



# UMBERTO PENSATO

CLINICAL NEUROLOGIST, RESEARCH FELLOW, ASSISTANT PROFESSOR OF NEUROLOGY • MILAN, ITALY

## ◦ DETAILS ◦

Milan, Italy  
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Date / Place of birth

22-09-1991  
Milan

## ◦ ADDITIONAL DATA ◦

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## 👤 PROFILE

I am an emergency neurologist at IRCCS Humanitas Research Hospital in Milan (Italy). I earned my bachelor's in medicine and surgery at Vita-Salute University in Milan (Italy), a neurology residency in Bologna (Italy), and a research fellowship in Calgary (Canada).

As a researcher, my main interest lies in delving deep into the pathophysiological mechanisms of acute neurological disorders and leveraging this understanding to inform and enhance pragmatic clinical practice. My current primary research topics are hematoma expansion in intracerebral stroke and infarct growth in ischemic stroke.

## 📁 EMPLOYMENT HISTORY

**Neurology Resident at IRCCS Institute of Neurological Sciences of Bologna, Bologna, Italy**

January 2018 — January 2022

**Clinical Neurologist at IRCCS Humanitas Research Hospital, Rozzano, Milan, Italy**

February 2022 — Present

**Stroke Research Fellow at Calgary Stroke Program, Calgary (AB), Canada**

September 2023 — Present

**Assistant Professor of Neurology at Humanitas University, Milan, Italy**

January 2024 — Present

## 🎓 EDUCATION

**Bachelor in Medical Sciences, Università Vita-Salute San Raffaele, Milan, Italy**

September 2010 — October 2016

Finale score: 110/110 "cum laude" with special mention

Thesis Supervisor: Prof. Giancarlo Comi

**Residency Neurology Training, Università di Bologna, Bologna, Italy**

January 2018 — January 2022

Final score: 110/110 "cum laude"

Thesis Supervisor: Prof. Pietro Cortelli

**Stroke Research Fellowship, University of Calgary, Calgary (AB), Canada**

September 2023 — Present

Under the supervision of Prof. Andrew M. Demchuk, Director of the Calgary Stroke Program.

## ★ INTERNSHIPS

- Summer 2011: Internship at San Raffaele Telethon Institute for Gene Therapy, Milan, Italy
- Summer 2013: Internship at Transplant Immunology Laboratory, Boston Children's Hospital, Harvard University, Boston, U.S.A.
- Spring 2014: Clinical internship at Antwerp University Hospital, Antwerp, Belgium
- Spring 2020: "COVID Unit" at Bellaria Hospital, Bologna, Italy

## ★ COURSES

- November 2020: Neurological Emergencies course, the Harvard Medical School
- March-September 2021: Headache Master, Campus-Biomedico University, Rome, Italy
- August 2021: Nature Masterclass "Focus on Peer-review"
- June-September 2021: CNS Academy
- July 2022: 13Th meeting of the European Headache Federation School of Advanced Studies (EHF-SAS)
- September 2022: International Teaching Course on Continuous EEG in ICU at the 8th London-Innsbruck Colloquium on Status Epilepticus and Acute Seizures

## ★ TEACHING EXPERIENCE

### Assistant Professor of Neurology at Humanitas University, Milano, Italy

September 2023 — Present

- 6 hours/academic year frontal lesson in the Medicine & Surgery degree program
- 4 hours/academic year frontal lesson in the MEDTEC school degree program
- 20 hours/academic year frontal lesson in the Physiotherapy degree program
- 12 hours/academic year frontal lesson in the Nurse degree program

