

## **Curriculum Vitae**

of Luigi Cirillo M.D., born in Naples, April 08rd 1981:

- Degree in Medicine and Surgery (M.D.), University of Naples, Italy, July, 2005, 110/110, Thesis on treatment of intracranial aneurysms.
- Board on Radiology, University of Naples, Italy, January 1th, 2010, 70/70, Thesis on use of flow-diverting stents in the treatment of aneurysms.
- Assistant Professor of Neuroradiology, University of Bologna, Italy – 2010
- MD of IRCCS Institute of Neurological Science of Bologna, Bologna, Italy – 2010
- Associate Professor of Neuroradiology, University of Bologna, Italy – 2019

## **RESEARCH INTERESTS**

- Application of new devices to treat intracranial aneurysms and others cranial and spinal vascular malformations
- Advanced imaging studies of spinal and cervico–cranial vascular diseases (dynamic and HR CT and MR imaging; Vessel Wall imaging; OCT endovascular imaging)
- Application of neurovascular treatment of intracranial vascular malformations and aneurysms
- Oxygen-Ozon Therapy and treatment of disc herniation and degenerative spine chronic pain.
- Application of advanced MRI technique in neuro-oncology, in epilepsy and neuro-degenerative pathology

## **TEACHING**

In the last 5 years I gave several (more than 600 hours of frontal lessons) courses and lectures as theacher in Diagnostic and Interventional Neuroradiology at the University of Bologna to undergraduates, postgraduates and radiographers.

Director of the Master in Vascular Radiology, Interventional and Neuroradiology of University of Bologna from 2015

Director of the School of Specialization Radiology from 2022, Department of Biomedical and Neuromotor Sciences – Alma Mater Studiorum – University of Bologna

Co-tutor PhD in Biomedical and Neuromotor Sciences (2021-2022) Alma Mater Studiorum - University of Bologna

## **HONORS AND AWARDS**

2010 “Marco Polo” grant (5.000 Euro), awarded by the University of Bologna to accomplish a Diagnostic and Interventional Neuroradiology research study at Division of Neuroradiology of UPenn, University of Pennsylvania Health System, Philadelphia

Professional program in medicine “Advanced Diagnostics and Interventional Neuroradiological Techniques of Vascular and Tumor Pathology of the CNS” – IRCCS Istituto delle Scienze Neurologiche di Bologna DI – N. 30 of 3/2/2017

Professional program in medicine “Development and implementation of innovative diagnostic-therapeutic techniques in cerebrovascular pathologies” - IRCCS Istituto delle Scienze Neurologiche di Bologna DI – N. 277 of 29/07/2021

2018 “RICERCA MEDICA E ALTA TECNOLOGIA” grant (60.000 Euro), awarded by Fondazione CARISBO to accomplish “HR-VWMRI and OCT pre-treatment and post-treatment evaluation for Carotid Artery Stenosis eligible for CAS” research study.

## **PUBLICATIONS**

- 1) D’auria V., Bartiromo F., Cirillo L., Napoli M., Senese R., Nastri A., Faiella E., Elefante A.: Ruolo della TC e della RMN nella diagnosi di mucocele sfenoidale. *Ant. Med. It.* Vol. XXV, 2005
- 2) D’auria V., Cirillo L., Nastri A., Bartiromo F., Senese R., D’Auria T.: Evoluzione di un condrosarcoma mesenchimale: descrizione di un caso. *Ant. Med. It.* Vol. XXV, 2005
- 3) D’auria V., Cirillo L., Bartiromo F., Nastri A., Napoli M., D’Auria T., Elefante A.: Localizzazioni atipiche di un adenoma pleomorfo: descrizione di 2 casi. *Ant. Med. It.* Vol. XXV, 2005
- 4) La Tessa G., Pasqualetto L., Catalano G., Marino M., Gargano C., Cirillo L., Zenna L., Montemarano E., Strabella G.: Traumatic Carotid Cavernous Fistula: Failure of Endovascular Treatment with Two Stent-Grafts. *Interventional Neuroradiology* 11:369-375, 2005
- 5) D’auria V., Cirillo L., Montemarano E., Sorbo A., Bartiromo F., De Simone F., Caranci F., D’amico A.: Cisti epidermoide intraassiale: descrizione di un caso studiato con Diffusione e Spettroscopia-RM. *Ant. Med. It.* Vol. XXVI, 2006
- 6) Cirillo L., Montemarano E., Sorbo A., Sasso F., De Simone F.: Studio neuroradiologico di un cordoma condroide del basicranio. *Ant. Med. It.* Vol. XXVI, 2006
- 7) Pellegrino L., Tortora F., Di Lauro A., Aiello A., Napoletano F., Sorbo A., Montemarano E., Cirillo L., Caranci F.: Terapia odontoiatrica: possibile fattore di rischio per dissecazione “spontanea” carotidea? *Ant. Med. It.* Vol. XXVI, 2006
- 8) Esposito F., Cirillo M., Aragri A., Caranci F., Cirillo L., Di Salle F., Cirillo S.: Non-Inferential Multi-Subject Study of Functional Connectivity during Visual Stimulation. *The Neuroradiology Journal* 19:711-715, 2006
- 9) Caranci F., Cirillo L., Bartiromo F., Ferraioli M., Del Basso De Caro M. L., Esposito F., Cappabianca P., Brunetti A., Elefante R.: Ectopic Suprasellar Pituitary Adenoma. A Case Report. *The Neuroradiology Journal* 19:731-735, 2006

