

## CURRICULUM VITAE



### INFORMAZIONI PERSONALI

Name  
ALESSIO COMAI

Geburtsjahr  
1980

Aktuelle Aufgabe  
Geschäftsführende Direktor, Neuroradiologie, Bozen

### ISTRUZIONE E FORMAZIONE

2023 Managementkurs (AP Bozen/Univ. Trient)

2018-2021 European Diploma in Interventional NeuroRadiology (EDiINR)

2005-2009 Spezialisierung Radiodiagnostica, Università degli Studi di Verona

1999-2005 Abschluss in Medizin und Chirurgie, Università degli Studi di Verona

1991-2002 Klavierdiplom, Conservatorio F. A. Bonporti di Trento e Riva del Garda

1999 Matura, Liceo Classico A. Maffei, Riva del Garda (TN)

### BERUFSERFAHRUNG

3/2023 Direktor GF Neuroradiologie, Südtiroler Sanitätsbetrieb

2022-2023 Vize Direktor Neuroradiologie, Südtiroler Sanitätsbetrieb

2018-2022 Leitender Arzt Neuroradiologie, Südtiroler Sanitätsbetrieb

2009-2018 Leitender Arzt Radiologie, Bozen Krankenhaus, Südtiroler Sanitätsbetrieb

Diagnostische und interventionelle Tätigkeit, Schwerpunkt interventionelle Neuroradiologie: mechanische Thrombektomie für akute ischämische Schlaganfall (mehr als 270), Embolization von Hirnaneurismen (mehr als 100), Embolization von arteriovenösen Malformationen, Wirbelsäule Interventionen (Vertebroplastien und Infiltrationen).

**MUTTERSPRACHE**

ITALIENISCH

**ANDEREN SPRACHEN**

DEUTSCH: GOETHE-ZERTIFIKAT C1 (2013), SÜDTIROLER  
ZWEISPRÄCHIGKEITZERTIFIKATION (2013)

ENGLISCH: Speex Certificate B2.2 (2016)

**ANDERS****WISSENSCHAFTLICHEN PUBLIKATIONEN**

-Naldi A, D'Agata F, Pracucci G, et al. Mechanical thrombectomy in prestroke disability: data from the Italian endovascular stroke registry. *Stroke* 2025 Mar 6. doi: 10.1161/STROKEAHA.124.048997. Online ahead of print.

-**Comai A**, Casalboni C, Vingiani V, et al. Outcome of acute ischemic stroke with absent opacification of the cervical internal carotid artery at CT-angiography after endovascular treatment. *Neuroradiol J.* 2025 Jan 24:19714009251313504. Doi: 10.1177/19714009251313504. Online ahead of print.

-Romoli M, Migliaccio L, Saia V, et al. Stroke thrombectomy in the elderly: A propensity score matched study on a nationwide real-world registry. *Eur Stroke J* 2024 Nov 20:23969873241299335. doi: 10.1177/23969873241299335. Online ahead of print.

-Palmisano V, Simonetti L, Marotti N, Reverberi L, **Comai A**, et al. Direct aspiration versus combined technique for anterior distal, medium vessel occlusion stroke: the JET distal vessel occlusion study. *Operative Neurosurg* 2024 Epub ahead of print. DOI: 10.1227/ons.0000000000001411

-Cappellari M, Pracucci G, Saia V, et al. Thrombectomy in ischemic stroke patients with tandem occlusion in the posterior versus anterior circulation. *Neurol Sci.* 2024 Jun 18. doi:10.1007/s10072-024-07638-x. Online ahead of print.

-Sallustio F, Nicolini E, Saia V, et al. Association between procedural time and outcome in unsuccessful mechanical thrombectomy for acute ischemic stroke: analysis from the Italian Registry of Endovascular

Treatment in Acute Stroke. *J Neurol.* 2024 Jun 5. doi: 10.1007/s00415-024-12458-2. Online ahead of print.