### Invited Speaker on teaching courses

1. "La neurotossicità associata alla CAR-T therapy", monthly neurological seminar at IRCCS Istituto delle Scienze Neurologiche di Bologna (Bologna, Italia), 18th May 2021
2. "Encefalopatie associate a COVID-19", monthly neurological seminar at Università degli Studi di Modena e Reggio Emilia (Modena, Italia), 19th May 2021.
3. "Long-COVID e post-COVID: meccanismi, fattori di rischio e terapie", monthly neurological seminar at Università degli Studi di Modena e Reggio Emilia (Modena, Italia), 25th May 2022.
4. "Neurotossicità da CAR-T", teaching course "CAR-T on time" at Humanitas University (Milano, Italia), from 14th to 15th November 2022
5. "Neurotossicità da CAR-T", teaching course "nuove immunoterapie nel mieloma multiplo" at Humanitas University (Milano, Italia), from 3rd to 4th April 2023.
6. "Terapia medica nella nevralgia del trigemino", teaching course "Nevralgia del trigemino: un approccio multidisciplinare alla diagnosi e alla cura" at IRCCS Humanitas Research Hospital (Milano, Italia), 13th April 2023

### Co-supervisor for thesis projects at the Medicine & Surgery degree program

1. Alessia Pascazio MD "Terapia biologica dell'emicrania: studio osservazionale, real-life, sull'utilizzo di erenumab nel trattamento preventivo dell'emicrania episodica e cronica" 2019-2020. University of Bologna

2. Susanna Sammali MD "CAR T-cell therapy in BOlogNa - NEUrotoxicity TRreatment and Assessment in Lymphoma (CARBON-NEUTRAL): results from a prospective real-life study" 2022-2023. University of Bologna

3. Akanksha Agrawal MD "Integrating Artificial Intelligence (AI) for enhanced stroke care: prognostic modeling and large scale data management". 2022-2023. Humanitas University

## ★ SCIENTIFIC METRICS

- H-Index (Scopus) = 18
- Peer-reviewed journal articles (Pubmed) = 72 (40 as First/co-First or Last Author)
- Verified peer-reviews (Web Of Science)= 84
- Verified editor records (Web Of Science)= 10
- Book chapters = 8
- Clinical trials (sub-investigator) = 8

## ★ CURRENT NATIONAL AND INTERNATIONAL COLLABORATIONS

### International Research Study Groups

- Collaborator of the Global Burden of Disease (GBD) Study Group
- Member of "Neuroimmunology" EAN Scientific Panel
- Member of "Headache" EAN Scientific Panel
- Member of "Research and Fellows" EAN Panel
- Member of the Burden and Attitude to Resistant and Refractory (BURR) Migraine Study group
- Member of the Anti Platelet Therapy-emergent Carotid Artery Stenting (APT-eCAS) Collaboration
- Member of the European Headache Federation School of Advanced Studies (EHF-SAS)
- Member of the Global Neuro Research Coalition
- Member of the Act (Alteplase compared to Tenecteplase) trial study group (Canada)
- Member of the ESCAPE-CORE study group (Canada)
- Member of the ESCAPE-OPTIMUS study group (Canada)
- Member of the MCAHP study group (Canada)

### National Research Study Group

- Member of "Bioetica e Cure Palliative" SIN Study Group;
- Member of "Digital Technology, Web and Social Media al Servizio della Neurologia" SIN Study Group;
- Member of "Storia della Neurologia" SIN Study Group.
- Investigator of the "National Database of the Virtual Institute of Cerebrovascular Diseases" (BIG-MENTI)
- Member of the neuro-oncology, stroke and epilepsy study groups for "Rete IRCCS delle Neuroscienze e della Neuroriabilitazione"

### Scientific Society Affiliations

- Società Italiana di Neurologia (SIN)
- European Academy of Neurology (EAN)
- American Academy of Neurology (ANN)
- European Stroke Organization (ESO)
- Associazione Neruologia Emergenza Urgenza (ANEU)
- Associazione Neurologica Italiana per la Ricerca sulle Cefalee (ANIRCEF)
- Italian Stroke Association-Associazione Italiana Ictus (ISA-AII)

