

PERSONAL INFORMATION

Francesco Diana

Nationality Italian

POSITION

Interventional Neuroradiologist
Interventional Neuroradiology Unit,
Vall d'Hebron Hospital Univesitari, Barcelona, Spain

RTD
MED 36
LINK Campus University of Rome, Italy

EDUCATION AND TRAINING

Present - 2025



**Université
de Limoges**

PhD Student in Sciences Biologiques et Santé

PhD course in Sciences Biologique et Santé, Recherche clinique, innovation technologique et thérapeutique, santé publique.

XLIM - UMR CNRS 7252 - Université de Limoges

Joint Supervision Tutor: Prof. Aymeric Rouchaud, MD, PhD and Prof. Charbel Mounayer, MD, PhD

Code course: ED 615

Duration: 2022 – 2025

Present - 2024

**PhD Student in Translational Medicine of the Human Development and Active Aging**

PhD course in Traslational Medicine of the Human Development and Active Aging, cycle n. XXXVII
University of Salerno, Salerno, Italy

Joint Supervision Tutor: Prof. Francesco Di Salle, MD, PhD

Code course: 88031

Duration: 01/11/2021 – 31/10/2024

September 2021 – April 2022

**EYMINT e-Fellowship 2021/2022**

This is a 6-month e-fellowship programme that enable an EYMINT member to interact directly with an ESMINT mentor and remotely view neuro-interventional procedures that are of interest to them. The goal of the e-fellowship programme is to expose young neurointerventionalists to the breadth of neuro-interventional procedures performed by highly experienced professors of neuro-intervention who are members of ESMINT.

ESMINT (European Society of Minimally Invasive Neurological Therapy)

ESMINT mentor: Prof. Riitta Rautio, MD, PhD, Turku University Hospital, Finland

Duration: 6 months

March 2021-May 2022

**II level Master degree: Neuroradiologia Diagnostica**

II level master degree in Endovascular Interventional Neuroradiology is a 1 year post-graduation program for trainees in diagnostic neuroradiology.

“Sapienza” University of Rome, Dipartimento di Neuroscienze, Salute mentale e Organi di Senso (NEMOS), Sant'Andrea Hospital, Rome (Italy)

Code course: 30939

Year: 2020/2021

February 2019-May 2020

**II level Master degree: Neuroradiologia Interventistica Endovascolare**

II level master degree in Endovascular Interventional Neuroradiology is a 1 year post-graduation program for trainees in interventional neuroradiology. The Course is comprehensive of both theoretical and practical parts. The objective of the course is the creation of a unique training path to provide theoretical knowledge and procedural skills.

“Sapienza” University of Rome, Policlinico Umberto I, Rome (Italy)

Code course: 29058

Year: 2018/2019

December 2014–December 2018

**Internship in Interventional Neuroradiology**

U.O.C. di Neuroradiologia with Prof. Giulio Guidetti and Dr. Simone Peschillo
 Head of the Service: Prof. Claudio Colonnese
 Department of Neurology and Psychiatry

“Sapienza” University of Rome, Policlinico Umberto I, Rome (Italy)

December 2014–December 2018

**Residency in Diagnostic Radiology**

“Sapienza” University of Rome, Policlinico Umberto I, Rome (Italy)

Date: 21/12/2018

Faculty: Medicine and Odontology

Department of Scienze Radiologiche, Oncologiche e Anatomico Patologiche, Policlinico Umberto I

Name of the course of study: Diagnostic Radiology

Dissertation/thesis title: Cone-Beam CT in diagnosis and treatment of Dural Arteriovenous Fistulas.

May 2018–October 2018

**Advanced training course in Neuroendovascular Treatment II**

ATC in Neuroendovascular Treatment is a 1 year program for trainees in interventional neuroradiology and endovascular neurosurgery. The Course is comprehensive of both theoretical and practical parts. This Course, accessible to residents and specialists in neuroradiology, neurology and neurosurgery, arises from the request not only of training but also of assistance. The objective of the course is the creation of a unique training path to provide theoretical knowledge and procedural skills.

February 2018–April 2018

**Fellowship in Interventional Neuroradiology**

Service de Neuroradiologie Diagnostique et Thérapeutique

Head of the Service: George Rodesch

Topics of interest: Pediatric Intracranial Arteriovenous Shunts, Spinal Arteriovenous Malformations, Spinal Dural Arteriovenous Fistulae, Brain Arteriovenous Malformations and Brain Arteriovenous Fistulas.

