaker presenting Keynote lecture" BTX or SPN or SDR or CAPR or FUSR or ITB or DBA or DBS?".**

▪ 3<sup>rd</sup> Congress of the Mediterranean Association of Neurological Surgeons (MANS), Cairo - Egypt, December 13<sup>th</sup> to 15<sup>th</sup>, 2022. **Invited Speaker presenting Keynote lecture" The Emergent needs for Epilepsy**

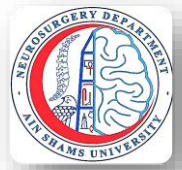


## **Centers of Excellence if Africa". Director of Workshop for Functional Neurosurgery Essentials: Basics of Stereotaxy, Neuronavigation & Intraoperative Electrophysiological Monitoring"**

### ▪ **Courses**

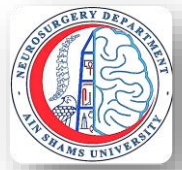
- Advanced course on management of focal spasticity, Ospedal Valduce – Villa Beretta, Costamasnaga Milan- Italy (Ref: Dr. Franco Molteni). 2005
- Percutaneous image guided procedures for pain management. (Ref. Prof. Yücel Kanpolat), Department of neurosurgery -Ankara university, Turkey. 2005
- Future experts' course "Decision making in management in childhood spasticity". Madrid -Spain & Mougins-France, May 2006.
- Neuro-Endoscopy training course – hands on workshop, November 2007, International federation of neuroendoscopy (IFNI), Nagoya-Japan.
- Midas Rex Institute Workshop: University of Florida, Gainesville, FL, May 2009.
- Microsurgical Anatomy and approaches to skull base, hands on cadaveric dissection supervised by Prof. Albert Rhoton. University of Florida, Gainesville, FL, USA, May 2009
- Peripheral nerve surgery: A comprehensive hands-on course (Ref. Prof. David Klein), Boston, MA, USA August 2009.
- Cadaveric Hands-on dissection of upper and lower limbs and ultrasound guided Botulinum toxin injection course, Liverpool institute of Medicine, April 2012.
- Advanced clinical gait analysis for children with CP, Gillette Children's Hospital, Minneapolis, MN, 2012, 2014.
- 2nd Skull Base approaches cadaveric hands-on course and workshop: The Skull base group- Egyptian Society of Neurological surgery in collaboration with the Military Medical Academy. March 2016.
- Hands-on Course & Workshop: Spinal deformity: 33rd annual meeting of the AANS/CNS section on disorders of spine, Spine Summit 2017, Las Vegas, NA, USA, Mar 8-12, 2017.

# Walid Ahmed Abdel Ghany, M.D., Ph.D.



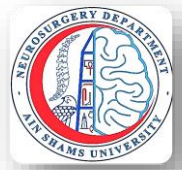
## ▪ ***Published articles.***

- CT-guided Percutaneous Cordotomy in a Patient with Disseminated Neurofibromatosis. Turkish Neurosurgery 2006, Vol: 16, No: 4, 202-203. <http://www.turkishneurosurgery.org.tr/text.php3?id=105>.
- Perinatal Ventriculomegaly. Journal of Pediatric Neurology, vol. 6, no. 4, pp. 293-307, 2008.
- Comparison between repetitive peripheral magnetic stimulation (RPMS) and Botulinum toxin – A injection in management of spasticity. Egyptian Rheumatology and Rehabilitation journal. April 2009, vol 36 No 2: 325- 338.
- Strategy of invasive management of pediatric hypertonia in special economic settings: An Egyptian Experience. WFNS Boston, USA. 2009. Oral Presentation. <http://www.aans.org/Media/Article.aspx?ArticleId=59457>.
- Intraoperative electrophysiological monitoring during selective dorsal rhizotomy in children with spastic cerebral palsy. Egypt J. Neurol. Psychiat. Neurosurg. July 2010 Vol. 47 3: 505 – 510.
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- The effectiveness of the lateral extra-cavitary approach in management of different pathologies of the dorsal and lumbar spine: A case series and review of the literature. January 2014. Egyptian Journal of Neurology, Psychiatry and Neurosurgery 1(Vol 51. issue 1).
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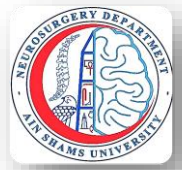
- Combined Anterior and Posterior Lumbar Rhizotomy for Treatment of Mixed Spasticity and Dystonia in children with Cerebral palsy. Neurosurgery. 2016 May 27. <http://www.ncbi.nlm.nih.gov/pubmed/27244465> 8.
- Comparative study between the functional outcomes of neuromodulation and neuroablation techniques for treatment of secondary dystonia. E-Poster presentation. CNS 2016, San Diego, CA| Sep 24-28, ABSTRACT NO: 1436.
- Trigeminal pain: Potential role of MRI. Egyptian Journal of Radiology and Nuclear Medicine. Volume 47, Issue 4, December 2016, Pages 1549–1555 <http://dx.doi.org/10.1016/j.ejrn.2016.07.010>.
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- Central and peripheral ablative procedures for hypertonia. Walid Abdel Ghany, Mohamed Nada; Chapter 28. Functional Neurosurgery and Neuromodulation, ELSEVIER publisher, April, 2018.