## ★ AWARDS

- **Elsevier Best Clinical Paper Award** at the XXV World Congress of Neurology (WCN 2021) with the study “Neurotoxicity related to CAR-T therapy: proposed protocol and preliminary data from Bologna”
- “**2022 Trainee Highlights**” by the "American Headache Society"  
<https://headachejournal.onlinelibrary.wiley.com/doi/epdf/10.1111/head.14280>  
(selected as "Future Headache Scientist and Leader" in a paper published in the journal "Headache")

## ★ PEER-REVIEWED JOURNAL ARTICLES

1. **Pensato U**, Tanka K, Horn M et al. Co-localization of NCCT hypodensity and CTA spot sign predicts substantial intracerebral hematoma expansion: the Black-&White sign. *Eur J Stroke* 2024 (in press)
2. **Pensato U\***, Demchuk AM, Ospel JM. Reader Response: Factors Associated With Fast Early Infarct Growth in Patients With Acute Endovascular Stroke With a Large Vessel Occlusion. *Neurology* 2024 (in press)
3. Tanaka K, Kaveeta C, **Pensato U** et al. Combining early ischemic change and collateral extent for functional outcomes after endovascular therapy. *Stroke*. 2024 Jul;55(7):1758-1766.
4. **GBD 2021 Diseases and Injuries Collaborators**. Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 Apr 15:S0140-6736(24)00757-8
5. **GBD 2021 Causes of Death Collaborators**. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 Apr 3:S0140-6736(24)00367-2.
6. **Pensato U\***, Cortelli P. Soccer (football) and brain health. *J Neurol*. 2024 Apr 1. doi: 10.1007/s00415-024-12320-5.
7. Santos JV... **GBD 2019 EU State of Health Collaborators**; Freitas A, Devleesschauwer B. The state of health in the European Union (EU-27) in 2019: a systematic analysis for the Global Burden of Disease study 2019. *BMC Public Health*. 2024 May 22;24(1):1374.
8. **GBD 2021 Forecasting Collaborators**. Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2204-2256.
9. **GBD 2021 Nervous System Disorders Collaborators**. Global, regional, and national burden of disorders affecting the nervous system, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet Neurol*. 2024 Apr;23(4):344-381.
10. **Pensato U\***, Pondrelli F, de Philippis C et al. Primary vs. pre-emptive anti-seizure medication prophylaxis in anti-CD19 CAR T-cell therapy. *Neurol Sci*. 2024 Mar 21.
11. **GBD 2021 Fertility and Forecasting Collaborators**. Global fertility in 204 countries and territories, 1950-2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 Mar 19:S0140-6736(24)00550-6.
12. **GBD 2021 Risk Factors Collaborators**. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet*. 2024 May 18;403(10440):2162-2203. doi: 10.1016/S0140-6736(24)00933-4.
13. **Pensato U\***, Forlivesi S, Zini A. Reader Response: IV Thrombolysis vs Early Dual Antiplatelet Therapy in Patients With Mild Noncardioembolic Ischemic Stroke. *Neurology*. 2024 Mar 12;102(5):e209234.