December 2015–September 2017

**European Course in Minimally Invasive Neurological Therapy (ECMINT)**

ECMINT 1.3 – Stroke – December 14/18, 2015

ECMINT 1.4 – Endovascular treatment of Arteriovenous Malformations and Fistulas – June 21/25, 2016

ECMINT 2.1 - Neurovascular diseases of the skull base - December 12/16, 2016

ECMINT 2.2 – Cerebral aneurysms - June 20/23, 2017

ECMINT final examination – ECMINT Diploma – September 06, 2017

ECMINT is a 2 year program for trainees in interventional neuroradiology and endovascular neurosurgery. The Course is comprehensive with a curriculum compliant with the requirements of the UEMS specialist section. It teaches trainees all components needed to practice the subspecialty.

April 2017

**Oxford Aneurysm Treatment School (OATS)**

Oxford Neurovascular and Neuroradiology Research Unit

Nuffield Department of Surgical Sciences

Oxford University, Oxford, U.K.

This classic residential course directed by Prof. James Byrne, Nuffield Department of Surgical Sciences, University of Oxford, is designed as an introduction of physicians who intended to obtain primary training in the endovascular treatment of intracranial aneurysms. The course has a structured program of lectures, tutorials and demonstrations in current endovascular treatment methods of aneurysms.

October 2011 – July 2012

**European Union program (Programma LLP-Erasmus)**

Universidad de Santiago de Compostela, Santiago de Compostela (Spain)

Duration: 10 months

Visiting student in the Department of Neurosurgery (chief Prof. Alfredo García Allut), Hospital Clínico Universitario de Santiago de Compostela.

September 2007 – July 2013

**Doctor of Medicine (MD), 110 cum laude and honour mention**

Università degli Studi di Napoli "Federico II" – A.O.U. Federico II, Naples (Italy)

Department of Medicina Clinica e Chirurgia LM-41 - 2nd level degree in Medicine and surgery.

Name of the course of study: Medicine and Surgery.

Date: 24/07/2013

Dissertation/thesis title: The endoscopic endonasal approach in the treatment of craniopharyngiomas.

WORK EXPERIENCE

Since April 2024 - Actually

LINK Campus University, Rome, Italy

RTD MED36

Since April 2023 - Actually

Vall d'Hebron Hospital Universitari, Barcelona, Spain

Interventional Neuroradiology Unit

Actually

Teaching faculty. Member

Course name: EUROPEAN VASCULAR AND ENDOVASCULAR NEUROSURGERY Master Study Program, II level Master Degree

A.Y. 2023/2024

May 2020 – March 2023

University Hospital "San Giovanni di Dio e Ruggi d'Aragona", University of Salerno, Italy

U.O.C. Neuroradiologia

Interventional Neuroradiologist

2021 - 2023

"Cultore della materia", University of Salerno, Italy

Teaching Assistant

Discipline: MED/37, Neuroradiology

Degree Course: Medicine and Surgery, M- 41.

A.Y. 2020/2021, 2021/2022

2020 – 2022

Contract Professor, University of Salerno, Italy

Course name: Neuroradiology and Interventional Neuroradiology

Degree course: Imaging and Radiotherapy Techniques

A.Y. 2020/2021, 2021/2022

March 2019 – May 2020

Maurizio Bufalini Hospital, Cesena (FC), Italy

U.O.C. Neuroradiologia

Interventional Neuroradiologist

February 2019 – March 2019

Neuromed - Mediterranean Neurological Institute, Pozzilli (IS), Italy

U.O.C. Neuroradiologia

Interventional Neuroradiologist

10/12/2014 – 21/12/2018

Resident in Radiology

Policlinico Umberto I, Rome (Italy)

October 2011 – July 2012

Visiting student

Department of Neurosurgery (chief Prof. Alfredo García Allut), Hospital Clínico Universitario de Santiago de Compostela.