## ▪ **Published articles**

- Outcome results of anterior cervical discectomy and fusion using stand- alone anchored spacer for fusion. The Egyptian Spine Journal, DOI: 10.21608/ESJ.2018.11238. Volume 26, Issue 1, Page 6-14. April 2018.
- Combined unilateral posteroventral pallidotomy and VIM thalamotomy in tremor-dominant Parkinson's disease versus posteroventral pallidotomy alone, a prospective comparative study. Stereotactic and Functional Neurosurgery July 2018, DOI: 10.1159/000492229.
- Ultrasound guided versus traditional surgical resection of supratentorial gliomas in a limited-resources neurosurgical setting. Egyptian Journal of Neurosurgery. 2018. <https://doi.org/10.1186/s41984-018-0024-5>
- Evaluation of surgery for degenerative lumbar spine disease in patients with Parkinson's disease: Case Series. Accepted for publication, Egyptian Spine Journal, November 2018.
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- Focal Spasticity of Upper and Lower Limbs. Walid Abdel Ghany and Mohamed Nada. Chapter 13, Ahmed Raslan and Ashwin Viswanthan (eds), Functional Neurosurgery. October 2019. DOI:10.1093/med/9780190887629.001.0001
- Management of Severe Traumatic Brain Injury: A Single Institution Experience in a Middle-Income Country. Frontiers in Surgery, September 2021. DOI: 10.3389/fsurg.2021.690723
- Craniometrics and Perioperative Variants in Non-Syndromic Single Suture Craniosynostosis with Cranial Vault Remodeling Surgery and Strip Craniotomy with and without Endoscopic Assistance: Systematic Review. QJM: monthly journal of the Association of Physicians 114(Supplement\_1), October 2021. DOI: 10.1093/qjmed/hcab108
- Evaluation of Vertebral derotation in the correction of Adolescent Idiopathic Scoliosis. QJM: monthly journal of the Association of Physicians 114(Supplement\_1), October 2021. DOI: 10.1093/qjmed/hcab108.012.

# Walid Ahmed Abdel Ghany, M.D., Ph.D.



## ▪ *Academic responsibilities*

- Teaching General Neurosurgery in clinical rounds for undergraduate and postgraduate students.
- Teaching Functional Neurosurgery courses in residency program.
- Active participation and supervising research projects in Ain Shams University and other Universities.
- Director of Movement Disorders Clinic in Ain Shams University Hospitals from 2003 and still.
- Director of Ain Shams Neurosurgery Webinar Series.
- Co-Director of the Residency Program. Department of Neurosurgery, Ain Shams university 2018.
- Director of training program of master's degree in Neurosurgery, Ain Shams University, 2022.
- Member of Board of Reviewers for the Supreme Council of The Egyptian Universities – Neurosurgery Promotion Committee for Professors and Associate Professors.

## ▪ *Reviewer*

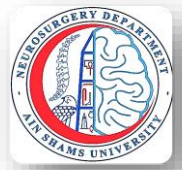
- **OPERATIVE NEUROSURGERY:** publisher: Oxford University Press
- **WORLD NEUROSURGERY:** publisher: ELSEVIER (ELSEVIER publisher recognition award January 2019)
- **Scientific Reports (By Nature).** Publisher: (Springer-Nature)
- **BMC (Surgery)**
- **Egyptian Journal of Neurosurgery**
- **Invited International Reviewer for The Saudi Neurosurgery Promotion Committee.**

## ▪ *Visiting Professorship*

- **Oregon Health and Science University** (OHSU), Portland, OR-USA. Department of neurosurgery 2016 - 2019
- **Texas Tech University,** El Paso, TX-USA. Department of Orthopedics 2016
- **University of Louisville,** Louisville, Kentucky- USA. Department of Neurosurgery and Rehabilitation 2019



# Walid Ahmed Abdel Ghany, M.D., Ph.D.



## ▪ **Special Interest**

- Functional neurosurgery especially neurosurgical management of hypertonia and pain.
- Movement disorders and DBS
- Epilepsy surgery, Vagal nerve stimulation
- Special interest in invasive spasticity management, established spasticity management service in Ain Shams University Hospitals and Ministry of Health (MOH) hospitals, namely, Selective peripheral neurotomy (SPN), Percutaneous dorsal root thermal (RF) gangliotomy, DREZ Lesioning, Selective dorsal rhizotomy (SDR), Combined Anterior and Posterior Lumbar Rhizotomy (CAPR), Intrathecal Baclofen Infusion via programmable pump, Botulinum toxin intramuscular chemodenervation.
- Pediatric neurodevelopmental disorders
- Spine and complex spine surgery
- Pediatric neurosurgery, tumors and epilepsy

## ▪ **Reference:**

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