

Edoardo Porto

Medico Chirurgo

Specialista in Neurochirurgia

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Posizione attuale

01/01/2024-Presente - Collaboratore professionale in qualità di neurochirurgo presso la SC Neurochirurgia 1 (Oncologica) dell'IRCCS Fondazione Istituto Neurologico Carlo Besta di Milano.

Formazione

Specializzazione in Neurochirurgia

2018-2023 – Università degli studi di Milano, IRCCS Fondazione Istituto Neurologico Carlo Besta, Milano, Italia

- Classificato 6^a al concorso nazionale per tutte le scuole di specializzazione 2018. Primo classificato per le scuole di Neurochirurgia.
- III, IV e V anno frequentati presso l'unità di neurochirurgia oncologica diretta dal Prof. Francesco DiMeco.
- 70/70 e lode – Tesi: Spheno-orbital meningiomas: predictors of recurrence and novel strategies for hyperostosis resection.
- Tutor: Prof. Francesco DiMeco

Post-doc research fellowship in chirurgia del basicranio

Nov 2021-Nov 2022 – Department of Neurosurgery, School of Medicine, Emory University, Atlanta, GA, USA

Tutor: Prof. Gustavo Pradilla

Abilitazione a Medico Chirurgo

Febbraio 2018 – Università degli studi di Catania, Italia

Laurea in Medicina e Chirurgia

2011-2017 – Università degli studi di Catania, Italia

110/110 e lode – Tesi: microRNA circolanti salivari: nuovi marcatori molecolari per il trauma cranico lieve.

Internships

Clinical Observer in Neurosurgery

Settembre 2017 – Juntendo University, Tokyo

Research Trainee in Neurotrauma

Feb-Apr 2017 – University of Birmingham, UK

Clinical Observer in ENT

Agosto 2016 – Kuwait University

Clinical Trainee in Neurotrauma

Apr-Giu 2016 – Queen Elisabeth Hospital Trauma Center, Birmingham, UK

Esperienze lavorative passate

Sistema sanitario nazionale

Medico sostituto di continuità assistenziale

August 2018 - Siracusa, Italia

Sistema sanitario nazionale

Medico sostituto di Medicina generale

Maggio 2018 - Catania, Italia

Casistica operatoria e tecniche chirurgiche

Strumentario e tecnologie chirurgiche adoperate:

- microscopia (Zeiss, Leica)
- endoscopia (Storz, Stryker, Olympus, Aesculap)
- strumentario robotico per endoscopia ed esoscopia (Mitaka, Storz, Olympus)
- neuro-navigazione ottica e magnetica (Medtronic Treon, S7, S8 – BrainLab)
- ultrasonografia intra-operatoria (Esaote, BK)
- neuro-navigazione basata sull'ecografia intra-operatoria
- stereotassia *frameless*, anche robotica (Medtronic Navigus, Auto-guide robot)
- stereotassia frame-based (Leksell, CRW, Maranello, Vantage)
- fluorescenza intra-operatoria (5-ALA, Fluoresceine, Indocyanine Green)

Casistica operatoria dal novembre 2018 al novembre 2024:

	Intervento	I Chirurgo	II Chirurgo	III Chirurgo	IV Chirurgo
TOTALE	1286	309	643	291	43
Neuro-oncologia e chirurgia del basicranio	Endoscopic endonasal approach for pituitary tumor resection	11	10	37	3
	Pineal region tumor resection		1		

	Vestibular schwannoma resection		12	2	1
	Cranio-pharyngioma and Rathke's cleft cyst resection			5	1
	Scalp tumor resection	5	4	1	
	Supratentorial extra-axial tumor resection	13	70	20	8
	Supratentorial intra-axial tumor resection (magnetic navigation assistance - optic navigation assistance - US assistance - US assisted navigation)	4	99	42	4
	Calvarial lesion resection	3	1	1	
	Intra-axial and extra-axial posterior fossa tumor resection (semi-sitting position)	1	50	10	
	Intra-axial and extra-axial spinal tumor resection	1	21	6	1
	Brain open biopsies	4	9	1	
	Craniotomic cyst fenestration				1
	Orbital lesion resection		1	2	
Biopsie	Skin Biopsy	2			
	Muscle Biopsy	34	1		
Epilessia	Anterior Temporal Lobectomy		2	8	1
	Cortical Resection		2	2	2
Complicanze	Decompressive Craniectomy		5	4	
	Cranioplasty	2		1	2
	Wound revision	1	8		1
	Intracranial abscess/Empyema resection	3	2		1
	Intracranial post-operative hematoma evacuation		1	3	1
	Subcutaneous empyema removal			1	
	Cranial CSF fistula repair	1	1	2	1
	Spinal CSF fistula repair		5	1	
	Trans-sphenoidal CSF fistula repair			2	
Dolore	Trigeminal thermorhizotomy		4		
Malformazioni cranio-vertebrali	Craniocervical decompression for CM1		3		
	Detethering for lipomielomeningocele		2	1	
Neuro-modulazione	Occipital electrode implantation			1	
	DBS implantation	4	15	10	3
	Peripheral nerve and field stimulation implantation	3	1	3	
	Intrathecal drug delivery pump implantation	21	13	5	
	Spinal cord stimulation implantation	4	6	5	1
	Neuromodulation system revision		6		
	Deep brain electrode removal	2	3	3	1
	Peripheral nerve and field stimulation removal	1	2		

	Cortical electrode removal				1
	Occipital electrode removal	2			
	Intrathecal drug delivery pump removal	7	4	1	
	Spinal cord stimulation removal	3	2	2	1
	Impulse generator substitution	43	26	1	
Chirurgia spinale	C0-C1-C2 fixation		1		
	PLIF and TLIF		3	1	
	Anterior Cervical Discectomy/Corpectomy and Fusion	2	12	3	
	Cervical foraminotomy		1		
	Lumbar foraminotomy	1	7	2	
	Cervical laminectomy		6	1	
	Lumbar laminectomy	13	40	30	2
	Lumbar microdiscectomy	14	60	22	1
	Cervical disc arthroplasty		1		
Patologia della dinamica liquorale	External ventricular drain placement	17	9	2	
	Subdural-peritoneal shunt placement	1			
	Ventriculo-peritoneal shunt placement	35	21	16	3
	Spino-peritoneal shunt placement		1		
	Ventriculo-peritoneal shunt revision	4	2	4	
	Ventriculo-peritoneal shunt removal	1	1	1	
	Ventriculo-peritoneal shunt substitution	2	2		
Sistema nervoso periferico	Morton neuroma removal		2		
	Peripheral nerve tumor removal	1	12	5	1
	Nerve biopsy	2			
	Peripheral nerve decompression and neurolysis		16	4	
	Median nerve decompression	1	14		
	Tarsorrhaphy		2		
Neuro-endoscopia	Cyst fenestration	1		1	
	Third-ventriculostomy (ETV)		3	2	
	ETV + endoscopic biopsy		2	1	
Stereotassia	Frameless biopsy (Robot-assisted Autoguide - Navigus)	34	18	4	
	Framed Biopsy (Leksell - Maranello - Vantage - CRW)		3		
	Stereotactic catheter placement			3	
Trauma	Skin suture		1		
Chirurgia Vascolare	Cavernous malformation resection		1	1	1
	Posterior fossa cavernous malformation resection		1		
	Artero-venous malformation exclusion		1		
	Chronic subdural hematoma evacuation	4		1	
	Aneurism clipping		2	2	