COURSES AND CONFERENCES

May 6-7, 2024

- Scientific Director, The gray areas: limiti e confine nel trattamento endovascolare in INR-Salerno, Italy

- April 19-20, 2024 - Speaker at XVIII Corso di Neuroradiologia Interventistica – Salerno, Italy
- April 11-13, 2024 - Moderator and speaker at ISA-AII (Italian Stroke Association- Associazione Italiana Ictus) 2024, Minimaster AI in neuroradiology – L'Aquila, Italy
- February 09, 2024 - Speaker at Il paziente al centro della rete. Confronto HUB e Spoke nella rete salernitana
- November 22-24, 2023 - Attendant at Advanced Live Interventional Course of Essen (ALICE) 2023 – Essen, Germany
- November 20-21, 2023 - Scientific Director, The gray areas: limiti e confine nel trattamento endovascolare in INR- Salerno
- September 04-06, 2023 - Speaker at 15th ESMINT Congress 2023 – Antithrombotics in Neurointervention, Marseille, France
- June 05-07, 2023 - Attendant at the LINNC Course – Live Cases 2023, Paris, France
- April 17, 2023 - Teacher at European Vascular and Endovascular Neurosurgery Master Study Program 2023, Unicamillus, Rome, Italy
- March 30/April 01, 2023 - Speaker at Stroke 2023 – 9° Congresso Nazionale Sull'ICTUS Cerebrale, Lecce, Italy
- March 02-03, 2023 - Speaker at Campania Next generation meeting, Ospedale Cardarelli, Napoli (NA), Italy
- November 16-19, 2022 - Moderator at SVIN annual Meeting 2022 – Debate Intra-arterial Lytic Therapy, Los Angeles, CA, USA
- October 07, 2022 - Speaker at Angels Day “ Rete ictus in Campania, Caserta (CE), Italy
- May 13-15, 2022 - Speaker at SIN (Società Italiana di Neurologia) Giovani - La richiesta di competenza neurologica nel prossimo futuro, Chianciano Terme (SI), Italy
- March 27-29, 2022 - Speaker at National Congress AINR (Associazione Italiana di Neuroradiologia), Interventional Neuroradiology section, Siena
- December 13-16, 2021 - Neurovascular Training Balt - Prof. Charbel Mounayer, Department of Neuroradiology CHU Limoges, Limoges - France
- December 11-13, 2021 - Speaker at ISA-AII (Italian Stroke Association- Associazione Italiana Ictus) 2021, Minimaster Update sul neuroimaging nelle emergenze cerebrovascolari, ESA - Verona
- November 13-15, 2021 - Neurovascular Training Balt - Dr. Mario Martínez Galdámez, Head of Neuroradiology Unit at the University Clinical Hospital of Valladolid, Spain
- October 28-29, 2021 - Speaker at 13th World Stroke Congress – Virtual Meeting – Session Acute Stroke Therapy 3, Live channel 4, lecture LB002 – Comparison of aspiration versus combined technique as first line approach in terminal internal carotid artery occlusion: a multicenter experience
- March 10-11, 2021 - AVM-DURAL FISTULA VENOUS APPROACH - virtual classroom - Limoges - Prof. Mounayer
- February 2021 - Course: Understanding Clinical Research: Behind the Statistics (EJU7LED48XS4) – University of Cape Town, South Africa, 12 February, 2021
- December 18-19, 2020 - Speaker at NIM (Neuroradiologia Interventistica Meridionale) 2020, le complicanze e le innovazioni.
- July 7-9, 2020 - Neurovascular Training Balt - Prof. Charbel Mounayer, Department of Neuroradiology CHU Limoges, Limoges, France
- May 20, 2020 - Speaker at NIM (Neuroradiologia Interventistica Meridionale) 2020, le complicanze e le innovazioni
- December 21, 2019 - Speaker at Hub&Spoke 2019 Romagna, La terapia endovascolare dello stroke ischemico. – Cesena, Maurizio Bufalini Hospital, Italy
- Sept 30-Oct 2, 2019 - SLICE 2019. Stroke Live Course. The multidisciplinary stroke team meeting – Nice, Palais De La Méditerranée
- May 16-19, 2019 - Scientific coordinator of Mo.Mo.Academy – Catania, May