14. **GBD 2021 Demographics Collaborators.** Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950-2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. *Lancet.* 2024 Mar 8;S0140-6736(24)00476-8.
15. **Pensato U,** Lun R, Demchuk A. Thrombectomy in Medium to Large Ischemic Core: Do Patients Still Need to Be SELECTed? *JAMA.* 2024 Mar 5;331(9):736-738.
16. Sferruzza G, Consoli S... **Pensato U.** A systematic review of immunotherapy in high-grade glioma: learning from the past to shape future perspectives. *Neurol Sci.* 2024 Feb 3. doi: 10.1007/s10072-024-07350-w.
17. Calabrò C, Di Tillo E, **Pensato U** et al. Migraine chronification as an allostatic disorder: a proof-of-concept study. *Neurol Sci.* 2024 Jan 23.
18. **Pensato U\***, de Philippis C, Mannina D et al. Status Epilepticus Related to CAR T-Cell Therapy Responsive to Anakinra. *Can J Neurol Sci.* 2024 Jan 18:1-3.
19. **Pensato U,** Cevoli S, Pierangeli G et al. The evolutionary meaning of Migraine. *Cephalalgia.* 2023 Dec;43(12):3331024231209303
20. De Lorenzo A, Lazzarin SM ... **Pensato U\***. Carotid free-floating thrombus stemming from carotid web: co-occurrence of two rare causes of stroke. *BMC Neurol.* 2023 Nov 8;23(1):399.
21. Doneddu PE\*\*, **Pensato U\*\*,** Iorfida A et al. Neuropathic Pain in the Emergency Setting: Diagnosis and Management. *J Clin Med.* 2023 Sep 18;12(18):6028.
22. **GBD 2019 IMID Collaborators.** Global, regional, and national incidence of six major immune-mediated inflammatory diseases: findings from the global burden of disease study 2019. *EClinicalMedicine.* 2023 Sep 9;64:102193.
23. **GBD 2019 Meningitis Antimicrobial Resistance Collaborators.** Global, regional, and national burden of meningitis and its aetiologies, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurol.* 2023 Aug;22(8):685-711. doi: 10.1016/S1474-4422(23)00195-3.
24. **Pensato U\***, Romoli M, Zini A. Reader Response: Association Between Net Water Uptake and Functional Outcome in Patients With Low ASPECTS Brain Lesions: Results From the I-LAST Study. *Neurology.* 2023 Jul 25;101(4):191-192.
25. Conti S, Fornari C ... **Pensato U** et al. Time-Trends in Air Pollution Impact on Health in Italy, 1990-2019: An Analysis From the Global Burden of Disease Study 2019. *Int J Public Health.* 2023 Jun 2;68:1605959
26. Al-Hassany L, Creeny A ... **Pensato U** et al. Future Targets for Migraine Treatment beyond CGRP. *J Headache Pain.* 2023 Jun 28;24(1):76.
27. Diana F, Abdalkader M, Behme D ... **APT-eCAS Collaboration.** Antithrombotic regimen in emergent carotid stenting for acute ischemic stroke due to tandem occlusion: a meta-analysis of aggregate data. *Journal of NeuroInterventional Surgery* Published Online First: 25 April 2023. doi: 10.1136/jnis-2023-020204
28. Tamborska AA, Wood GK, Westenberg E ... **Global Neuro Research Coalition.** Global uncertainty in the diagnosis of neurological complications of SARS-CoV-2 infection by both neurologists and non-neurologists: An international inter-observer variability study. *Journal of the Neurological Sciences* 2023;449:120646.
29. Muccioli L, Sighinolfi G ... **Pensato U** et al. Cognitive and functional connectivity impairment in post-COVID-19 olfactory dysfunction. *NeuroImage: Clinical* 2023;38:103410.
30. **Pensato U,** Forlivesi S, Gentile M, et al. Carotid Free-Floating Thrombus in COVID-19: A cerebrovascular disorder of cytokine storm-related immunothrombosis. *Neurol Sci.* 2023 Feb 18:1-6.
31. **Pensato U,** Amore G, Muccioli L, et al. CAR t-cell therapy in BologNa-NEUrotoxicity Treatment and Assessment in Lymphoma (CARBON-NEUTRAL): proposed protocol and results from an Italian prospective real-life study. *J Neurol.* 2023 Mar 4. doi: 10.1007/s00415-023-11595-4.
32. Agrawal A, Lazzarin SM ... **Pensato U\***. Clinical Reasoning: acute monocular vision loss in a patient with ipsilateral extracranial internal carotid artery occlusion. *Neurology.* 2023 Mar 1:10.1212/WNL.000000000207167.
33. Al-Hassany L, Lyons HS ... **Pensato U** et al. The Sense of Stopping Migraine Prophylaxis. *J Headache Pain.* 2023 Feb 16;24(1):9. doi: 10.1186/s10194-023-01539-8.