	Cranial Dural arteriovenous fistula exclusion		2		
	Spinal Dural arteriovenous fistula exclusion	2	2		
	Microvascular decompression (V, VII and XI cranial nerves)			2	

Corsi (faculty e/o tutor)

Emory Cranial Base Surgery Course “A 360 Degree Perspective” Hands-On Workshop

Ottobre 2024 – Emory University (Director: Dr. G. Pradilla and Dr. A.C. Solares) – Atlanta, USA
Internal carotid artery injury model instructor and Faculty

NASBS Pre-Meeting Skull Base Dissection Course

Febbraio 2024 – Emory University (Director: Dr. Brian Thorp and Dr. Gustavo Pradilla) – Atlanta, USA
Internal carotid artery injury model instructor

Emory Cranial Base Surgery Course “A 360 Degree Perspective” Hands-On Workshop

Nov-Dic 2023 – Emory University (Director: Dr. G. Pradilla and Dr. A.C. Solares) – Atlanta, USA
Internal carotid artery injury model instructor

Emory Cranial Base Surgery Course “A 360 Degree Perspective” Hands-On Workshop

Novembre 2022 – Emory University (Director: Dr. G. Pradilla and Dr. A.C. Solares) – Atlanta, USA
Internal carotid artery injury model instructor.

Emory Rhinology Course (Neurosurgery Instructor)

Marzo 2022 – Emory University (Director: Dr. E. Barrow) – Atlanta, USA

AIMS – SSM preparation course (Neurology and Neurosurgery Instructor)

Gen 2019 - Dic 2020 – Accademia Italiana Medici Specializzandi (AIMS) – Bari, Italy

Corsi (Partecipante)

EANS Training course in Spine

Settembre 2024 – EANS – Prague, Czech Republic – **Esame scritto EANS finale: superato.**

EANS Training course in Head injury/Functional & Peripheral nerves Neurosurgery

Agosto 2023 – EANS – Porto, Portugal

EANS Training course in Tumour Neurosurgery

Maggio 2023 – EANS – Thessaloniki, Greece

EANS Training course in Vascular Neurosurgery

Giugno 2021 – EANS – Valencia, Spain

Live Course on Intraoperative Fluorescence Use during Neuro-Oncological and Neuro-Vascular Surgery

Ottobre 2019 – Istituto Neurologico Carlo Besta, Milan

European Society for Stereotactic and Functional Neurosurgery (ESSFN) Course Lisbon – Pain & Spasticity

Ago-Set 2019 – ESSFN, Lisbon, Portugal

Hands-on Workshop on Cerebral and Ventricular Neuroendoscopy

Gennaio 2018 - International Federation of Neuroendoscopy – Naples, Italy

17th Annual Course: Neuroradiology and Functional Neuroanatomy

Marzo 2017 – University College London – London, UK

Systematic Training in Acute Illness Recognition and Treatment for Surgery

Marzo 2017 – Royal College of Surgeons of England, London – London, UK

Good Clinical Practice

Aprile 2016 – Queen Elizabeth Hospital – Birmingham, UK

Surgical Skills for Students

Maggio 2016 – Royal College of Surgeons of England, - London, UK

Iscrizione a società scientifiche

- European Society for Stereotactic and Functional Neurosurgery (ESSFN)
- The European Association of Neurosurgical Societies (EANS)

Conferenze nazionali e internazionali

Premi

1. Best Video Abstract

Fasciocutaneous Radial Forearm Flap with Transpterygoid / Parapharyngeal Tunneling for Reconstruction of Anterior Skull Base Defects: How I do it.

Porto E., Vuncannon J., Revuelta Barbero JM., Garzon Muvdi T., Barrow E., Pradilla G., Solares CA.

32nd Annual North American Skull Base Society Meeting. February 2023. Tampa, FL, USA.

Presentazioni orali

1. **Porto E**, Carone G, Fiore G, Del Bene M, Prada F, Galbiati TF, Legnani F, Casali C, Saladino A, DiMeco F.
Spheno-orbital meningiomas: predictors of recurrence and novel strategies for surgical management.
EANS 2024 Annual European Congress of Neurosurgery. October 2024. Sofia, Bulgaria.
2. Rodas A, Daouds G, Schertzer J, Vuncannon J, Zohdy YM, Revuelta JM, **Porto E**, Garzon-Muvdi T, DelGaudio J, Wise SK, Pradilla G, Barrow E, Solares CA.
Olfaction preservation and long-term outcomes of unilateral olfactory neuroblastoma resection: Our Experience and Literature Review.

33rd Annual North American Skull Base Society Meeting. February 2024.
Atlanta, GA, USA.

3. Rodas A, Zohdy YM, Vuncannon J, Soriano R, Revuelta JM, **Porto E**, Agudelo Arrieta M, Patel B, Garzon-Muvdi T, Wise SK, DelGaudio J, Barrow E, Pradilla G, Solares CA.
Olfactory neuroblastoma patterns of recurrence and treatment: a single institution's experience.
33rd Annual North American Skull Base Society Meeting. February 2024.
Atlanta, GA, USA.
4. **Porto E.**, Fiore G., Carone G., Del Bene M., Prada F., Casali C., Legnani F., Saladino A., Di Meco F.
Spheno-orbital meningiomas: does the residual hyperostosis have an impact on the risk of recurrence?
33rd Annual North American Skull Base Society Meeting. February 2024.
Atlanta, GA, USA.
5. Rodas A, Revuelta Barbero JM, **Porto E**, Vuncannon J, Maldonado J, Zohdy Y, Solares CA, Henriquez O, Pradilla G.
Comparative Analysis of the Endoscopic Endonasal Transseptal Approach and Endoscopic Endonasal Transmaxillary Approach to the Contralateral Medial Orbital Wall.
2023 Annual CNS Annual Meeting. September 2023. Washington DC, USA.
6. Rodas A, Revuelta Barbero JM, **Porto E**, Maldonado J, Zohdy Y, Garzon-Muvdi T, Solares CA, Pradilla G.
Comparative Analysis of the Endoscopic Endonasal Approach and Precaruncular Transorbital Approach to the Contralateral Parasellar Region.
2023 Annual CNS Annual Meeting. September 2023. Washington DC, USA.
7. Sun H, **Porto E**, Revuelta Barbero JM, Newman E, Rodas A, Maldonado J, Zohdy Y, Patel B, Barrow E, Garzon-Muvdi T, Pradilla G.
Clinical Applicability of Convoluting Neuronal Network in the Surgical Planning of Non-functioning Pituitary Adenoma.
2023 Annual CNS Annual Meeting. September 2023. Washington DC, USA.
8. Vuncannon J, Rodas A, **Porto E**, Maldonado J, Meredith L, Kaka A, Pradilla G, Solares CA.
Submental Artery Island Flap: a Regional Pedicled Flap for Central Skull Base Defects.
2023 Annual CNS Annual Meeting. September 2023. Washington DC, USA.
9. Casco Carrera AR, Revuelta Barbero JM, Rodas A, Costa CB, Zohdy Y, Porto E, Maldonado J, Solares CA, Garzon-Muvdi T, Pradilla G.
Retrosigmoid Intradural Suprameatal Approach (RISA) with Endoscopic Assistance to Meckel's Cave: Microsurgical Anatomy, Relevant Angles of Attack, and Surgical Exposure.