-Nicolini E, Saia V, Lorenzano S, et al. Mechanical thrombectomy in young patients with large vessel occlusion-related ischemic stroke: Data from the Italian Registry of Endovascular Treatment in Acute Stroke. *Eur J Neurol.* 2023 Dec;30(12):3751-3760. doi: 10.1111/ene.16035. Epub 2023 Aug 24.

-Cappellari M, Pracucci G, Saia V, et al. IV thrombolysis plus thrombectomy versus IV thrombolysis alone for minor stroke with anterior circulation large vessel occlusion from the IRETAS and Italian SITS-ISTR cohorts. *Neurol Sci.* 2023 Dec;44(12):4401-4410. doi: 10.1007/s10072-023-06948-w. Epub 2023 Jul 17.

- Cappellari M, Saia V, Pracucci G, et al. Stroke with large vessel occlusion in the posterior circulation: IV thrombolysis plus thrombectomy versus IV thrombolysis alone. *J Thromb Thrombolysis* 2023. doi: 10.1007/s11239-023-02844-4. Online ahead of print.
- Cappellari M, Pracucci G, Saia V, et al. Predictors for hemorrhagic transformation and cerebral edema in stroke patients with first-pass complete recanalization. *Int J Stroke* 2023. doi: 10.1177/17474930231185690. Online ahead of print.
- Gentile L, Pracucci G, Saia V, et al. Mechanical thrombectomy in patients with heart failure: the Italian registry of Endovascular Treatment in Acute Stroke. *Neurol Sci* 2023. doi: 10.1007/s10072-023-06830-9. Online ahead of print.
- Naldi A, Pracucci G, Cavallo R, et al; Italian Registry of Endovascular Treatment in Acute Stroke (IRETAS) Collaborators. Mechanical thrombectomy for in-hospital stroke: data from the Italian Registry of Endovascular Treatment in Acute Stroke. *J NeuroInt Surg* Published Online First: 07 March 2023. doi: 10.1136/jnis-2022-019939.
- Sallustio F, Pracucci G, Cappellari M, et al; Italian Registry of Endovascular Treatment in Acute Stroke (IRETAS) Collaborators. Carotid artery stenting during endovascular thrombectomy for acute ischemic stroke with tandem occlusion: the Italian Registry of Endovascular Treatment in Acute Stroke. *Acta Neurol Belg*. 2022 Sep 2. doi: 10.1007/s13760-022-02067-z. Online ahead of print.
- Casetta I, Fainardi E, Pracucci G, et al; Italian Registry of Endovascular Treatment in Acute Stroke (IRETAS). Sex differences in outcome after thrombectomy for acute ischemic stroke. A propensity score-matched study. *Eur Stroke J*. 2022 Jun;7(2):151-157. doi: 10.1177/23969873221091648.
- Bonatti M, Lombardo F, Valletta R, Comai A, et al. Myosteatorsis as an independent predictor of short-term mortality in successfully reperfused acute ischemic stroke. *Neuroradiol J*. 2023 Feb;36(1):17-22. doi: 10.1177/19714009221098370.
- Sallustio F, Saia V, Marrama F, et al; Italian Registry of Endovascular Treatment in Acute Stroke (IRETAS) Collaborators. 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.
- Salsano G, Pracucci G, Mavilio N, et al. Complications of mechanical thrombectomy for acute ischemic stroke: incidence, risk factors, and clinical relevance in the Italian Registry of Endovascular Treatment in Acute Stroke. *Int J Stroke*. 2021 Oct;16(7):818-827. doi: 10.1177/1747493020976681.
- Cappellari M, Saia V, Pracucci G, et al. Functional and radiological outcomes after bridging therapy versus direct thrombectomy in stroke patients with unknown onset: bridging therapy versus direct thrombectomy in unknown onset stroke patients with 10 point ASPECTS. *Eur J Neurol*. 2021 Jan;28(1):209-219. doi: 10.1111/ene.14529. Epub 2020 Oct 11. PMID: 32924246.
- Romano DG, Frauenfelder G, Casseri T, et al. 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.