- 10) Conforti R., Tagliatalata G., Scuotto A., D'Agostino V., Cirillo M., Cirillo L., Barone A., Giordano A., Parlato C., Moraci A., Cirillo S.. Giant Intracranial Chordoma: Neuroradiological and Radiotherapeutic Aspects. *The Neuroradiology Journal* 19:736-747, 2006
- 11) Bartiromo F., Cirillo L., Caranci F., Elefante A., D'Amico A., Tortora F., Brunetti A., Cirillo S.. Trigeminal Perineural Spread of Head and Neck Tumors. *The Neuroradiology Journal* 20:116-123, 2007
- 12) Caranci F., Bartiromo F., Cirillo L., Aiello A., Cirillo S., Brunetti A.. Thalamic Changes in Mesial Temporal Sclerosis: a Limbic System Pathology. A case Report *The Neuroradiology Journal* 20:218-223, 2007
- 13) Caranci F., Longobardo I., Cirillo L., Aiello A., Elefante A., Elefante R.. Shock anafilattico e danno ischemico cerebrale da puntura di ape: a proposito di un caso. *Poseidonia Medicina* 30: 3-5, 2007.
- 14) Briganti F., Tortora F., Marseglia M., Napoli M., Cirillo L.. Covered Stent Implantation for the Treatment of Direct Carotid-Cavernous Fistula and Its Mid-Term Follow-up. *Interventional Neuroradiology* 15, N.2; june 2009
- 15) Marliani A. F., Maffei M., Cirillo L., Leonardi M.. An Ischaemic Thalamic Lesion Extending to the Mammillothalamic Tract Associated with Absent Ipsilateral Mammillary Body in a Patient with Temporal lobe Epilepsy A Case Report. *The Neuroradiology Journal* 22:550-553; 2009.
- 16) Toni F., Marliani A.F., Cirillo L., Battaglia S., Princiotta C., Dall'Olio M., Simonetti L., Leonardi M.. 3T MR in the evaluation of brain aneurysms treated with flow-diverting stent. *The Neuroradiology Journal* 22:588-599; 2009.
- 17) Cirillo L., Dall'Olio M., Princiotta C., Simonetti L., Stafa A., Toni F., Leopardi M.. The Use of Flow-Diverting Stents in the Treatment of Giant Cerebral Aneurysms: Preliminary Results. *The Neuroradiology Journal* 23:220-224; 2010.
- 18) Toni F., Cirillo L., Marliani A.F., Albini Riccioli L., Leonardi M.. Role of Contrast-Enhanced Magnetic Resonance Angiography in Spinal Dural Arterovenous Fistula. *The Neuroradiology Journal* 23:234-243; 2010.
- 19) Leopardi M, Cirillo L., Toni F., Dall'Olio M, Princiotta C, Stafa A, Simonetti L, Agati R. Treatment of intracranial aneurysms using flow-diverting silk stents (BALT): a single centre experience. *Interv Neuroradiol.*;17(3):306-15; 2011
- 20) Princiotta C, Dall'Olio M, Cirillo L., Leonardi M.. Staged treatment of a blood blister-like aneurysm with stent-assisted coiling followed by flow diverter in-stent insertion. A case report. *Interv Neuroradiol.*;17(3):365-70; 2011
- 21) Stagni S, de Santis F, Cirillo L, Dall'olio M, Princiotta C, Simonetti L, Stafa A, Leonardi M. A minimally invasive treatment for lumbar disc herniation: DiscoGel® chemonucleolysis in patients unresponsive to chemonucleolysis with oxygen-ozone. *Interv Neuroradiol* 18(1):97-104 2012.