2023 Annual CNS Annual Meeting. September 2023. Washington DC, USA.

10. Zohdy Y, Jacob F, Agam M, Alawieh A, Bray D, Revuelta Barbero JM, Argaw S, Maldonado J, Rodas A, **Porto E**, Pradilla G, Olson J, Garzon-Muvdi T. Superior Orbital Fissure Narrowing and Tumor Associated Pain in Sphenoorbital Meningiomas.
2023 Annual CNS Annual Meeting. September 2023. Washington DC, USA.
11. Maldonado J, **Porto E**, Revuelta Barbero JM, Tello I, Rodas A, Vivas EX, Mattox DE, Solares CA, Garzon-Muvdi T, Pradilla G.
Thermal analysis of an ultrasonic aspirator micro-claw tool compared to standard high-speed drilling during internal auditory canal opening in a cadaveric model.
First Annual Student Research Symposium, Miller School of Medicine, University of Miami. April 2023. Miami, FL.
12. Maldonado J, **Porto E**, Rodas, A, Agudelo-Arrieta M, Revuelta-Barberbo JM, Zohdy Y, Lohana S, Barrow E, Garzon-Muvdi T, & Pradilla G.
Clinical Management of Salivary Gland Adenoid Cystic Carcinoma with Perineural Involvement of the Trigeminal Nerve: A Systematic Review.
First Annual Student Research Symposium, Miller School of Medicine, University of Miami. April 2023. Miami, FL.
13. Training in Endoscopic Endonasal Neurosurgical Procedures: a Systematic Review of the Available Settings.
Sun, H., **Porto, E.**, Revuelta-Barbero, JM., Bray, DP., Garzon-Muvdi, T., Solares, CA., Pradilla, G.
2022 Georgia Neurosurgical Society Fall Meeting. Greensboro, GA, USA.
14. Transfacial Port: an Endoscopic Corridor to the Contralateral Petrous Apex and Paraclival Region.
Vuncannon, JR., **Porto, E.**, Revuelta Barbero, JM., Pradilla, G., Solares CA.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
15. The vectorial technique: a new tool to measure angles of exposure in skull base anatomical dissection.
Porto, E., Revuelta-Barbero, JM., Vuncannon, J., Garzon Muvdi, T., Solares, CA., Pradilla, G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
16. A Cost-Effective and Reproducible Cadaveric Training Model for Internal Carotid Artery Injury Management During Endoscopic Endonasal Surgery: the Submersible Peristaltic Pump.
Porto, E., Revuelta Barbero, JM., Sun, H., DelGaudio, JM., Henriquez, OA., Zada, G., Barrow, E., Solares, CA., Garzon Muvdi, T., Pradilla G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.

17. The Mid-Clival-Presigmoid Angle: A New Variable for Vestibular Schwannoma Surgery.
Revuelta Barbero, JM., **Porto, E.**, Vivas, EX., Mattox, DE., Garzon Muvdi, T., Solares, CA., Pradilla, G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
18. Fasciocutaneous Radial Forearm Flap with Transpterygoid / Parapharyngeal Tunneling for Reconstruction of Anterior Skull Base Defects: How I do it.
Porto, E., Vuncannon, J., Revuelta Barbero, JM., Garzon Muvdi, T., Barrow, E., Pradilla, G., Solares, CA.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
19. Endoscopic Multiportal Subtemporal Approach for Middle Cranial Fossa Spontaneous Defects: a Clinical Case.
Porto, E., Revuelta Barbero, JM., Soriano, R., Vivas, EX., Mattox, DE., Garzon Muvdi, T., Solares, CA., Pradilla, G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
20. Quantitative comparative analysis of the endoscope-assisted expanded retrosigmoid approach and the far- lateral approach to the inframeatal area: an anatomical study with surgical implications.
Revuelta Barbero, JM., **Porto, E.**, Prevedello, DM., Noiphithak, R., Yanez-Siller, JC., Martinez Perez, R., Pradilla, G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
21. Contralateral Transmaxillary Approach to Petrous Apex Granuloma with Lateral Maxillotomy: a 2- dimensional operative video.
Porto, E., Vuncannon, J., Revuelta Barbero, JM., Spielman, DB., Barrow, E., Garzon Muvdi, T., Mattox, DE., Pradilla, G., Solares, CA.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
22. Microsurgical Gross-Total Resection of An Intracanalicular- Cisternal (Koos-II) Vestibular Schwannoma via a Retrosigmoid Approach.
Revuelta Barbero, JM., **Porto, E.**, Garzon Muvdi, T., Vivas, EX., Mattox, DE., Solares, CA., Pradilla, G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
23. In vivo fluorescein-mediated sonodynamic treatment in an intracranial malignant glioma mouse model: a pilot study.
Corradino, N., **Porto, E.**, Gionso, M., Ciocca, R., Pellegatta, S., DiMeco, F., Prada, F.