- March 31-April 2, 2019 - Speaker at National Congress AINR (Associazione Italiana di Neuroradiologia), Interventional Neuroradiology section – Turin
- October 29, 2018 - Examination of the Advanced Training Course in Neurointerventistica II, “Sapienza” University of Rome – Rome
- October 3, 2018 - Speaker at Faccia da Stroke, IV Edition, Diagnosis and Treatment of brain Stroke – Novara
- September 6-8, 2018 - ESMINT Congress 2018 – 10th Anniversary Congress of the European Society of Minimally Invasive Neurological Therapy – Nice, France
- May 17-19, 2018 - Trattamento degli aneurismi cerebrali: tecniche chirurgiche ed endovascolari (SiNch) – “Sapienza” University of Rome, Rome, Italy
- March 12-14, 2018 - Advanced Live Interventional Course of Essen (ALICE) 2018 – Essen, Germany
- November 1-5, 2017 - World Federation of Interventional and Therapeutic Neuroradiology (WFITN) - Course in Functional Neurovascular Anatomy - Delhi, India
- October 4-5, 2017 - 5th CBNV (Campo Base Neurovascolare) – A.O.U. Careggi, October 04-07, 2017
- September 7-9, 2017 - 9th European Society of Minimally Invasive Therapy (ESMINT) Congress – Acropolis, Nice, France
- September 6, 2017 - European Course in Minimally Invasive Therapy (ECMINT) – Final examination - Acropolis, Nice, France
- June 20-23, 2017 - European Course in Minimally Invasive Therapy (ECMINT) 2.2 – Cerebral Aneurysms - St Anne's College, Oxford
- April 10-13, 2017 - Oxford Aneurysm Treatment School (OATS), Oxford Neurovascular and Neuroradiology Research Unit, Nuffield Department of Surgical Sciences, University of Oxford
- March 16-17, 2017 - Neurointerventional meeting "Il terzo tempo dello stroke team" - Bobbio (PC), Italy
- December 12-16, 2016 - European Course in Minimally Invasive Therapy (ECMINT) 2.1 – Neurovascular diseases of the skull base - St Anne's College, Oxford
- September 15-18, 2016 - 47° SIRM (Società Italiana Radiologia Medica) Congress – Mostra d'Oltremare, Naples
- June 21-25, 2016 - European Course in Minimally Invasive Therapy (ECMINT) 1.4 - Endovascular Treatment of Arteriovenous Malformations and Fistulas - St Anne's College, Oxford
- February 17-19, 2016 - "Stroke: time is...now" - "SS. Annunziata" Hospital, Taranto
- December 14-18, 2015 - European Course in Minimally Invasive Therapy (ECMINT) 1.3 - Stroke - St Anne's College, Oxford
- November 26-28, 2015 - First Bellaria Neurovascular Conference - New concepts in cerebrovascular diseases - Bologna, Hosp. Bellaria, Bologna
- October 14-15, 2015 - Treatment of AVM with prof. A. Casasco, Hospital Le Scotte, Siena
- September 17-20, 2015 - 38th ESNR Annual Meeting - 22nd Advanced Course in Interventional Neuroradiology - 6th Advanced Course in Interventional Neuroradiology – Naples
- September 16-18, 2015 - 28° Annual Meeting AINR – Naples
- September 7, 2015 - Neuroendovascular procedures using a simulator - 15th Interim Meeting of the World Federation of Neurosurgical Societies (WFNS)
- June 2013 - 14th International Workshop. Perspectives in Skull Base Surgery. Microscopic and Endoscopic hands-on course.

PUBLICATIONS

- 2024 - Sousa JA, Achutegui MI, Juega-Mariño J, Requena M, Bernardo-Castro S, Rodrigo-Gisbert M, Rizzo F, Olivé M, Garcia-Tornel Á, Chaves AC, Rodriguez-Villatoro N, Muchada M, Pagola J, Rodriguez-Luna D, Rubiera M, Martins AI, Silva F, Veiga R, Nunes C, Machado E,