34. Onofri A, **Pensato U**, Rosignoli C, et al. Primary Headache Epidemiology in Children and Adolescents: Systematic Review and Meta-Analysis. *J Headache Pain*. 2023 Feb 14;24(1):8. doi: 10.1186/s10194-023-01541-0.
35. **Pensato U**, de Philippis C, Pistolese F, et al. Reversible punctate inflammatory foci in the corpus callosum: A novel radiological finding of CAR T-cell therapy-related neurotoxicity. *Front Neurol*. 2023 Feb 7;14:1125121. doi: 10.3389/fneur.2023.1125121.
36. **Pensato U\***, Romoli M, Zini A. Reader Response: Normobaric Hyperoxia Combined with Endovascular Treatment for Acute Ischemic Stroke. *Neurology*. 2022 Dec 6;99(23):1068-1069. doi: 10.1212/WNL.0000000000201589.
37. **Pensato U\***, Romoli M, Lazzarin SM et al. The shortage of thrombolytics in stroke: a call for action. *Lancet Neurol*. 2023 Jan;22(1):28.
38. **GBD 2019 Antimicrobial Resistance Collaborators**. Global mortality associated with 33 bacterial pathogens in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2022 Nov 18;S0140-6736(22)02185-7.
39. Muccioli L\*\*, **Pensato U\*\***, Guarino M, et al. Syndrome of inappropriate antidiuresis as a maladaptive stress response shared by coronavirus disease 2019 and other cytokine storm disorders. *Eur J Intern Med*. 2022 Sep;103:113-114.
40. Zini A, **Pensato U**, Forlivesi S. Reader Response: Early Neurologic Deterioration in Lacunar Stroke: Clinical and Imaging Predictors and Association With Long-term Outcome. *Neurology*. 2022 Aug 2;99(5):219.
41. **Pensato U**, Muccioli L, Zinzani P, et al. Fulminant cerebral edema following CAR T-cell therapy: case report and pathophysiological insights from literature review. *J Neurol*. 2022 Apr 8.
42. **Pensato U\***, Guarino M, Muccioli L. The role of neurologists in the era of cancer immunotherapy: Focus on CAR T-cell therapy and immune checkpoint inhibitors. *Front Neurol*. 2022 Jul 19;13:936141.
43. Armocida B, Monasta L ... **GBD 2019 Europe NCDs in Adolescents Collaborators** et al. Burden of non-communicable diseases among adolescents aged 10-24 years in the EU, 1990-2019: a systematic analysis of the Global Burden of Diseases Study 2019. *Lancet Child Adolesc Health*. 2022 Mar 24;S2352-4642(22)00073-6.
44. **Pensato U**, Baraldi C, Favoni V, et al. Detoxification vs. non-detoxification before starting an anti-CGRP monoclonal antibody in medication overuse headache. *Cephalalgia*. 2022 Feb 9;3331024211067791.
45. Guerzoni S, Baraldi C, **Pensato U**, et al. Chronic migraine evolution after 3 months from erenumab suspension: real-world-evidence-life data. *Neurol Sci*. 2022 Jan 11.
46. Muccioli L\*\*, **Pensato U\*\***, Di Vito L et al. Claustrium sign in febrile infection-related epilepsy syndrome (FIRES). *Neurology*. 2022 Mar 8;98(10):e1090-e1091.
47. **Pensato U**, Amore G, D'Angelo R et al. Frontal predominant encephalopathy with early paligraphia as a distinctive signature of CAR T-cell therapy-related neurotoxicity. *J Neurol*. 2021 Aug 23:1-7.
48. **Pensato U**, Baraldi C, Favoni V, et al. Real-life Assessment of Erenumab in Refractory Chronic Migraine with Medication Overuse Headache. *Neurol Sci*. 2021 Jul 5. doi: 10.1007/s10072-021-05426-5.
49. **Pensato U**, Pizza F, Plazzi G. Myasthenic or cataplectic facies? Ice pack test response in paediatric type 1 narcolepsy. *Sleep Med*. 2021 Nov;87:20-21. doi: 10.1016/j.sleep.2021.06.045.
50. Rossi S, Amore G, **Pensato U**, et al. Clinical Reasoning: A 79-Year-Old Woman With Subacute Bilateral Visual Loss. *Neurology*. 2021 May.
51. Foschi M, Pavolucci L ... **Pensato U** et al. Clinicoradiological Profile and Functional Outcome of Acute Cerebral Venous Thrombosis: A Hospital-Based Cohort Study. *Cureus*. 2021 Sep 12;13(9):e17898.
52. **Pensato U\***, Matteo E, Cevoli S. The unforgivable curse of Harry Potter's thunderclap headaches. *Headache*. 2021 Sep;61(8):1287-1290. doi: 10.1111/head.14205.
53. **Pensato U\***, Muccioli L, Janigro D et al. Akinetic mutism in COVID-19-related encephalopathy: A cytokine-mediated maladaptive sickness behavioral response? *Brain Behav Immun Health*. 2021 Aug;15:100272.
54. Muccioli L\*\*, **Pensato U\*\***, Bernabè G et al. Intravenous immunoglobulin therapy in COVID-19-related encephalopathy. *J Neurol*. 2020 Oct 8:1-5.