8th International Symposium on Focused Ultrasound. October, 2022. Bethesda, MD, USA

24. A 3-D Ultra-high-frequency Ultrasound Atlas of the Isolated Guinea Pig Brain Preparation: a New Tool for Focused Ultrasound Preclinical Research.
Porto, E., Librizzi, L., Uva, L., Corradino, N., Ciocca, R., DiMeco, F., DeCurtis, M., Prada, F.
8th International Symposium on Focused Ultrasound. October, 2022. Bethesda, MD, USA
25. Effects of fluorescein-mediated sonodynamic treatment on the glioma microenvironment and immune landscape.
Corradino, N., Gionso, M., **Porto, E.**, Raspagliesi, L., Pellegatta, S., Prada, F.
21st Annual International Symposium on Therapeutic Ultrasound. June, 2022. Toronto, CA.
26. Operative nuances of a new exoscope-assisted approach for middle cranial fossa defects.
Porto, E., Revuelta Barbero, J.M., Medina, E.J., Soriano, R.M., Hobson, C.E., Vivas, E.X., Solares, C.A., Pradilla, G.
8th World Federation of Skull Base Societies Meeting. March 2022 - Rio de Janeiro, Brazil.
27. Multiportal subtemporal endoscopic approach for reconstruction of middle cranial fossa defects.
Porto, E., Revuelta Barbero, J.M., Medina, E.J., Soriano, R.M., Hobson, C.E., Vivas, E.X., Solares, C.A., Pradilla, G.
8th World Federation of Skull Base Societies Meeting. March 2022 - Rio de Janeiro, Brazil.
28. Endoscopic endonasal trans-septal trans-maxillary approach to the contralateral infero-medial orbital region.
Revuelta Barbero, J.M., **Porto, E.**, Medina, E.J., Barrow, E., Solares, C.A., Henriquez, O.A., Pradilla, G.
8th World Federation of Skull Base Societies Meeting. March 2022 - Rio de Janeiro, Brazil.
29. Operative nuances and advantages of the precaruncular transorbital-transellar approach to the contralateral parasellar region: An anatomical analysis of a simplified approach.
Revuelta Barbero, J.M., **Porto, E.**, Medina, E.J., Soriano, R.M., Garzon-Muvdi, T., Henriquez, O.A., Solares, C.A., Pradilla, G.
8th World Federation of Skull Base Societies Meeting. March 2022 - Rio de Janeiro, Brazil.
30. Far Lateral Approach to Foramen Magnum Meningioma.
Medina E., Revuelta Barbero J.M., **Porto, E.**, Garzon-Muvdi, T., Pradilla, G.
8th World Federation of Skull Base Societies Meeting. March 2022 - Rio de Janeiro, Brazil.

31. Endoscopic endonasal far medial, transoral and transcranial far lateral approaches to foramen magnum: anatomical and technical operative nuances.
Porto, E., Revuelta Barbero, J.M., Medina, E.J., Soriano, R.M., Hobson, C.E., Vivas, E.X., Solares, C.A., Pradilla, G.
14th Congress of the European Skull Base Society. April 22, 2022 - Riva de la Garda, Italy.
32. Koos grade II vestibular schwannomas: a thorny surgical issue.
Porto, E., Revuelta Barbero, J.M., Medina, E.J., Legnani, F., Solares, C.A., Vivas, E.X., Pradilla, G.
14th Congress of the European Skull Base Society. April 22, 2022 - Riva de la Garda, Italy.
33. Transorbital pericranial flap for reconstruction of anterior cranial base defects following endoscopic endonasal approaches: A minimally invasive alternative.
Revuelta Barbero, J.M., Soriano, R.M., **Porto, E.**, Rindler, R.S., Henriquez, O., Solares, C.A., Pradilla, G.
14th Congress of the European Skull Base Society -Riva de la Garda, Italy. April 24, 2022.
34. Nasal floor mucosa-free graft for endoscopic endonasal skull base reconstruction.
Revuelta Barbero, J.M., Soriano, R.M., **Porto, E.**, Rindler, R.S., Henriquez, O., Solares, C.A., Pradilla, G.
14th Congress of the European Skull Base Society. - Riva de la Garda, Italy. April 23, 2022.
35. Endoscopic Multiportal Subtemporal Approach to Middle Cranial Fossa Floor.
Porto, E., Revuelta Barbero, J.M., Medina, E.J., Soriano, R.M., Hobson, C., Vivas, E.X., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022. Phoenix, AZ.
36. Surgical Management of Anterior Optic Pathway Indeterminate Lesions.
Medina, E.J., Revuelta Barbero, J.M., **Porto, E.**, Barrow, E., Garzon-Muvdi, T., Solares, C.A., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022. Phoenix, AZ.
37. Long Term Follow-Up in VNS for Resistant Epilepsy.
Freri, E., Casazza, M., Marotta, G., **Porto, E.**, Tringali, G.U., Visani, E.
XXIV Congress of the ESSFN. September 2021.
Marseille, Fr.
38. Spasticity: oral therapy.
Porto, E.

Spasticity: Milan 2019, EANS. November 2019.
Milan, It

Posters

1. Rodas A, Zohdy YM, Vuncannon J, Daouds G, Revuelta JM, **Porto E**, Garzon-Muvdi T, DelGaudio J, Pradilla G, Barrow E, Solares CA.
Outcomes of neck recurrence in olfactory neuroblastoma: a single institution's experience.
33rd Annual North American Skull Base Society Meeting. February 2024. Atlanta, GA, USA.
2. Rodas A, Zohdy YM, Vuncannon J, Soriano R, Revuelta JM, **Porto E**, Garzon-Muvdi T, Moore C, Wise SK, DelGaudio J, Barrow E, Pradilla G, Solares CA.
Olfactory Neuroblastoma: Trends in Surgical Management and Postoperative Complications Through Time.
33rd Annual North American Skull Base Society Meeting. February 2024. Atlanta, GA, USA.
3. Maldonado J, **Porto E**, Revuelta Barbero JM, Tello I, Rodas A, Vivas EX, Mattox DE, Solares CA, Garzon-Muvdi T, Pradilla G.
Thermal analysis of an ultrasonic aspirator micro-claw tool compared to standard high-speed drilling during internal auditory canal opening in a cadaveric model.
2023 AANS Annual Scientific Meeting. April 2023. Los Angeles, CA.
4. **Porto E**, Revuelta Barbero JM, Sun H, Maldonado J, Rodas A, DelGaudio JM, Henriquez O, Barrow E, Zada G, Solares CA, Garzon-Muvdi T, & Pradilla G.
A cost-effective and reproducible cadaveric training model for internal carotid artery injury management during endoscopic endonasal surgery: The submersible peristaltic pump.
2023 AANS Annual Scientific Meeting. April 2023. Los Angeles, CA.
5. Training in Endoscopic Endonasal Neurosurgical Procedures: a Systematic Review of the Available Settings.
Sun, H., **Porto, E.**, Bray, DP., Revuelta Barbero, JM., DelGaudio, JM., Barrow, E., Henriquez, OA., Garzon Muvdi, T., Solares, CA., Pradilla, G.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.
6. Therapeutic response of a patient with aggressive prolactinoma using Pazopanib: Case Report and Literature Review.
Medina, EJ., **Porto, E.**, Revuelta Barbero, JM., Bray, D., Morales, B., Neill, S., Read, W., Pradilla, G., Ioachimescu, A., Garzon-Muvdi, T.
32nd Annual North American Skull Base Society Meeting. February, 2023. Tampa, FL, USA.