- 22) Briganti F, Napoli M, Tortora F, Solari D, Bergui M, Boccardi E, Cagliari E, Castellan L, Causin F, Ciceri E, Cirillo L, De Blasi R, Delehaye L, Di Paola F, Fontana A, Gasparotti R, Guidetti G, Divenuto I, Iannucci G, Isalberti M, Leonardi M, Lupo F, Mangiafico S, Manto A, Menozzi R, Muto M, Nuzzi NP, Papa R, Petralia B, Piano M, Resta M, Padolecchia R, Saletti A, Sirabella G, Bolgè LP. Italian multicenter experience with flow-diverter devices for intracranial unruptured aneurysm treatment with periprocedural complications-a retrospective data analysis. *Neuroradiology* 54(10):1145-529; 2012
- 23) Gooya A, Pohl KM, Bilello M, Cirillo L, Biros G, Melhem ER, Davatzikos C.: GLISTR: glioma image segmentation and registration. *IEEE Trans Med Imaging* 31(10):1941-1954; 2012
- 24) Cirillo L, Leonardi M, Dall'Olio M, Princiotta C, Stafa A, Simonetti L, Toni F, Agati R.: Complications in the treatment of intracranial aneurysms with silk stents: an analysis of 30 consecutive patients. *Interventional Neuroradiol* 18(4):413-25; 2012
- 25) Caranci F, Briganti F, Cirillo L, Leonardi M, Muto M. : Epidemiology and genetics of intracranial aneurysms. *Eur J Radiol*. 2013 Feb
- 26) M. Bilello, M. Arkuszewski, P. Nucifora, I. Nasrallah, E.R. Melhem, L. Cirillo, J. Krejza. Multiple Sclerosis: Identification of Temporal Changes in Brain Lesions with Computer-Assisted Detection Software. *The Neuroradiology Journal*; 26: 143-150; 2013
- 27) G. Moscato, L. Cirillo, M. Dall'Olio, C. Princiotta, L. Simonetti, M. Leonardi: Management of Unruptured Brain Aneurysms: Retrospective Analysis of a Single Centre Experience. *The Neuroradiology Journal* 26: 315-319; 2013
- 28) M. Dall'Olio, F. Calbucci, A. Fioravanti, C. Bortolotti, L. Cirillo, C. Princiotta, M. Leonardi: Revascularized Giant Aneurysm of the Anterior Communicating Artery after Surgery and Embolization, Occluded by Placement of a Leo+Baby Intracranial Stent. *The Neuroradiology Journal*. 26: 320-326; 2013
- 29) Temel S, Keklikoğlu HD, Vural G, Deniz O, Ercan K, Cirillo L, Krejza J.: Diffusion tensor magnetic resonance imaging in patients with multiple sclerosis and its relationship with disability. *Neuroradiol Journal* 26(5):591-3. Epub 2013
- 30) M. Cirillo, F. Scomazzoni, L. Cirillo, M. Cadioli, F. Simionato, A. Iadanza, M. Kirchin, C. Righi, N. Anzalone: Comparison of 3D TOF-MRA and 3D CE-MRA at 3T for imaging of intracranial aneurysms. *European Journal of Radiology*. 82(12):e853-9; 2013
- 31) Ruben Colla, Luigi Cirillo, Ciro Princiotta, Massimo Dall'Olio, Federico Menetti, Stefano Vallone, Marco Leonardi: Treatment of Wide-Neck Basilar Tip Aneurysms Using the Web II Device. *Neuroradiol Journal* Dec;26(6):669-77; 2013
- 32) Ambrosetto P, Nicolini F, Zoli M, Cirillo L, Feraco P, Bacci A: Ophthalmoplegic migraine: From questions to answers. *Cephalalgia*; Feb 24; 2014.
- 33) Budai C, Cirillo L, Patruno F, Dall'Olio M, Princiotta C, Leonardi M. Flat panel angiography images in the post-operative follow-up of surgically clipped intracranial aneurysms. *The Neuroradiology Journal* 27:203-206, 2014. 33.