55. Matteo E\*\*, **Pensato U\*\***, Favoni V et al. Do anti-CGRP drugs have a role in migraine aura therapy? *J Neurol.* 2021 Jun;268(6):2273-2274.
56. Sacco S, Lampl C ... **BARR Study Group**. Burden and attitude to resistant and refractory migraine: a survey from the European Headache Federation with the endorsement of the European Migraine & Headache Alliance. *J Headache Pain.* 2021 May 18;22(1):39.
57. **Pensato U**, Muccioli L, Cani I, et al. Brain dysfunction in COVID-19 and CAR-T therapy: cytokine storm-associated encephalopathy. *Ann Clin Transl Neurol.* 2021 Apr;8(4):968-979.
58. **Pensato U**, Strocchi E, Cortelli P, et al. [Orthostatic hypotension and supine hypertension: a practical guide to diagnosis and management]. *G Ital Cardiol (Rome).* 2021 Jan;22(1):42-52.
59. **Pensato U**, Giammello F, Baldini T, et al. The domino effect of acephalgic spontaneous intracranial hypotension. *Neurol Sci.* 2021 Jan;42(1):309-312.
60. Muccioli L\*\*, **Pensato U\*\***, Cani I, et al. COVID-19-related encephalopathy presenting with aphasia resolving following tocilizumab treatment. *J Neuroimmunol.* 2020 Dec 15;349:577400.
61. Altamura C, Cevoli S ... **Pensato U** et al. Locking down the CGRP pathway during the COVID-19 pandemic lockdown: the PandeMig study. *Neurol Sci.* 2020 Dec;41(12):3385-3389.
62. Cevoli S, **Pensato U**, Favoni V. Moving closer to the ideal migraine acute treatment. *Neurol Sci.* 2020 Dec;41(Suppl 2):381-382.
63. Matteo E, Favoni V, Pascazio A, **Pensato U** et al. Erenumab in 159 high frequency and chronic migraine patients: real-life results from the Bologna Headache Center. *Neurol Sci.* 2020 Dec;41(Suppl 2):483-484.
64. **Pensato U**, Favoni V, Pascazio A, **Pensato U** et al.. Erenumab efficacy in highly resistant chronic migraine: a real-life study. *Neurol Sci.* 2020 Dec;41(Suppl 2):457-459.
65. **Pensato U\***, Russo C, Favoni V, et al. Clinical and radiological prognostic factors in spontaneous intracranial hypotension: a case series. *Neurol Sci.* 2020 Dec;41(Suppl 2):475-477.
66. **Pensato U**, Cevoli S, Cirillo L. Vessel Wall Imaging in Thunderclap Headache: A Reversible Cerebral Vasoconstriction Syndrome (RCVS) Case. *Headache.* 2020 Nov;60(10):2633-2635.
67. **Pensato U**, Muccioli L, Pasini E, et al. Encephalopathy in COVID-19 Presenting With Acute Aphasia Mimicking Stroke. *Front Neurol.* 2020 Oct 19;11:587226.
68. Muccioli L, **Pensato U**, Cani I, et al. COVID-19-Associated Encephalopathy and Cytokine-Mediated Neuroinflammation. *Ann Neurol.* 2020 Oct;88(4):860-861.
69. Pasini E, Bisulli F ... **Pensato U** et al. EEG findings in COVID-19 related encephalopathy. *Clin Neurophysiol.* 2020 Sep;131(9):2265-2267.
70. **Pensato U**, Benini M, Fabbri VP, et al. Headache and Dural Enhancement: Two Case Studies of Different Treatable Pathologies. *World Neurosurg.* 2020 Sep;141:306-310.
71. **Pensato U\***, D'Angelo R, Rinaldi R, et al. Room tilt illusion and persistent hiccups as presenting symptoms of a left PICA stroke: a case report. *Neurol Sci.* 2020 Feb;41(2):469-471.
72. D'Addio F, Margonato D, **Pensato U**, et al. Novel therapeutic and diagnostic management of heart transplant patients. *Heart Lung Vessel.* 2015;7(3):198-207.