7. Classification System for Sellar Suprasellar Epidermoid Tumors.
Medina, EJ., **Porto, E.**, Revuelta, JM., Alawieh, A., Pradilla, G., Garzon-Muvdi, T.
32nd Annual North American Skull Base Society Meeting. February, 2023.
Tampa, FL, USA.
8. Current surgical management in spontaneous middle cranial fossa defects: a systematic review of the available reconstructive materials.
Porto, E., Sun, H., Revuelta Barbero, J.M., Garzon Muvdi, T., Solares, C.A., Vivas, E.X., Mattox, D.E., Pradilla, G.
2022 Annual CNS Annual Meeting. October, 2022. San Francisco, USA.
9. Ultrasound Aspirator Bone Claw: A Safe Tool to Perform Internal Auditory Canal Opening.
Porto, E., Revuelta Barbero, J.M., Sun, H., Tello, I., Mattox, D.E., Vivas, E.X., Solares, C.A., Pradilla, G.
2022 Annual CNS Annual Meeting. October, 2022. San Francisco, USA.
10. The Mid-Clival-Presigmoid Angle: A New Variable for Vestibular Schwannoma Surgery.
Revuelta Barbero, J.M., **Porto, E.**, Sun, H., Garzon Muvdi, T., Vivas, E.X., Mattox, D.E., Solares, C.A., Pradilla, G.
2022 Annual CNS Annual Meeting. October, 2022. San Francisco, USA.
11. Quantitative comparative analysis of the endoscope-assisted expanded retrosigmoid approach and the far-lateral approach to the inframeatal area: an anatomical study with surgical implications.
Revuelta Barbero, J.M., **Porto, E.**, Noiphithak, R., Yanez Siller, J.C., Martinez Perez, R., Prevedello, D., Pradilla, G.
2022 Annual CNS Annual Meeting. October, 2022. San Francisco, USA.
12. Transcranial Far-lateral, Endoscopic Endonasal Far-medial and Transoral Approaches to the Foramen Magnum Region: Anatomical and Technical Operative Nuances.
Porto, E., Revuelta Barbero, J.M., Medina, E., Soriano, R., Hobson, C.E., Vivas, E.X., Garzon Muvdi, T., Solares, C.A., Pradilla, G.
2022 Annual CNS Annual Meeting. October, 2022. San Francisco, USA.
13. Midline epidermoid cysts: a comprehensive classification system.
Medina, E., **Porto, E.**, Revuelta Barbero, J.M., Pradilla, G., Garzon Muvdi, T.
2022 Annual CNS Annual Meeting. October, 2022. San Francisco, USA.
14. Anatomical Guinea Pig Brain Comparative Atlas: A New Tool for Preclinical Focused Ultrasound Research.
Porto, E., Librizzi, L., Uva, L., Corradino, N., Ciocca, R., DiMeco, F., de Curtis, M., Prada, F.
21st Annual International Symposium on Therapeutic Ultrasound. June, 2022. Toronto, CA.

15. Endoscopic-Assisted Multiportal Subtemporal Approach to Middle Cranial Fossa Floor. Technical note.
Porto, E., Revuelta Barbero, J.M., Soriano, R.M., Medina, E.J, Hobson, C.E., Vivas, E.X., Pradilla, G.
2022 AANS Annual Scientific Meeting. April 2022. Philadelphia, PA.
16. Endoscopic endonasal far medial, transoral and transcranial far lateral approaches to foramen magnum: a comparative anatomical study.
Porto, E., Revuelta Barbero, J.M., Medina, E.J, Soriano, R.M., O. Henriquez, C.A. Solares, Pradilla, G.
2022 AANS Annual Scientific Meeting. April 2022. Philadelphia, PA.
17. Endoscopic Endonasal Trans-septal Approach to the Contralateral Medial Orbital Region. An anatomical study.
Revuelta Barbero, J.M., **Porto, E.**, Medina, E.J., Malenke, J.A., Mayol del Valle, M., Barrow, E., Solares, C.A., Pradilla, G.
2022 AANS Annual Scientific Meeting. April 2022. Philadelphia, PA.
18. Anterior Optic Pathway Indeterminate Lesions: approach selection and visual outcomes study.
Medina, E.J., Revuelta Barbero, J.M., **Porto, E.**, Barrow, E., Garzon-Muvdi, T., Solares, A., Pradilla, G.
2022 AANS Annual Scientific Meeting. April 2022. Philadelphia, PA.
19. Retrosigmoid Vestibular Neurectomy for Meniere's Disease: a technical note.
Porto, E., Revuelta Barbero, J.M., Medina, E., Garzon-Muvdi, T., Solares, C.A., Vivas, E.X., Pradilla, G.
14th Congress of the European Skull Base Society. April 22, 2022 - Riva de la Garda, Italy.
20. Superior Eyelid Endoscopic Approach versus Supraorbital Eyebrow Approach: Comparative Analysis to the Anterior Cranial Fossa.
Medina, E., Revuelta Barbero, J.M., **Porto, E.**, Garzon-Muvdi, T., Solares, C.A., Pradilla, G.
14th Congress of the European Skull Base Society. April 22, 2022 - Riva de la Garda, Italy. **(Best poster award)**
21. Current surgical management in middle cranial fossa defects.
Porto, E., Revuelta Barbero, J.M., Soriano, R.M., Medina, E.J., Hobson, C., Vivas, E.X., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022. Phoenix, AZ.
22. Endoscopic Endonasal Trans-septal Approach to the Contralateral Medial Orbital Region.
Revuelta Barbero, J.M., **Porto, E.**, Medina, E.J., Bray, D.P., Malenke, J.A., Alawieh, A.M., Soriano, R.M., Barrow, E., Solares, C.A., Pradilla, G.

31th Annual Meeting North American Skull Base Society. February, 2022.
Phoenix, AZ.

23. Clinical Implication of the Preoperative Pituitary Gland Estimated Location in non functional Pituitary Adenoma. A prospective study.
Revuelta Barbero, J.M., **Porto, E.**, Medina, E.J., Mayol del Valle, M.A., Bray, D.P., Malenke, J.A., Barrow, E., Solares, C.A., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022.
Phoenix, AZ.
24. Purely Nasal Floor Mucosa Free Graft for EEA transellar postoperative defects.
Revuelta Barbero, J.M., Soriano, R.M., **Porto, E.**, Rindler, R.S., Bray, D.P., Medina, E.J., Barrow, E., Solares, C.A., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022.
Phoenix, AZ.
25. Exoscope-assisted approach to repair middle cranial fossa defects: an anatomic atlas and case report.
Porto, E., Revuelta Barbero, J.M.; Medina, E.J., Soriano, R.M., Hobson, C., Vivas, E.X., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022.
Phoenix, AZ.
26. Presigmoid Retrolabyrinthine Approach: Technical Note.
Medina, E.J., Revuelta Barbero, J.M., **Porto, E.**, Vivas, E., Garzon-Muvdi, T., Solares, C.A., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022.
Phoenix, AZ.
27. Comparative Analysis of Exposure and Maneuverability provided by the Keyhole Supraorbital Eyebrow Approach and Superior Eyelid Endoscopic-Assisted Approach to the Anterior Cranial Fossa.
Medina, E.J., Revuelta Barbero, J.M., **Porto, E.**, Bray, D., E., Garzon-Muvdi, T., Solares, C.A., Pradilla, G.
31th Annual Meeting North American Skull Base Society. February, 2022.
Phoenix, AZ.