- 34) Dall'Olio M, Princiotta C, Cirillo L, Budai C, de Santis F, Bartolini S, Serchi E, Leonardi M. Oxygen-ozone therapy for herniated lumbar disc in patients with subacute partial motor weakness due to nerve root compression. *Interv Neuroradiol.* 20:547-554, 2014.
- 35) Michelucci R, Pasini E, Marliani AF, Cirillo L. Teaching neuroimages: diffusion tensor tractography of cortico-ponto-cerebellar pathways in rasmussen encephalitis. *Neurology* 85:e15-e16, 2015.
- 36) Kapsas G, Budai C, Toni F, Patruno F, Marliani AF, Leonardi M, Cirillo L. Evaluation of CTA, time-resolved 4D CE-MRA and DSA in the follow-up of an intracranial aneurysm treated with a flow diverter stent: experience from a single case. *Interventional Neuroradiology* 21:69-71, 2015.
- 37) Sacchetti F, Stagni S, Spinardi L, Raumer L, Dentale N, Cirillo L. A singular case of cavernous internal carotid artery aneurysm in patient with cavernous sinus syndrome and bacterial meningitis. *Radiology Case Reports* 11:227-233, 2016.
- 38) Cirillo L, Toni F, Dall'Olio M, Princiotta C, Leonardi M. Aneurysmal and perianeurysmal changes after endovascular treatment: from inflammation to microbleed. A case report. *Clinical Neuroradiology* 26:239-242, 2016.
- 39) Ferrari F, Cirillo L, Calbucci F, Bartiromo F, Ambrosetto P, Fioravanti A, Leonardi M. Wall motion at 4D-CT angiography and surgical correlation in unruptured intracranial aneurysms: a pilot study. *Journal of Neurosurgery Science* 2016 May 18.
- 40) Abu Rumeileh S, Favoni V, Toni F, Pierangeli G, Oppi F, Calandra-Buonaura G, Milletti D, Maffei M, Cirillo L, Agati R, Palandri G, Cortelli P. *Clinical Autonomic Research* 2016 Aug 6.
- 41) Briganti F, Leone G, Cirillo L, Divitiis OD, Solari D, Cappabianca P (2017). Postprocedural, midterm, and long-term results of cerebral aneurysms treated with flow-diverter devices: 7-year experience at a single center. *NEUROSURGICAL FOCUS*, vol. 42, p. 3, ISSN: 1092-0684, doi: 10.3171/2017.3.FOCUS1732 WOS:000402558100003 SCOPUS 2-s2.0-85020091675
- 42) Brandes AA, Finocchiaro G, Zagonel V, Reni M, Fabi A, Caserta C, Tosoni A, Eoli M, Lombardi G, Clavarezza M, Paccapelo A, Bartolini S, Cirillo L, Agati R, Franceschi E (2017). Early tumour shrinkage as a survival predictor in patients with recurrent glioblastoma treated with bevacizumab in the AVAREG randomized phase II study. *ONCOTARGET*, vol. 8, p.55575-55581, ISSN:1949-2553, doi: 10.18632/oncotarget.15735
- 43) Favoni V, Pierangeli G, Toni F, Cirillo L, Morgia CL, Abu-Rumeileh S, Messia M, Agati R, Cortelli P, Cevoli S (2018). Idiopathic intracranial hypertension without papilledema (IIHWOP) in chronic refractory headache. *FRONTIERS IN NEUROLOGY*, vol. 9, p. 503, ISSN: 1664-2295, doi: 10.3389/fneur.2018.00503 WOS:000436310600002 SCOPUS 2-s2.0-85049091461
- 44) Catanese A, Malacario F, Cirillo L, Toni F, Zenesini C, Casolino D, Bacci A, Agati R. (2018). Application of intravoxel incoherent motion (IVIM) magnetic resonance imaging in the evaluation of primitive brain tumours. *THE NEURORADIOLOGY JOURNAL*, vol. 31, p. 4-9, ISSN: 1971-4009, doi: 10.1177/1971400917693025

