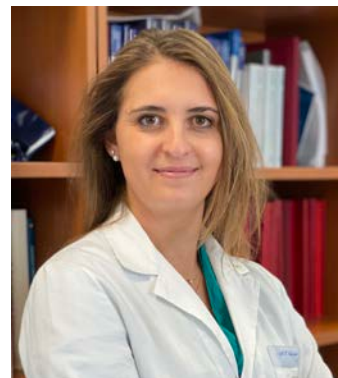


# Federica Penner

Torino, Italia | +39 3886939085 | [federica.penner@gmail.com](mailto:federica.penner@gmail.com) | 05/02/1989



## ESPERIENZA LAVORATIVA

- 04/11/2020  
**Torino**
- Humanitas - Cellini - Chirurgia vertebrale**  
*Neurochirurgo*
- Attività chirurgica e ambulatoriale incentrata sulla patologia della colonna vertebrale (approcci laterali, anteriori e posteriori alla colonna, chirurgia mininvasiva)
- 1/11/2015 - 31/10/2020  
**Torino**
- Azienda Ospedaliero Universitaria Città della Salute e della Scienza di Torino**  
*Medico in formazione specialistica - Neurochirurgia*
- Attività di sala operatoria, reparto, ambulatorio generale e specialistico (soprattutto di chirurgia vertebrale e chirurgia del basicranio) e pronto soccorso.
  - Attività chirurgica: 945 interventi dall'inizio dell'attività a fine specialità
- 1/07/2019  
**Bra**
- ASL CN2**  
*Medico di continuità assistenziale*
- Attività di guardia medica sul territorio con gestione ambulatoriale e al domicilio dei pazienti

## ISTRUZIONE

- 2015 – 2020  
**Torino**
- Università degli Studi di Torino**  
Specializzazione in Neurochirurgia con votazione 70/70 e lode e dignità di stampa Tesi “Odontoidectomia endoscopica endonasale: follow-up a lungo termine in parziale preservazione dell’arco anteriore di C1 con e senza fissazione posteriore”
- 2008-2014  
**Pavia**
- Università degli studi di Pavia**  
Laurea in Medicina e Chirurgia con votazione 110/110 con lode ed encomio della commissione  
Tesi: Neurostimulatory Techniques in Chronic Cluster Headache Patients: Clinical Studies
- 2016
- ECFMG Certified – United States of America (USMLE STEP 1, 2CS, 2CK, 3)**  
Abilitazione alla professione medica negli Stati Uniti D'America

## ALTRE ESPERIENZE FORMATIVE

- **Università degli Studi di Bologna - IRCCS ospedale Bellaria - Specializzanda presso unità di neurochirurgia dell'Ipofisi prof. Mazzatenta (02/2019 - 05/2019)**
- **Vincitrice borsa di studio per partecipazione a 22 Selby Spine Conference - Park City, Utah, USA (01/2019 - 02/2019)**
- **Vincitrice borsa di studio per partecipazione a 22 Selby Spine Conference - Park City, Utah, USA (01/2018 - 02/2018)**
- **University of Illinois at Chicago - Observer at Neurosurgery Unit prof. Charbel (09/2015 - 11/2015) (09/2017 - 11/2017)**
- **Vincitrice premio Bartolazzi - SINCH (6/2016)**
- **IRCCS Istituto neurologico C. Besta - Medico volontario presso Neurochirurgia 3 prof. Franzini (09/2014 - 11/2015)**
- **Mount Sinai hospital, New York - Observer at Neurosurgery Unit prof. Bederson (08/2015 - 09/2015)**
- **ERASMUS in Tampere, Finlandia (08/2011 - 12/2011)**
- **Alunna Collegio Nuovo - Pavia (10/2008 - 10/2012)**