Auditor

28. 26th biennial congress of the European Society for Pediatric Neurosurgery, Bonn (Germany) – May 2018

Capitoli di libro

1. DiMeco F, Porto E, Bonosi L. – Editor: Maiuri F.
Management of meningioma recurrences (for Meningiomas: From Pathology to Clinics)
Springer (In-press)

2. Porto E, Rodas A, Revuelta-Barbero JM, Pradilla G, Solares CA. -. Editors: Zada G.
Complex Reconstructive Techniques for Anterior Skull Base Defects
Springer Nature (In-press)
3. Porto E, Revuelta-Barbero JM, Maldonado J, Rodas A, Solares CA, Pradilla G -. Editors: Shwartz TH, Moe KS, Kong DS.
Harvesting a pericranial flap
Endoscopic Transorbital Surgery of the Orbit, Skull Base and Brain – 2024
Springer Nature
4. Revuelta-Barbero JM, Porto E, Soriano RM, Medina EJ, Pradilla G -. Editors: Roxbury, C., Sindwani, R.
PART II.7: Surgical Anatomy of the Middle Cranial Fossa
Cerebrospinal Fluid Rhinorrhea, 1st Edition - ISBN: 9780323870726 - Publication Date: 04-17-2023 - Ed. Elsevier
5. Porto E, Acampora R, Cannizzaro M, Tariciotti L, Piazza A, Romozzi M, Guida I, Cecere A
Manuale di Neurologia e Neurochirurgia - Settima edizione - Concorso Nazionale SSM 2021
Accademia It. Medici Spec. (Novembre 2020) – ISBN: 9788833410944
6. Maggiore C, Galosi E, Porto E, Guida I, Trecca MEC
Manuale di Neurologia e Neurochirurgia - Sesta edizione - Concorso Nazionale SSM 2020
Accademia It. Medici Spec. (Ottobre 2019) – ISBN: 9788833410821

Pubblicazioni

1. **Porto E**, Revuelta Barbero JM, Zohdy YM, Rodas A, Maldonado J, Tariciotti L, DiMeco F, Solares CA, Garzon-Muvdi T, Pradilla G
Letter to the Editor Response on 'The Vectorial Technique: A Novel Neuro-navigation-Based Tool to Measure Angles of Exposure during Skull Base Dissections'
J. Neurosurg. In press.
2. Maldonado J, Lohana S, Barrow E, Vuncannon J, Pradilla I, Zohdy Y, Revuelta Barbero JM, **Porto E**, Rodas A, Atchley T, Patel B, Tariciotti L, Vergara S, Schmitt N, Solares CA, Garzon-Muvdi T, Pradilla G.
Management of cutaneous head and neck squamous cell carcinoma with trigeminal nerve involvement: A Systematic Review.
IJOHNS. In press.

3. Rodas A, Tariciotti L, Zohdy YM, Soriano RM, Daoud GE, **Porto E**, Vuncannon JR, Revuelta Barbero JM, Garzon-Muvdi T, McDonald M, Pradilla G, Wise, SK, Barrow E, Solares CA, DelGaudio JM.
Olfaction Preservation and Long-term Outcomes in Patients with Unilateral Endoscopic Resection of Olfactory Neuroblastoma: A Systematic Review and Institutional Experience.
World Neurosurgery. In press.
4. Tariciotti L, Rodas A, Patel B, Zohdy YM, de Andrade EJ, Revuelta Barbero JM, **Porto E**, Vuncannon J, Maldonado J, Vergara SM, Lohana S, Solares CA, DiMeco F, Garzon-Muvdi T, Pradilla G.
Biportal Endoscopic TransOrbital and transMaxillary Approach (bETOMA) to the cranio-orbital region and middle cranial fossa: a preliminary analysis of maneuverability.
Operative neurosurgery. In press.
5. Fanizzi C, Carone G, Rocca A, Ayadi R, Petrenko V, Casali C, Rani M, Giachino M, Falsitta LV, Gambatesa T, Galbiati TF, Orena EF, Tramacere I, Riker NI, Mocca A, **PASSION STUDY GROUP**, Meling TR, Schaller K, DiMeco F, Perin A
Simulation to become a better neurosurgeon. An international prospective controlled trial: the PASSION study
Brain and Spine. In press.
6. **Porto E** and Rodas A, Sun H, Revuelta-Barbero JM, Cosgrove M, Tariciotti L, Perin A, Zada G, DiMeco F, Solares CA, Garzon-Muvdi T, Pradilla G.
Training in Endoscopic Endonasal Neurosurgical Procedures: a Systematic Review of Available Models
Journal of Neurological Surgery Part B: Skull Bas. In press.
7. Pradilla G, Ratcliff JJ, Hall AJ, Saville BR, Allen JW, Paulon G, McGlothlin A, Lewis RJ, Fitzgerald M, Caveney AF, Li XT, Bain M, Gomes J, Jankowitz B, Zenonos G, Molyneaux BJ, Davies J, Siddiqui A, Chicoine MR, Keyrouz SG, Grossberg JA, Shah MV, Singh R, Bohnstedt BN, Frankel M, Wright DW, Barrow DL, for **the ENRICH trial investigators**.
Trial of Early Minimally Invasive Removal of Intracerebral Hemorrhage
New England Journal of Medicine. 2024 Apr 11;390(14):1277-1289.
8. Bonomo R, Bonomo G, Rubiu E, Iess G, Cammarata G, Innocenti N, Restelli F, Falco J, **Porto E**, Amato A, Zekaj E, Levi V.
Integrative Approaches in Spinal Cord Stimulation: Neuropathic Pain Management and Motor Recovery in Spinal Cord Injury. A narrative review
Brain Spine. 2024 Mar 14;4:102781. doi: 10.1016/j.bas.2024.102781. eCollection 2024.
9. Fiore G and **Porto E**, Bertani G, Marcus H, Saladino A, Pradilla G, DiMeco F, Locatelli M.
The burden of skull base chordomas: insights from a meta-analysis of observational studies
Neurosurg Focus. 2024 May;56(5):E13. doi: 10.3171/2024.3.FOCUS23922.