- 45) RUSTICI A., PRINCIOTTA C., ZENESINI C., BORTOLOTTI C., STURIALE C., DALL'OLIO M., LEONARDI M., CIRILLO L. (2018). The influence of clinical and radiological parameters in treatment of ruptured intracranial aneurysms: a single center 7-year retrospective cohort study. *J NEUROSURG SCI*. 2018 Oct 10. doi: 10.23736/S0390-5616.18.04430-2.
- 46) Ezeldin M, Leonardi M, Princiotta C, Dall'Olio M, Tharwat M, Zaki M, Abdel-Wanis ME; Cirillo L (2018). Percutaneous ozone nucleolysis for lumbar disc herniation. *NEURORADIOLOGY*, vol 60, p. 1231-1241, ISSN:0028-3940, doi:10.1007/s00234-018-2083-4
- 47) Zoli M, Sollini G, Milanese L, La Corte E, Rustici A, Guaraldi F, Asioli S, Cirillo L, Pasquini E, Mazzatenta D. (2019) Endoscopic approaches to orbital lesions: case series and systematic literature review. *J Neurosurg*. 2020 Jan 3:1-13. doi: 10.3171/2019.10.JNS192138. Online ahead of print. PMID: 31899885
- 48) Favoni V, Pierangeli G, Cirillo L, Toni F, Abu-Rumeileh S, La Morgia C, Messia M, Agati R, Cortelli P, Cevoli S (2019) Transverse Sinus Stenosis in Refractory Chronic Headache Patients: An Observational Study. *Front Neurol*. 2019 Dec 12;10:1287. doi: 10.3389/fneur.2019.01287. eCollection 2019. PMID: 31920914
- 49) Romano DG, Frauenfelder G, Casseri T, Piano M, Vinci S, Comai A, Stecco A, Causin F, Asteggiano F, Paolucci A, Comelli C, Giorgianni A, Cirillo L, Ganci G, Cioni S, Pitrone A, Pero G, Papa R, Muto M, Saponiero R, Bracco S (2020) Efficacy of ADAPT with large-bore reperfusion catheter in anterior circulation acute ischemic stroke: a multicentric Italian experience. *Radiol Med*. 2020 Jan;125(1):57-65. doi: 10.1007/s11547-019-01069-x. Epub 2019 Aug 31. PMID: 314739294
- 50) Bortolotti C, Bertolini G, Sorenson TJ, Cirillo L, Lanzino G, Sturiale (2020) Multimodal Approach for Treatment of Hemorrhaged Mesencephalic Arteriovenous Malformation. *C. World Neurosurg*. 2020 Feb;134:292. doi: 10.1016/j.wneu.2019.09.028. Epub 2019 Sep 12. PMID: 31521752
- 51) Zini A, Romoli M, Gentile M, Migliaccio L, Picoco C, Dell'Arciprete O, Simonetti L, Naldi F, Piccolo L, Gordini G, Tagliatela F, Bua V, Cirillo L, Princiotta C, Coniglio C, Descovich C, Cortelli P. (2020) The stroke mothership model survived during COVID-19 era: an observational single-center study in Emilia-Romagna, Italy. *Neurol Sci*. 2020 Oct 8:1–5. doi: 10.1007/s10072-020-04754-2. Epub ahead of print. PMID: 33030622; PMCID: PMC7541754
- 52) Pensato U, Giammello F, Baldini T, Zaniboni A, Piccolo L, Arnone G, Gentile M, Cirillo L, Simonetti L, Isceri S, Zini A. (2020) The domino effect of acephalgic spontaneous intracranial hypotension. *Neurol Sci*. 2020 Sep 29. doi: 10.1007/s10072-020-04755-1. Epub ahead of print. PMID: 32989589.
- 53) Pensato U, Russo C, Favoni V, Cirillo L, Asioli GM, Cortelli P, Cevoli S, Pierangeli G. (2020) Clinical and radiological prognostic factors in spontaneous intracranial hypotension: a case series. *Neurol Sci*. 2020 Aug 26. doi: 10.1007/s10072-020-04664-3. Epub ahead of print. PMID: 32845492.
- 54) Cagnazzo F, Piotin M, Escalard S, Maier B, Ribo M, Requena M, Pop R, Hasiu A, Gasparotti R, Mardighian D, Piano M, Cervo A, Eker OF, Durous V, Sourour NA, Elhorany M, Zini A, Simonetti L, Marcheselli S, Paolo NN, Houdart E, Guédon A, Ligot N, Mine B, Consoli A, Lapergue B, Cordona Portela P, Urra X, Rodriguez A, Bolognini F, Lebedinsky PA, Pasco-Papon A, Godard S, Marnat G, Sibon I, Limbucci N, Nencini P, Nappini S, Saia V, Caldiera V, Romano