## COMPETENZE PERSONALI

**Italiano:** madrelingua

**Inglese:** livello C2

**Software:** Microsoft Office (Word, Excel, Power Point, Outlook), MacOS, Horos, Radiant

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## ARTICOLI PUBBLICATI

- 1: Spinal epidural capillary hemangioma: case report and review of the literature. Cofano F, Marengo N, Pecoraro F, Penner F, Bertero L, Zenga F. Br J Neurosurg. 2019 Mar 4;1-4. doi: 10.1080/02688697.2018.1562034. Epub a head of print. PMID: 30829069.
- 2: The Era of Cortical Bone Trajectory Screws in Spine Surgery: A Qualitative Review with Rating of Evidence. Cofano F, Marengo N, Ajello M, Penner F, Mammi M, Petrone S, Lavorato A, Zenga F, Garbossa D. World Neurosurg. 2020 Feb;134:14-24. Epub 2019 Oct 19. PMID: 31639506.
- 3: Cervical Interfacet Spacers to Promote Indirect Decompression and Enhance Fusion in Degenerative Spine: A Review. Cofano F, Sciarrone GJ, Pecoraro MF, Marengo N, Ajello M, Penner F, Petrone S, Ducati A, Zenga F, Musso C, Garbossa D. World Neurosurg. 2019 Jun;126:447-452. Epub 2019 Mar 20. PMID: 30904796.
- 4: . Early Copeptin Determination Allows Prompt Diagnosis of Post-Neurosurgical Central Diabetes Insipidus. Berton AM, Gatti F, Penner F, Varaldo E, Prencipe N, Rumbolo F, Settanni F, Gasco V, Ghigo E, Zenga F, Grotoli S. Neuroendocrinology. 2020;110(6):525-534. doi: 10.1159/000503145. Epub 2019 Sep 5. PMID: 31484187.
- 5: Cortical Bone Trajectory Screw Placement Accuracy with a Patient-Matched 3-Dimensional Printed Guide in Lumbar Spinal Surgery: A Clinical Study. Marengo N, Matsukawa K, Monticelli M, Ajello M, Pacca P, Cofano F, Penner F, Zenga F, Ducati A, Garbossa D. World Neurosurg. 2019 Oct;130:e98-e104. doi: 10.1016/j.wneu.2019.05.241. Epub 2019 Jun 5. PMID: 31307931.
- 6: Cortical bone trajectory screws for circumferential arthrodesis in lumbar degenerative spine: clinical and radiological outcomes of 101 cases. Marengo N, Berjano P, Cofano F, Ajello M, Zenga F, Pilloni G, Penner F, Petrone S, Vay L, Ducati A, Garbossa D. Eur Spine J. 2018 Jun;27(Suppl 2):213-221. doi: 10.1007/s00586-018-5599-8. Epub 2018 Apr 16. PMID: 29663147.
- 7: Super Giant Growth Hormone-Secreting Pituitary Adenoma in Young Woman: From Ventricles to Nose. Penner F, Prencipe N, Pennacchietti V, Pacca P, Cambria V, Garbossa D, Zenga F. World Neurosurg. 2019 Feb;122:544-548. Epub 2018 Nov 22. PMID: 30472284.
- 8: Preoperative 3D CT Planning for Cortical Bone Trajectory Screws: A Retrospective Radiological Cohort Study. Penner F, Marengo N, Ajello M, Petrone S, Cofano F, Veneziani Santonio F, Zenga F, Garbossa D. World Neurosurg. 2019 Jun;126:e1468-e1474. doi: 10.1016/j.wneu.2019.03.121. Epub 2019 Mar 20. PMID: 30904792.
- 9: Benzene affects the response to octreotide treatment of growth hormone secreting pituitary adenoma cells. Zunino V, Catalano MG, Zenga F, Penner F, Maletta F, Valerio F, Rinella L, Arvat E, Fortunati N. Environ Res. 2019 Jun;173:489-496. doi: 10.1016/j.envres.2019.04.007. Epub 2019 Apr 8. PMID: 30986651.
- 10: Comparative analysis of explanted DBS electrodes. Acta Neurochir (Wien). Rizzi M, De Benedictis A, Messina G, Cordella R, Marchesi D, Messina R, Penner F, Franzini A, Marras CE. 2015 Dec;157(12):2135-41. Epub 2015 Sep 7. PMID: 26347045.
- 11: Letter: Back Pain and Accesses to Emergency Departments During COVID-19 Lockdown in Italy. Neurosurgery. Cofano F, Tartara F, Zenga F, Penner F, Lanotte M, Garbossa D. 2020 Aug 1;87(2):E211. doi: 110.1093/neuros/nyaa174. PMID: 32355982; PMCID: PMC7197581.
- 12: Endoscopic Endonasal Approach for Urgent Decompression of Craniovertebral Junction in Syringobulbia. Pacca P, Marengo N, Di Perna G, Penner F, Ajello M, Garbossa D, Zenga F. World Neurosurg. 2019 Oct;130:499-505. doi: 10.1016/j.wneu.2019.07.004. Epub 2019 Jul 9. PMID: 31295597.
- 13: Surgical management of pituitary adenomas: does age matter? Tardivo V, Penner F, Garbossa D, Di Perna G, Pacca P, Salvati L, Altieri R, Grotoli S, Zenga F. Pituitary. 2020 Apr;23(2):92-102. doi: 10.1007/s11102-019-01014-1. PMID: 31797173.