\* Corresponding Author; \*\* Co-First Author

## ★ EDITORIAL ACTIVITIES

○ Editorial Board Member for "BMC Neurology"

Reviewer Editor in "Stroke" and "Headache and Neurogenic Pain" for *Frontiers in Neurology*

Reviewer ad hoc for: *Nature Review Disease Primer*; *Annals of Internal Medicine*; *JAMA Network Open*; *International Journal of Surgery*; *Neurology*; *Journal of Headache and Pain*, *Frontiers in Neurology*; *Frontiers in Oncology*; *Frontiers in Pediatrics*; *Pain & Therapy*; *Cephalalgia*; *Cephalalgia Reports*; *Neurological Sciences*; *BMJ Open*; *BMC*

Neurology; Neuropsychiatric Disease and Treatment; Journal of Pain and Research; Journal of Stroke and Cerebrovascular Diseases; International Immunopharmacology; Autonomic Neuroscience: Basic and Clinical.

## ★ BOOK CHAPTERS

1. Chapter title: "Neurological diseases". Book title: "Soccer Diseases"  
Authors: P. Cortelli & **U. Pensato**. Editor Sandro Giannini, Griffin Editor 2020
2. Chapter title: "Valutazione della funzionalità del Sistema nervosa vegetativo". Book title: "Neurologia clinica"  
Authors: P. Cortelli & **U. Pensato**. Editors Paolo Barone and Ubaldo Bonucelli, Edilson Gnocchi Editor, 2021
3. Chapter title: "Cefalee". Book title: "Neurologia clinica"  
Authors: P. Calabresi, P. Cortelli, **U. Pensato** & M. Romozzi. Editors Paolo Barone and Ubaldo Bonucelli, Edilson Gnocchi Editor, 2021
4. Chapter title: "Patologie del Sistema nervosa periferico e vegetativo". Book title: "Neurologia clinica"  
Authors: L. Santoro, A. Schenone, P. Cortelli, S. Tozza & **U. Pensato**. Editors Paolo Barone and Ubaldo Bonucelli, Edilson Gnocchi Editor, 2021
5. Chapter title: "Disuassefazione da analgesici". Book title: "Affrontare l'emicrania"  
Authors: S. Cevoli, **U. Pensato** & V. Favoni. Editor Piero Barbanti, Edizione Minerva Medica, 2021
6. Chapter title: "Migraine and autonomic nervous system". Book title: "Primer on the Autonomic Nervous System, Fourth Edition"  
Authors: P. Cortelli, **U. Pensato**, G. Pierangeli. Editors Italo Baggioni, Kirsteen Browning, Gregory Fink, Jens Jordan, Phillip Low and Julia Paton. Elsevier Editor, 2023
7. Chapter title: "Migraine". Book Title: "Autonomic Disorders in Clinical Practice".  
Authors: P. Cortelli, **U. Pensato**. Editors Giuseppe Miceli, Max Hiltz, Pietro Cortelli. Springer International Publishing, 2027.
8. Italian Translation of "Aids to the peripheral nervous system examination" fifth Edition on Behalf of the Guarantors of Brain, 2021.  
Author: **U. Pensato**