D, Frauenfelder G, Gallesio I, Gola G, Menozzi R, Genovese A, Terrana A, Giorgianni A, Cappellari M, Augelli R, Invernizzi P, Pavia M, Lafe E, Cavallini A, Giossi A, Besana M, Valvassori L, Macera A, Castellan L, Salsano G, Di Caterino F, Biondi A, Arquizan C, Lebreuche J, Galvano G, Cannella A, Cosottini M, Lazzarotti G, Guizzardi G, Stecco A, Tassi R, Bracco S, Bianchini E, Micieli C, Pascarella R, Napoli M, Causin F, Desal H, Cotton F, Costalat V; ET-COVID-19 Study Group\*. (2021) European Multicenter Study of ET-COVID-19. *Stroke*. 2021 Jan;52(1):31-39. doi: 10.1161/STROKEAHA.120.031514. Epub 2020 Nov 23. PMID: 33222617.

55) Sallustio F, Saia V, Marrama F, Pracucci G, Gandini R, Koch G, Mascolo AP, D'Agostino F, Rocco A, Argiro' R, Nezzo M, Morosetti D, Wlderk A, Da Ros V, Diomedei M, Renieri L, Nencini P, Vallone S, Zini A, Bigliardi G, Caragliano A, Francalanza I, Bracco S, Tassi R, Bergui M, Naldi A, Saletti A, De Vito A, Gasparotti R, Magoni M, Cirillo L, Commodaro C, Biguzzi S, Castellan L, Malfatto L, Menozzi R, Grisendi I, Cosottini M, Orlandi G, Comai A, Franchini E, D'Argento F, Frisullo G, Puglielli E, Casalena A, Causin F, Baracchini C, Boghi A, Chianale G, Augelli R, Cappellari M, Chiumarulo L, Petruzzellis M, Sgreccia A, Tosi P, Cavasin N, Critelli A, Semeraro V, Boero G, Vizzari F, Cariddi LP, Di Benedetto O, Pugliese P, Iacobucci M, De Michele M, Fusaro F, Moller J, Allegretti L, Tassinari T, Nuzzi NP, Marcheselli S, Sacco S, Pavia M, Invernizzi P, Gallesio I, Ruiz L, Zedda S, Rossi R, Amistà P, Russo M, Pintus F, Sanna A, Craparo G, Mannino M, Inzitari D, Mangiafico S, Toni D; Italian Registry of Endovascular Treatment in Acute Stroke (IRETAS) Collaborators. (2021) Mechanical Thrombectomy for Acute Intracranial Carotid Occlusion with Patent Intracranial Arteries : The Italian Registry of Endovascular Treatment in Acute Stroke. *Clin Neuroradiol*. 2021 Mar;31(1):21-29. doi: 10.1007/s00062-020-00980-5. Epub 2020 Dec 10. PMID: 33301052.

56) Rustici A, Merli E, Cevoli S, Donato MD, Pierangeli G, Favoni V, Bortolotti C, Sturiale C, Cortelli P, Cirillo L. (2021) Vessel-wall MRI in thunderclap headache: A useful tool to answer the riddle? *Interv Neuroradiol*. 2021 Apr;27(2):219-224. doi: 10.1177/1591019920979496. Epub 2020 Dec 10. PMID: 33302764; PMCID: PMC8050527.

57) Gramegna LL, Cortesi I, Mitolo M, Evangelisti S, Talozzi L, Cirillo L, Tonon C, Lodi R. (2021) Major cerebral vessels involvement in patients with MELAS syndrome: Worth a scan? A systematic review. *J Neuroradiol*. 2021 Sep;48(5):359-366. doi:10.1016/j.neurad.2021.02.002. Epub 2021 Feb 15. PMID: 33596430.

58) Bortolotti C, Bertolini G, Sorenson TJ, Acciarri N, Cirillo L, Lanzino G, Sturiale C. (2021) Combined Endovascular and Microsurgical Management of Unruptured, Partially Thrombosed, Giant, Internal Carotid Artery Aneurysm: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2021 Jul 15;21(2):E122-E123. doi:10.1093/ons/opab111. PMID: 33885824.