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- 14: Effects of environmental pollutants on signaling pathways in rat pituitary GH3 adenoma cells. Fortunati N, Guaraldi F, Zunino V, Penner F, D'Angelo V, Zenga F, Pecori Giralardi F, Catalano MG, Arvat E. Environ Res. 2017 Oct;158:660-668. doi: 10.1016/j.envres.2017.07.015. Epub 2017 Jul 18. PMID: 28732322.
- 15: 3D HD Endoscopy in Skull Base Surgery: From Darkness to Light. Altieri R, Tardivo V, Pacca P, Pennacchietti V, Penner F, Garbossa D, Ducati A, Garzaro M, Zenga F. Surg Technol Int. 2016 Oct 26;29:359-365. PMID: 27466871.
- 16: Internal Pulse Generators in Deep Brain Stimulation: Rechargeable or Not? Rizzi M, Messina G, Penner F, D'Ammando A, Muratorio F, Franzini A. World Neurosurg. 2015 Oct;84(4):1020-9. doi: 10.1016/j.wneu.2015.05.028. Epub 2015 May 30. PMID: 26038334.
- 17: Caulobacter spp: A Rare Pathogen Responsible for Paucisintomatic Persistent Meningitis in a Glioblastoma Patient. Penner F, Brossa S, Barbui AM, Ducati A, Cavallo R, Zenga F. World Neurosurg. 2016 Dec;96:611.e11-611.e13. doi: 10.1016/j.wneu.2016.09.020. Epub 2016 Sep 17. PMID: 27650802.
- 18: DBS for Parkinson's disease in a HIV-positive patient: long-term follow-up. Penner F, Messina G, Rizzi M, Franzini A. Acta Neurochir (Wien). 2014 Aug;156(8):1513-4. doi: 10.1007/s00701-014-2091-z. Epub 2014 Apr 22. PMID: 24752727.
- 19: Posteroventrolateral pallidotomy through implanted DBS electrodes monitored by recording local field potentials. Franzini A, Cordella R, Penner F, Rosa M, Messina G, Rizzi M, Nardocci N, Priori A. Br J Neurosurg. 2015;29(6):888-90. doi: 10.3109/02688697.2015.1054363. Epub 2015 Jun 17. PMID: 26083140.
- 20: Is It Possible To Evaluate the Ideal Cervical Alignment for Each Patient Needing Surgery? An Easy Rule To Determine the Appropriate Cervical Lordosis in Preoperative Planning. Ajello M, Marengo N, Pilloni G, Penner F, Vercelli G, Pecoraro F, Zenga F, Vaccaro AR, Ducati A, Garbossa D. World Neurosurg. 2017 Jan;97:471-478. doi: 10.1016/j.wneu.2016.09.110. Epub 2016 Oct 14. PMID: 27751920.
- 21: Painful Rosacea as a Warning Sign of Intracranial Metastasis of Squamous Cell Carcinoma. Rizzi M, Penner F, Messina G, Castelli N, Franzini A, Capella GL. Headache. 2016 Oct;56(9):1514-1516. doi: 10.1111/head.12956. Epub 2016 Sep 16. PMID: 27633162.
- 22: TRANS-FRONTAL SINUS APPROACH FOR OLFACTORY GROOVE MENINGIOMAS: A 19 YEAR EXPERIENCE Zenga F, Penner F, Cofano F, Lavorato A, Tardivo V, Fontanella MM, Garbossa D, Stefani R. Clin Neurol Neurosurg. 2020 Sep;196:106041. doi: 10.1016/j.clineuro.2020.106041. Epub 2020 Jun 24. PMID: 32604034.
- 23: Cortical bone trajectory technique's outcomes and procedures for posterior lumbar fusion: A retrospective study. Petrone S, Marengo N, Ajello M, Lavorato A, Penner F, Cofano F, Zenga F, Garbossa D. J Clin Neurosci. 2020 Jun;76:25-30. doi: 10.1016/j.jocn.2020.04.070. Epub 2020 Apr 21. PMID: 32331945.
- 24: Second day morning cortisol levels after transsphenoidal surgery are accurate predictors of secondary adrenal insufficiency with diagnostic cut-offs similar to non-stressed conditions. Prencipe N, Parasiliti-Caprino M, Gatti F, Penner F, Berton AM, Bona C, Caputo M, D'Angelo V, Cappiello V, Gasco V, Ghigo E, Zenga F, Grottoli S. Neuroendocrinology. 2020 Jun 3. doi: 10.1159/000509092. Epub ahead of print. PMID: 32492678.

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