## ★ CLINICAL TRIALS ACTIVITY (SUB-INVESTIGATOR)

1. "A Study of Lasmiditan (LY573144) Over Four Migraine Attacks" (Ely Lilly and Company). ClinicalTrials.gov Identifier: NCT03670810
2. "Clinical Effect of Amprexetine (TD-9855) for Treating nOH in Subjects With Primary Autonomic Failure" (Theravance Biopharma).  
ClinicalTrials.gov Identifier: NCT03750552
3. "Clinical Effect Durability of Amprexetine (TD-9855) for Treating snOH in Subjects With Primary Autonomic Failure". (Theravance Biopharma)  
ClinicalTrials.gov Identifier: NCT03829657
4. "Randomized Controlled Trial of Lasmiditan Over Four Migraine Attacks (The CENTRION study)". (Ely Lilly)
5. "Interventional, randomized, double-blind, parallel-group, placebo-controlled study with an extension period to evaluate the efficacy and safety of eptinezumab for the prevention of migraine in patients with unsuccessful prior preventive treatments" (DELIVER, Lundbeck)
6. "A Phase 4, Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Evaluate the Efficacy and Safety of Erenumab in Adults With Chronic Migraine and Medication Overuse Headache". (Amgen)
7. "Comprehensive Assessment of Erenumab Efficacy in Subjects With High Frequency Episodic Migraine With at Least 1 Previously Failed Preventive Treatment: a Global, Double-blind, Placebo-controlled Phase 4 Study" (Amgen)

8. Eptinezumab in Patients with Episodic Cluster Headache (ALLEVIATE, Lundbeck).  
ClinicalTrials.gov Identifier: NCT0468875.

Consultant neurology for several RCTs on chimeric antigen receptor (CAR) T-cells therapy in refractory haematological cancer patients.

## ★ CONGRESS SPEAKER ACTIVITY

### Selected Speaker

1. “Erenumab in highly refractory Chronic Migraine patients with Medication Overuse Headache: a single centre real-life study”, 14th EHF Congress (Virtual), from 29th June to 2nd July 2020.
2. “Clinical and radiological prognostic factors in spontaneous intracranial hypotension: a case series”, X congresso nazionale ANIRCEF (Virtual), from 10th to 12th December 2020.
3. “Real-life Assessment of Erenumab in Refractory Chronic Migraine with Medication Overuse Headache”, X congresso nazionale ANIRCEF (Virtual), from 10th to 12th December 2020.
4. “Neurotoxicity-related to CAR-T therapy: proposed protocol and preliminary data from Bologna”, XXV World Congress of Neurology (Virtual), from 3rd to 7th October 2021.
5. “CAR T-cell therapy in BologNa – NEUrotoxicity Treatment and Assessment in Lymphoma: the CARBON-NEUTRAL study”, 8th EAN congress (Vienna, Austria), from 25th to 28th June 2022.

## ★ PATENTS

"Dynamic cocktail": a novel technique to prepare cocktails that exploits the different physical properties and freezing temperatures of alcoholic substances in order to achieve a progressive modification of the drink's taste, color, and alcohol content over time (n=102022000001526; status= pending)

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25-July-2024