10. Pellegata S, Corradino N, Zingarelli M, **Porto E**, Gionso M, Berlendis A, Durando G, Maffezzini M, Musio S, Aquino D, DiMeco F, Prada F.
The immunomodulatory effects of fluorescein-mediated sonodynamic treatment lead to systemic and intratumoral depletion of myeloid-derived suppressor cells in a preclinical malignant glioma model
Cancers 2024, 16(4), 792; <https://doi.org/10.3390/cancers16040792>
11. **Porto E**, Revuelta Barbero JM, Zohdy YM, Rodas A, Maldonado J, Tariciotti L, DiMeco F, Solares CA, Garzon-Muvdi T, Pradilla G
The vectorial technique: a novel neuronavigation-based tool to measure angles of exposure during skull base dissections
J Neurosurg. 2024 Feb 16:1-6. doi: 10.3171/2023.12.JNS232709.
12. Zohdy Y, Jahangiri A, Alawieh A, Agam M, Cosgrove M, Jacob F, **Porto E**, Argaw SA, Rodas A, Maldonado J, Chandler KE, Revuelta Barbero JM, De Andrade E, Patel B, Tariciotti L, Vergara S, Pradilla G, Garzon-Muvdi T.
Superior Orbital Fissure Narrowing and Tumor-Associated Pain in Spheno-Orbital Meningiomas
Acta Neurochir (Wien). 2024 Feb 28;166(1):113. doi: 10.1007/s00701-024-05979-2.
13. Rodas A and **Porto E**, Revuelta Barbero JM, Vuncannon JR, Zohdy YM, Patel BK, Pradilla G, Solares CA.
Exoscope-assisted Temporal Bone Resection: Operative Videos of the Lateral and Total Techniques.
Neurosurg Focus Video. 2024 Jan 1;10(1):V11. doi: 10.3171/2023.10.FOCVID23135. eCollection 2024 Jan.
14. Maldonado J and Revuelta Barbero JM, Rodas A, **Porto E**, Agudelo-Arrieta M, Zohdy Y, Garzon-Muvdi T, Solares CA, Pradilla G.
Endoscopic Endonasal Odontoidectomy for Upper Cervical Spine and Brainstem Decompression in a Patient with Goldenhar Syndrome.
Oper Neurosurg (Hagerstown). 2024 Apr 1;26(4):477-478. doi: 10.1227/ons.0000000000001004. Epub 2023 Nov 23.
15. Revuelta-Barbero JM, Rodas A, **Porto E**, Vuncannon JR, Zohdy YM, Maldonado J, Solares CA, Henriquez O, Pradilla G.
The Role of the Transeptal Window in Endoscopic Endonasal Access to the Contralateral Orbit.
JNLS-B, Skull Base. In press.
16. Zohdy YM, Jacob F, Agam M, Alawieh A, Bray D, Revuelta Barbero JM, Argaw SA, Maldonado J, Rodas A, Sudhakar V, **Porto E**, Peragallo J, Olson JJ, Pradilla G, Garzon-Muvdi T.
Volumetric Analysis of Spheno-orbital Meningiomas: Prognostic Correlation and a Compartmentalized Approach.
Neurosurgery. 2023 Oct 16. doi: 10.1227/neu.0000000000002724. Online ahead of print.

17. Medina EJ and Zohdy YM, **Porto E**, Revuelta Barbero JM, Bray D, Maldonado J, Rodas A, Mayol M, Morales B, Neill S, Read W, Pradilla G, Ioachimescu AG, Garzon-Muvdi T.
Therapeutic Response to Pazopanib: Case Report and Literature Review on Molecular Abnormalities of Aggressive Prolactinomas.
Front Endocrinol (Lausanne). 2023 Jul 17;14:1195792. doi: 10.3389/fendo.2023.1195792. eCollection 2023.
18. Fiore G **and Porto E**, Pluderi M, Ampollini AM, Borsa S, Legnani FG, Giampiccolo D, Miserocchi A, Bertani GA, DiMeco F, Locatelli M.
Prevention of Post-operative Pain after Elective Brain Surgery: A Meta-Analysis of Randomized Controlled Trials.
Medicina (Kaunas). 2023 Apr 24;59(5):831. doi: 10.3390/medicina59050831.
19. Revuelta Barbero JM, Soriano RM, **Porto E**, Bray DP, Barrow E, Henriquez O, Solares CA, Pradilla G.
Purely Nasal Floor Mucosa-Free Graft for Reconstruction after Endoscopic Endonasal Transellar Approach. An Anatomical and Clinical Analysis.
Br J Neurosurg. 2023 Apr 21;1-6. doi: 10.1080/02688697.2023.2202233. Online ahead of print.
20. Ratcliff JJ, Hall AJ, **Porto E**, Saville BR, Lewis RJ, Allen JW, Frankel M, Wright DW, Barrow DL, Pradilla G.
Early Minimally Invasive Removal of Intracerebral Hemorrhage (ENRICH): Study Protocol for a Multi-centered Two-arm Randomized Adaptive Trial.
Front Neurol. 2023 Mar 16;14:1126958. doi: 10.3389/fneur.2023.1126958. eCollection 2023.
21. Maldonado J **and Porto E**, Revuelta Barbero JM, Tello I, Rodas A, Vivas EX, Mattox DE, Solares CA, Garzon Muvdi T, Pradilla G.
Thermal Analysis of an Ultrasonic Aspirator Micro-Claw Tool compared to Standard High-Speed Drilling during Internal Auditory Canal Opening in a Cadaveric Model.
Oper Neurosurg (Hagerstown). 2023 Apr 21. doi: 10.1227/ons.0000000000000721. Online ahead of print.
22. **Porto E**, Vuncannon J, Revuelta-Barbero JM, Rodas A, Maldonado J, Garzon-Muvdi T, Barrow E, Pradilla G, Solares CA.
Radial Forearm Free Flap with Parapharyngeal Pedicle Corridor for Reconstruction of Anterior Skull Base Defects
World Neurosurg. 2023 Feb 28;S1878-8750(23)00252-8. doi: 10.1016/j.wneu.2023.02.103.
23. **Porto E** and Sun H, Revuelta Barbero JM, Pradilla I, Palacios-Ariza MA, Velasquez N, Garzon-Muvdi T, Solares CA, Mattox DE, Vivas EX, Pradilla G.
Surgical Management of Spontaneous Middle Cranial Fossa Defects: A Systematic Review and Meta-analysis of Available Reconstructive Techniques and Materials.