- Diana F**, de Dios M, Hernández D, Ribo M, Molina C, Sargento-Freitas J, Tomasello A. Acute management of cerebral venous thrombosis: Indications, technique, and outcome of endovascular treatment in two high-volume centers. *Interv Neuroradiol*. 2024 Mar 31;15910199241236819. doi: 10.1177/15910199241236819. Epub ahead of print. PMID: 38556254.
- Hernandez D, Requena M, Olivé Gadea M, De Dios Lascuevas M, Gramegna LL, Muchada M, García-Tornel Á, **Diana F**, Rizzo F, Rivera E, Rubiera M, Piñana C, Rodrigo-Gisbert M, Rodríguez-Luna D, Pagola J, Carmona T, Juega J, Rodríguez-Villatoro N, Molina CA, Ribo M, Tomasello A. Radial Versus Femoral Access for Mechanical Thrombectomy in Stroke Patients: A Non-Inferiority Randomized Clinical Trial. *Stroke*. 2024 Feb 1. doi: 10.1161/STROKEAHA.124.046360. Epub ahead of print. PMID: 38299334.
 - 2023 - **Diana F**, Peschillo S, Requena M, Romano DG, Frauenfelder G, de Dios Lascuevas M, Hernandez D, Ribó M, Tomasello A, Romoli M. Correlation between intravascular pressure gradients and ultrasound velocities in carotid artery stenosis: An exploratory study. *Interv Neuroradiol*. 2023 Dec 28;15910199231224007. doi: 10.1177/15910199231224007. Epub ahead of print. PMID: 38155483.
 - Sahoo A, Abdalkader M, Yamagami H, Huo X, Sun D, Jia B, Weyland CS, **Diana F**, Kaliaev A, Klein P, Bui J, Kasab SA, de Havenon A, Zaidat OO, Zi W, Yang Q, Michel P, Siegler JE, Yaghi S, Hu W, Nguyen TN. Endovascular Therapy for Acute Stroke: New Evidence and Indications. *J Neuroendovasc Ther*. 2023;17(11):232-242. doi: 10.5797/jnet.ra.2023-0047. Epub 2023 Aug 29. PMID: 38025253; PMCID: PMC10657733.
 - De Bernardo M, **Diana F**, Gioia M, De Luca M, Tepedino MF, Pellicchia MT, Rosa N, Barone P, Picillo M. The Correlation between Retinal and Choroidal Thickness with Age-Related White Matter Hyperintensities in Progressive Supranuclear Palsy. *J Clin Med*. 2023 Oct 22;12(20):6671. doi: 10.3390/jcm12206671. PMID: 37892809; PMCID: PMC10607459.
 - Lai Y, Jou E, Mofatteh M, Nguyen TN, Ho JSY, **Diana F**, Dmytriw AA, He J, Yan W, Chen Y, Yan Z, Sun H, Yeo LL, Chen Y, Zhou S. 7-Day National Institutes of Health Stroke Scale as a surrogate marker predicting ischemic stroke patients' outcome following endovascular therapy. *Transl Neurosci*. 2023 Oct 19;14(1):20220307. doi: 10.1515/tnsci-2022-0307. PMID: 37873059; PMCID: PMC10590605.