- Cappellari M, Mangiafico S, Saia V, et al. IER-SICH nomogram to predict symptomatic intracerebral hemorrhage after thrombectomy for stroke. *Stroke*. 2019 Apr; 50(4):909-916. doi:10.1161/STROKEAHA.118.023316.
- Cappellari M, Mangiafico S, Saia V, et al. IER-START nomogram for prediction of three-month unfavorable outcome after thrombectomy for stroke. *Int J Stroke*. 2020 Jun;15(4):412-420. doi:10.1177/1747493019837756.
- Faccioli N, Dietrich CF, Foti G, et al. Activity-based cost analysis of including Contrast-Enhanced Ultrasound (CEUS) in the diagnostic pathway of focal pancreatic lesions detected by abdominal ultrasound. *Ultraschall Med*. 2019 Oct;40(5):618-624. English. doi: 10.1055/a-0869-7861.
- Comai A, Ferro F, Curro Dossi R, et al (2019) Case of the week: persistent hypoglossal artery with synchronous left internal carotid and basilar artery occlusion. *AJNR Case of the week*, 25 April 2019 (<https://www.ajnr.org/content/cow/04252019>).
- Comai A, Dellis C, Rielli E, Bonatti G. Endovascular treatment for pelvic congestion syndrome associated with inferior vena cava anomaly. *JEPPD* 2018;Vol 10(1):39-42.
- Comai A, Zatelli M, Haglmüller T, Bonatti G. The role of transcatheter arterial embolization in traumatic pelvic hemorrhage: not only pelvic fracture. *Cureus*. 2016 Aug 3;8(8):e722. doi: 10.7759/cureus.722.
- Romano DG, Cioni S, Vinci SL, et al. Thromboaspiration technique as first approach for endovascular treatment of acute ischemic stroke: initial experience at nine Italian stroke centers. *J Neurointerv Surg*. 2017 Jan;9(1):6-10. doi:10.1136/neurintsurg-2016-012298.
- Comai A, Trenti M, Mayr R, et al. Computed tomography after nephron-sparing surgery. *Abdom Imaging*. 2015 Oct;40(7):2424-31. doi:10.1007/s00261-015-0410-3.
- Comai A, Haglmüller T, Ferro F, et al. Sequential endovascular thrombectomy approach (SETA) to acute ischemic stroke: preliminary single-centre results and cost analysis. *Radiol Med*. 2015 Jul;120(7):655-61. doi: 10.1007/s11547-015-0501-9.
- Zatelli M, Comai A. Spontaneous rupture of the liver in a patient admitted for subarachnoid hemorrhage. *Int J Surg Case Rep*. 2015;6C:15-8. doi: 10.1016/j.ijscr.2014.10.016.

## VORSTELLUNGEN

- 2025 Tagung “Incontri neurovascolari” Verona -speaker
- 2025 Kongress “Terzo tempo dello stroke”, Bologna - Relator
- 2025 Kongress “Neuromatch: sfida all’ultimo caso”, Vicenza – moderator und speaker
- 2024 Kongress “Dolomites Interventional Neuroradiology: ematoma sottodurale ed ictus ischemico acuto”, Bolzano –organizzatore, responsabile scientifico e moderatore
- 2024 Workshop Pegasus “Trattamento delle dissezioni intra-extra craniche”, Trento -relazione “Stroke e dissecazioni”
- 2023 Approccio al politrauma: esperienze a confronto e presentazione delle Linee Guida Aziendali, Bolzano –Vorstellung “Radiologia interventistica nel trauma pelvico”

2023 Presentazione del PDTA per lo stroke ischemico acuto nella Azienda Sanitaria della Provincia Autonoma di Bolzano, Bolzano – relatore

2023 Tagung “Trattamento delle lesioni tandem”, Termeno (BZ)

2023 “Estensione di trattamento dello stroke ischemico acuto: ruolo dell’imaging avanzato”, Bolzano –Organisator und Relator