24. **Porto E**, Revuelta Barbero JM, Sun H, DelGaudio JM, Henriquez OA, Barrow E, Zada G, Solares CA, Garzon-Muvdi T, Pradilla G.
A Cost-effective and Reproducible Cadaveric Training Model for Internal Carotid Artery Injury Management during Endoscopic Endonasal Surgery: the Submersible Peristaltic Pump.
World Neurosurg. 2023 Mar;171:e355-e362. doi: 10.1016/j.wneu.2022.12.014. Epub 2022 Dec 10.
25. Yanez-Siller JC, Noiphithak R, **Porto E**, Beer-Furlan AL, Revuelta Barbero JM, Martinez-Perez R, Howe E, Prevedello DM, Carrau RL.
Endoscopic approaches to the paramedian skull base: an anatomic comparison of contralateral endonasal and transmaxillary strategies.
Oper Neurosurg (Hagerstown). 2023 Jun 1;24(6):e421-e428. doi: 10.1227/ons.0000000000000637. Epub 2023 Feb 3.
26. **Porto E**, Vuncannon J, Revuelta Barbero JM, Spielman DB, Barrow E, Garzon Muvdi T, Mattox DE, Pradilla G, Solares CA.
Controlateral Transmaxillary Approach to Petrous Apex Granuloma with Lateral Maxillotomy: 2-Dimensional Operative Video.
World Neurosurg. 2022 Oct 19;S1878-8750(22)01468-1. doi: 10.1016/j.wneu.2022.10.052. Online ahead of print.
27. Del Bene M., Carone G, **Porto E**, Barbotti A, Messina G, Tringali G, Rossi D, Lanteri P, Togni R, Demichelis G, Aquino D, Doniselli FM, DiMeco F, Casali C.
Neurophysiology-Guided Laser Interstitial Thermal Therapy: A Synergistic Approach For Motor Function Preservation. Technical Note.
World Neurosurg. 2022 Oct 3;S1878-8750(22)01397-3. doi: 10.1016/j.wneu.2022.09.121.
28. **Porto E**, Revuelta Barbero JM, Soriano RM, Sun H, Solares CA, Mattox DE, Pradilla G, Vivas EX, Garzon-Muvdi T.
Exoscope-assisted middle cranial fossa approach for repair of tegmental defects: a cadaveric and clinical study.
World Neurosurgery. 2022 Dec;168:103-110. doi: 10.1016/j.wneu.2022.09.096. Epub 2022 Sep 26.
29. Revuelta Barbero JM **and Porto E**, Prevedello DM, Noiphithak R, Yanez Siller JC, Martinez Perez R, Pradilla G.
Quantitative comparative analysis of the endoscope-assisted expanded retrosigmoid approach and the far-lateral approach to the inframeatal area: an anatomical study with surgical implications.
Oper Neurosurg (Hagerstown). 2023 Mar 1;24(3):e187-e200. doi: 10.1227/ons.0000000000000506. Epub 2022 Nov 18.
30. **Porto E**, Revuelta Barbero JM, Velasquez N, Cosgrove M, Medina EJ, Barrow E, Pradilla G.

- Combined Orbitozygomatic Pretemporal AQ1 AQ2 Transcavernous and Endonasal Transmaxillary Approach for Resection of a Giant Trigeminal Schwannoma: 2-Dimensional Operative Video
Oper Neurosurg (Hagerstown). 2022 Oct 1;23(4):e296. doi: 10.1227/ons.0000000000000360.
31. Medina EJ, Revuelta-Barbero JM, **Porto E**, Garzon-Muvdi T, Henriquez O, Solares CA, Pradilla G
Exoscopic and Microscopic Combined Far Lateral Retrocondylar Approach for resection of a Ventral Foramen Magnum Lesion
Oper Neurosurg (Hagerstown). 2022 Aug 1;23(2):e126. doi: 10.1227/ons.0000000000000250.
32. Revuelta-Barbero JM, Rindler RS, Martin C, Orellana M, **Porto E**, Solares CA, Pradilla G
Keyhole supraorbital-eyebrow approach for resection of a tuberculum sellae meningioma with intraoperative endoscopic assistance
Surg Neurol Int. 2022 Mar 18;13:93. doi: 10.25259/SNI_1173_2021. eCollection 2022.
33. **Porto E**, Revuelta-Barbero JM, Medina EJ, Garzon-Muvdi T, Mattox DE, Solares CE, Vivas EX, Pradilla G.
Retrosigmoid Vestibular Neurectomy for Meniere's Disease: a technical note
World Neurosurg. 2022 Jan 12;S1878-8750(22)00030-4. doi: 10.1016/j.wneu.2022.01.027.
34. Revuelta-Barbero JM, **Porto E**, Medina EJ, Bray DP, Garzon-Muvdi T, Solares CA, Pradilla G.
Microsurgical Gross-Total Resection of an Intracanalicular-Cisternal (Koos-4) Vestibular Schwannoma via a Retrosigmoid Approach with intraoperative Endoscopic assistance.
World Neurosurg. 2021 Dec 2;S1878-8750(21)01821-0. doi: 10.1016/j.wneu.2021.11.110.
35. Raspagliesi L, D'Ammando A, Gionso M, Sheybani ND, Lopes MB, Moore D, Allen S, Gatesman J, **Porto E**, Timbie K, Franzini A, Di Meco F, Sheehan J, Xu Z, Prada F.
Intracranial Sonodynamic Therapy With 5-Aminolevulinic Acid and Sodium Fluorescein: Safety Study in a Porcine Model
Front Oncol. 2021 Jun 21;11:679989. doi: 10.3389/fonc.2021.679989. eCollection 2021.
36. D'Ammando A, Raspagliesi L, Gionso M, Franzini A, **Porto E**, Di Meco F, Durando G, Pellegatta S, Prada F.
Sonodynamic Therapy for the Treatment of Intracranial Gliomas
J Clin Med. 2021 Mar 6;10(5):1101. DOI: 10.3390/jcm10051101.
37. Di Pietro V, **Porto E**, Ragusa M, Barbagallo C, Davies D, Forcione M, Logan A, Di Pietro C, Purrello M, Grey M, Hammond D, Sawlani V, Barbey AK, Belli A.

Salivary microRNAs: diagnostic markers of mild traumatic brain injury in contact-sport
Front Mol Neurosci. 2018 Aug 20;11:290. doi: 10.3389/fnmol.2018.00290. eCollection 2018

38. Di Pietro V, Lazzarino G, Amorini AM, Signoretti S, Hill LJ, **Porto E**, Tavazzi B, Lazzarino G, Belli A.
Fusion or fission: the destiny of mitochondria in traumatic brain injury of different severities
Sci Rep. 2017 Aug 23;7(1):9189. doi: 10.1038/s41598-017-09587-2

Reviewer

Surgical Neurology International
Journal of Clinical Neuroscience
Frontiers in Neurology

Certificazioni

BLSD: May 2018

IELTS: Mar 2018 – score: 7.5

Lingue

Italiana – Madre lingua

Inglese – Avanzata (IELTS 7.5)

Francese – Buona

Altre competenze

Biotecnologie

Western Blot, RT-PCR

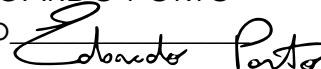
Software

Office (Word, Excel, PowerPoint), Endnote, SPSS (Data analysis and statistical software), MeV (Multiexperiment viewer), nSolver Analysis Software.

Si dichiara che il presente curriculum vitae ha funzione di autocertificazione ai sensi del D.P.R. n. 445 del 28/12/2000.

Milano, 09/12/2024

EDOARDO PORTO

F.to 

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