59) Mazzoli CA, D'Angelo MI, Simonetti L, Cirillo L, Zini A, Gentile M, Gordini G, Coniglio C. (2021) Angioedema after rt-PA infusion led to airway emergency: a case report of rescue treatment with fresh frozen plasma. *Braz J Anesthesiol*. 2021 Apr 28:S0104-0014(21)00188-3. doi: 10.1016/j.bjane.2021.04.023. Epub ahead of print. PMID: 33932385

60) Diana F, Vinci SL, Ruggiero M, Semeraro V, Bracco S, Frauenfelder G, Paolucci A, Cirillo L, Pesce A, Tessitore A, Commodaro C, Ganimede MP, Zanoni M, Saponiero R, Zini A, Velo M, Modello B, Burdi N, Cioni S, Simonetti L, Romano DG. (2021) Comparison of aspiration versus combined technique as first-line approach in terminal internal carotid artery occlusion: a multicenter experience. *J Neurointerv Surg*. 2021 Aug 4:neurintsurg-2021-017585. doi:10.1136/neurintsurg-2021-017585. Epub ahead of print. PMID: 34349012.

- 61) Cirillo L, Romano DG, Vornetti G, Frauenfelder G, Tamburrano C, Tagliatela F, Isceri S, Saponiero R, Napoletano R, Gentile M, Romoli M, Princiotta C, Simonetti L, Zini A. (2021) Acute ischemic stroke with cervical internal carotid artery steno-occlusive lesion: multicenter analysis of endovascular approaches. *BMC Neurol.* 2021 Sep 17;21(1):362. doi: 10.1186/s12883-021-02393-4. PMID: 34535118;PMCID: PMC8447719.
- 62) Giammello F, De Martino SRM, Simonetti L, Agati R, Battaglia S, Cirillo L, Gentile M, Migliaccio L, Forlivesi S, Romoli M, Princiotta C, Tonon C, Stagni S, Galluzzo S, Lodi R, Trimarchi G, Toscano A, Musolino RF, Zini A. (2021) Predictive value of Tmax perfusion maps on final core in acute ischemic stroke: an observational single-center study. *Radiol Med.* 2022 Feb 28. doi:10.1007/s11547-022-01467-8. Epub ahead of print. PMID: 35226245.
- 63) Merli E, Rustici A, Gramegna LL, Di Donato M, Agati R, Tonon C, Lodi R, Favoni V, Pierangeli G, Cortelli P, Cevoli S, Cirillo L. (2021) Vessel-wall MRI in primary headaches: The role of neurogenic inflammation. *Headache.* 2022 Feb 8. doi: 10.1111/head.14253. Epub ahead of print. PMID: 35137395.
- 64) Zoli M, Guaraldi F, Rustici A, Cirillo L, Asioli S, Mazzatenta D. Bilateral anterior circulation stroke: A rare but threatening consequence of pituitary apoplexy. Case report and systematic literature review. *Neuroradiol J.* 2022 Mar 27;19714009221083146. doi: 10.1177/19714009221083146. Epub ahead of print. PMID: 35343284.
- 65) Giammello F, De Martino SRM, Simonetti L, Agati R, Battaglia S, Cirillo L, Gentile M, Migliaccio L, Forlivesi S, Romoli M, Princiotta C, Tonon C, Stagni S, Galluzzo S, Lodi R, Trimarchi G, Toscano A, Musolino RF, Zini A. Predictive value of Tmax perfusion maps on final core in acute ischemic stroke: an observational single-center study. *Radiol Med.* 2022 Apr;127(4):414-425. doi: 10.1007/s11547-022-01467-8. Epub 2022 Feb 28. PMID: 35226245.
- 66) Po' C, Nosadini M, Zedde M, Pascarella R, Mirone G, Cicala D, Rosati A, Cosi A, Toldo I, Colombatti R, Martelli P, Iodice A, Accorsi P, Giordano L, Savasta S, Foadelli T, Sanfilippo G, Lefe E, Thyriion FZ, Polonara G, Campa S, Raviglione F, Scelsa B, Bova SM, Greco F, Cordelli DM, Cirillo L, Toni F, Baro V, Causin F, Frigo AC, Suppiej A, Sainati L, Azzolina D, Agostini M, Cesaroni E, De Carlo L, Di Rosa G, Esposito G, Grazian L, Morini G, Nicita F, Operto FF, Pruna D, Ragazzi P, Rollo M, Spalice A, Striano P, Skabar A, Lanterna LA, Carai A, Marras CE, Manara R, Sartori S. Pediatric Moyamoya Disease and Syndrome in Italy: A Multicenter Cohort. *Front Pediatr.* 2022 May 6;10:892445. doi: 10.3389/fped.2022.892445. PMID: 35601411; PMCID: PMC9120837.
- 67) Cirillo L, Rustici A, Toni F, Zoli M, Bartiromo F, Gramegna LL, Cicala D, Tonon C, Caranci F, Lodi R. Vessel Wall MRI: clinical implementation in cerebrovascular disorders-technical aspects. *Radiol Med.* 2022 Jun;127(6):645-651. doi: 10.1007/s11547-022-01484-7. Epub 2022 Apr 2. PMID: 35366709; PMCID: PMC9130152.
- 68) Vornetti G, Bartiromo F, Toni F, Dall'Olio M, Cirillo M, Speier P, Princiotta C, Schmidt M, Tonon C, Zacà D, Lodi R, Cirillo L. Follow-Up Assessment of Intracranial Aneurysms Treated with Endovascular Coiling: Comparison of Compressed Sensing and Parallel Imaging Time-of-Flight Magnetic Resonance Angiography. *Tomography.* 2022 Jun 18;8(3):1608-1617. doi: 10.3390/tomography8030133. PMID: 35736881; PMCID: PMC9227072.
- 69) Zoli M, Guaraldi F, Zenesini C, Acciarri N, Sollini G, Asioli S, Faustini-Fustini M, Agati R, Cirillo L, Tonon C, Lodi R, Pasquini E, Mazzatenta D. Role of endoscopic endonasal approach for