 - Lai Y, **Diana F**, Mofatteh M, Nguyen TN, Jou E, Zhou S, Sun H, He J, Yan W, Chen Y, Feng M, Chen J, Ma J, Li X, Meng H, Abdalkader M, Chen Y. Predictors of failure of early neurological improvement in early time window following endovascular thrombectomy: a multi-center study. *Front Neurol*. 2023 Sep 14;14:1227825. doi: 10.3389/fneur.2023.1227825. PMID: 37780716; PMCID: PMC10538528.
 - **Diana F**, Romoli M, Ricchetti F, Milonia L, Salcuni A, Cirelli C, Ruzza AD, Gaudino C, Iacobucci M, Biraschi F. Lidocaine for headache prevention during chronic subdural hematoma embolization. *Interv Neuroradiol*. 2023 Aug 30;15910199231198909. doi: 10.1177/15910199231198909. Epub ahead of print. PMID: 37649347.
 - Abdalkader M, Nguyen TN, **Diana F**, Yaghi S, Shu L, Klein P, Mawad ME, Kikano R. Intracranial Dural Arteriovenous Fistulas. *Semin Neurol*. 2023 Jun;43(3):388-396. doi: 10.1055/s-0043-1771453. Epub 2023 Aug 10. PMID: 37562448.
 - Chen Y, **Diana F**, Mofatteh M, Zhou S, Chen J, Huang Z, Wu W, Yang Y, Zeng Z, Zhang W, Ouyang Z, Nguyen TN, Yang S, Baizabal-Carvallo JF, Liao X. Functional and technical outcomes in acute ischemic stroke patients with hyperdense middle cerebral artery sign treated with endovascular thrombectomy. *Front Neurol*. 2023 May 25;14:1150058. doi: 10.3389/fneur.2023.1150058. PMID: 37305752; PMCID: PMC10247996.
 - Nguyen TN, Qureshi MM, Strambo D, Strbian D, Rätty S, Herweh C, Abdalkader M, Olive-Gadea M, Ribo M, Psychogios M, Fischer U, Nolte A, Kuramatsu JB, Hauptenthal D, Köhrmann M, Deuschl C, Kühne Escola J, Yaghi S, Shu L, Puetz V, Kaiser DPO, Kaesmacher J, Mujanovic A, Marterstock DC, Engelhorn T, Klein P, Haussen DC, Mohammaden MH, Abdelhamid H, Souza Viana L, Cunha B, Fragata I, Romoli M, **Diana F**, Virtanen P, Lappalainen K, Clark J, Matsoukas S, Fifi JT, Sheth SA, Salazar-Marioni S, Marto JP, Ramos JN, Miszczuk M, Riegler C, Jadhav AP, Desai SM, Maus V, Kaeder M, Siddiqui AH, Monteiro A, Masoud HE, Suryadevara N, Mokin M, Thanki S, Siegler JE, Khalife J, Linfante I, Dabus G, Asdaghi N, Saini V, Nolte CH, Siebert E, Meinel TR, Finitis S, Möhlenbruch MA, Ringleb PA, Berberich A, Nogueira RG, Hanning U, Meyer L, Michel P, Nagel S. Endovascular Versus Medical Management of Posterior Cerebral Artery Occlusion Stroke: The PLATO Study. *Stroke*. 2023 Jul;54(7):1708-1717. doi: 10.1161/STROKEAHA.123.042674. Epub 2023 May 24. PMID: 37222709.
 - **Diana F**, Abdalkader M, Behme D, Li W, Maurer CJ, Pop R, Hwang YH, Bartolini B, Da Ros V, Bracco S, Cirillo L, Marnat G, Katsanos AH, Kaesmacher J, Fischer U, Aguiar de Sousa D, Peschillo S, Zini A, Tomasello A, Ribo M, Nguyen TN, Romoli M; APT-eCAS collaboration. Antithrombotic regimen in emergent carotid stenting for acute ischemic stroke