2023 Selezione dei pazienti con ictus ischemico acuto per il trattamento con TIV e/o TEV in finestra temporale tardiva o non nota; contributo dell’imaging avanzato, Trento -Relatore

2022 VIII Convegno neurovascolare del Garda, Bussolengo, VR – Vorstellung "Lo stenting carotideo"

2022 Congresso Società di Neuroscienze Ospedaliere (SNO) 2022, Riva del Garda, TN -Moderator

2022 World Stroke Congress 2022, Singapore -comunicazione orale "Extracranial ICA non-opacification at preoperative CT-angiography: correlation with clinical outcome in patients who undergo mechanical thrombectomy for acute ischemic stroke"

2020 Triveneto Break Out, live online -relazione "Trattamento delle lesioni tandem"

2018 Interdisciplinary Medical Research Center South Tyrol (IMREST) 3<sup>rd</sup> meeting, Bolzano –relazione “Impact of clot histology on response to mechanical thrombectomy in acute ischemic stroke”

2018 European Congress of Radiology, Vienna -comunicazione orale "Impact of clot histology on response to mechanical thrombectomy in acute ischemic stroke with large vessel occlusion"

2018 European Congress of Radiology, Vienna -poster "Endovascular treatment of acute ischemic stroke: comparison between directly admitted and referred patients"

2017 European Congress of Radiology, Vienna -poster "Morphology of vessel occlusion at digital subtraction angiography predicts response to endovascular treatment"

2017 PDTA in epatologia - continuità territoriale ospedale-territorio, Bolzano -relazione “Radiologia interventistica ed epatocarcinoma”

2017 Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Congress 2017, Copenhagen -relazione “Impact of clot histology on response to mechanical thrombectomy for acute ischemic stroke due to large vessel occlusion”

2017 Neuroradiologia interventistica e stroke, Bolzano -relatore

2017 Capture the fracture: PDTA nella osteoporosi severa -relatore

2017 Vascular Club Embolizzazione, Torino –relazione “Sindrome da congestione pelvica in anomalia della vena cava inferiore”

## **KURSE UND TAGUNGEN**

2024 Live Case Course, Stuttgart, Deutschland

2024 ESNR Annual Meeting, Paris (F)

2024 Riunione AINR di Neuroradiologia Interventistica, Bologna

2024 La radiologia domiciliare, SNR, Online

2023 Advanced Live Interventional Course of Essen, Essen (DE)

2021 European Course in Neuroradiology, Module 3: vascular and traumatic, live online (esame finale)

2021 Live Interventional Neurovascular Course (LINNC), Parigi

2020 World Live Neurovascular Conference (WLNC), live online  
2020 European Course in Interventional Neuroradiology, Module 3: cerebral and head and neckvascular anatomy, embriology and pathophysiology, live online (esame finale)  
2019 European Course in Interventional Neuroradiology, Module 2: aneurysm and AVM, Essen (esame finale)  
2019 Congresso nazionale Associazione Italiana NeuroRadiologia, Siracusa  
2019 European Course in Interventional Neuroradiology, Module 1: ischemic stroke course and exam, Barcellona (esame finale)  
2018 Penumbra System: intracranial large vessel revascularization training, Strasburgo  
2018 In-hospital training: AIS and mechanical thrombectomy, Karolinska University Hospital, Stoccolma  
2018 Training session for the use of products and technics for the treatment of AVMs and aneurysms, Fondation Ophthalmologique Adolphe de Rothschild, Parigi

### **ASSOCIAZIONI**

2006-2019 Mitglied Societa'Italiana Radiologia Medica ed Interventistica (SIRM)  
2006-2019 Mitglied Cardiovascular Interventional Radiological Society of Europe  
2019-2024 Mitglied Associazione Italiana di Neuroradiologia (AINR)  
2019-2024 Mitglied European Society of NeuroRadiology (ESNR)  
2024 Mitglied Società Neuroscienze Ospedaliere (SNO)

Bozen, 21/3/2025