craniopharyngiomas extending into the third ventricle in adults. *Brain Spine*. 2022 Jun 30;2:100910. doi: 10.1016/j.bas.2022.100910. PMID: 36248121; PMCID: PMC9560538.

70) Diana F, Vinci SL, Ruggiero M, Semeraro V, Bracco S, Frauenfelder G, Paolucci A, Cirillo L, Pesce A, Tessitore A, Commodaro C, Ganimede MP, Zanoni M, Saponiero R, Zini A, Velo M, Modello B, Burdi N, Cioni S, Simonetti L, Romano DG. Comparison of aspiration versus combined technique as first-line approach in terminal internal carotid artery occlusion: a multicenter experience. *J Neurointerv Surg*. 2022 Jul;14(7):666-671. doi: 10.1136/neurintsurg-2021-017585. Epub 2021 Aug 4. PMID: 34349012.

71) Cannizzaro D, Scibilia A, Frio F, Zaed I, Safa A, Cirillo L, Sturiale C, Cardia A, Bortolotti C. IV and V grade arteriovenous Malformations: A multicenter surgical experience. Use of multiple grading system to predict surgical risk. *J Clin Neurosci*. 2022 Oct;104:96-102. doi: 10.1016/j.jocn.2022.08.011. Epub 2022 Aug 19. PMID: 35994875.

72) Rustici A, Vari F, Sturiale C, Conti A, Scibilia A, Bortolotti C, Agati R, Tonon C, Lodi R, Mazzatenta D, Zoli M, Princiotta C, Dall'Olio M, Cirillo L. The angio-architectural features of brain arteriovenous malformations: is it possible to predict the probability of rupture? *Neuroradiol J*. 2022 Dec 19:19714009221140479. doi:10.1177/19714009221140479. Epub ahead of print. PMID: 36533312.

73) Zoli M, Sollini G, Martinoni M, Rustici A, Guaraldi F, Asioli S, Fabbri VP, Cirillo L, Pasquini E, Mazzatenta D. Intraoperative Ultrasonography in Endoscopic Approaches for Orbital Lesions: A Single-Center Case Series. *Oper Neurosurg (Hagerstown)*. 2023 Jan 1;24(1):23-32. doi: 10.1227/ons.0000000000000437. Epub 2022 Nov 1. PMID: 36519876.

<https://orcid.org/0000-0002-0424-3400>

## Cirillo, Luigi

 Istituto delle Scienze Neurologiche di Bologna, Bologna, Italy  35787008700   <https://orcid.org/0000-0002-0424-3400>

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*Luigi Cirillo, M.D.*

**IRCCS Istituto delle Scienze Neurologiche di Bologna, UOC di Neuroradiologia;**

**Associate Professor of Neuroradiology MED37, University of Bologna**

**40139 Bologna, Italy**

**Phones:**

**..+39/051/496688 (hospital)**

**..+39/3939033020 (mobile phone)**

**e mail: [luigi.cirillo2@unibo.it](mailto:luigi.cirillo2@unibo.it)**