- due to tandem occlusion: a meta-analysis of aggregate data. *J Neurointerv Surg.* 2023 Apr 25:jnis-2023-020204. doi: 10.1136/jnis-2023-020204. Epub ahead of print. PMID: 37185107.
- **Diana F**, Romoli M, Sabuzi F, Rouchaud A, Mounayer C, Forestier G, Tomasello A, Requena M, Hernández D, Lascuevas MD, Cuevas JL, Peschillo S, Caroff J, Nguyen TN, Abdalkader M, Da Ros V. Neurophysiological monitoring during endovascular treatment of brain arteriovenous malformations: A meta-analysis. *Interv Neuroradiol.* 2023 May 11:15910199231175195. doi: 10.1177/15910199231175195. Epub ahead of print. PMID: 37170611.
 - Klein P, Huo X, Chen Y, Abdalkader M, Qiu Z, Nagel S, Raymond J, Liu L, Siegler JE, Strbian D, Field TS, Yaghi S, Qureshi MM, Demeestere J, Puetz V, Berberich A, Michel P, Fischer U, Kaesmacher J, Yamagami H, Alemseged F, Tsvigoulis G, Schonewille WJ, Hu W, Liu X, Li C, Ji X, Drumm B, Banerjee S, Sacco S, Sandset EC, Kristoffersen ES, Slade P, Mikulik R, Romoli M, **Diana F**, Krishnan K, Dhillon P, Lee JS, Kasper E, Dasenbrock H, Ton MD, Masiliūnas R, Arsovska AA, Marto JP, Dmytriw AA, Regenhardt RW, Silva GS, Siepmann T, Sun D, Sang H, Diestro JD, Yang P, Mohammaden MH, Li F, Masoud HE, Ma A, Raynald, Ganesh A, Liu J, Meyer L, Dippel DWJ, Thomalla G, Parsons M, Qureshi AI, Goyal M, Yoo AJ, Lapergue B, Zaidat OO, Chen HS, Campbell BCV, Jovin TG, Nogueira RG, Miao Z, Saposnik G, Nguyen TN. Specialist Perspectives on the Imaging Selection of Large Vessel Occlusion in the Late Window. *Clin Neuroradiol.* 2023 Apr 3:1–11. doi: 10.1007/s00062-023-01284-0. Epub ahead of print. PMID: 37010551; PMCID: PMC10069362.
 - Romoli M, Matteo E, Migliaccio L, Gentile M, Mosconi MG, Scura GM, Naccarato M, Colangeli E, Candelaresi P, Andreone V, Giammello F, Fortunata Musolino R, Dell'Aera C, Sepe FN, Pronello E, Barbarini L, Caggiula M, Rizzo F, Petruzzellis M, Giorli E, Zedde ML, Anticoli S, Mangiardi M, Muto M, **Diana F**, De Angelis MV, Digiovanni A, Concarì L, La Gioia S, Sessa M, Biguzzi S, Cordici F, Longoni M, Ruggiero M, Cenciarelli S, Eusebi P, Sacco S, Caso V, Paciaroni M, Ricci S, Zini A, Toni D, Giannandrea D. Thrombolysis after dabigatran reversal: A nation-wide Italian multicentre study, systematic review and meta-analysis. *Eur Stroke J.* 2023 Mar;8(1):117-124. doi: 10.1177/23969873221131635. Epub 2022 Oct 29. PMID: 37021155; PMCID: PMC10069212.
 - Ironside N, Chen CJ, Chalhoub RM, Kellogg RT, Ding D, Maier I, Al Kasab S, Jabbour P, Kim JT, Wolfe SQ, Rai A, Starke RM, Psychogios MN, Shaban A, Arthur AS, Yoshimura S, Grossberg JA, Alawieh A, Fragata I, Polifka AJ, Mascitelli JR, Osburn JW, Matouk C, Levitt MR, Dumont TM, Cuellar-Saenz HH, Williamson R, Romano DG, Crosa RJ, Gory B, Mokin M, Moss M, Limaye K, Kan P, Spiotta AM, Park MS; **STAR collaborators**. Risk factors and predictors of intracranial hemorrhage after mechanical thrombectomy in acute ischemic stroke: insights from the Stroke Thrombectomy and Aneurysm Registry (STAR). *J Neurointerv Surg.* 2023 Feb 1:jnis-2022-019513. doi: 10.1136/jnis-2022-019513. Epub ahead of print. PMID: 36725360.
 - 2022 - Drumm B, Herning A, Klein P, Raymond J, Abdalkader M, Huo X, Chen Y, Siegler JE, Peacock M, Schonewille WJ, Liu X, Hu W, Ji X, Li C, Alemseged F, Liu L, Nagel S, Strbian D, Rebello LC, Yaghi S, Qureshi MM, Fischer U, Tsvigoulis G, Kaesmacher J, Yamagami H, Puetz V, Sylaja PN, Marto JP, Sacco S, Kristoffersen ES, Demeestere J, Conforto AB, Meyer L, Kaiser DPO, Reiff T, Aydin K, Romoli M, **Diana F**, Lobotesis K, Roi D, Masoud HE, Ma A, Mohammaden MH, Doheim MF, Zhu Y, Sang H, Sun D, Ton MD, Raynald, Li F, Lapergue B, Hanning U, Yang Q, Lee JS, Thomalla G, Yang P, Liu J, Campbell BCV, Chen HS, Zaidat OO, Qiu Z, Nogueira RG, Miao Z, Nguyen TN, Banerjee S. Basilar artery occlusion management: An international survey of middle versus high-income countries. *Interv Neuroradiol.* 2022 Dec 13:15910199221143190. doi: 10.1177/15910199221143190. Epub ahead of print. PMID: 36514286.
 - Landolfi A, Vinciguerra C, **Diana F**, Murano F, Russillo MC, Barone P, Serio B, Piscosquito G. Anterior lumbosacral polyradiculoneuropathy following intrathecal methotrexate administration: a case report and literature update. *Neurol Sci.* 2023 Feb;44(2):715-718. doi: 10.1007/s10072-022-06520-y. Epub 2022 Nov 23. PMID: 36418611.
 - Klein P, Herning A, Drumm B, Raymond J, Abdalkader M, Siegler JE, Chen Y, Huo X, Schonewille WJ, Liu X, Hu W, Ji X, Lapergue B, Li C, Alemseged F, Strbian D, Fischer U, Kaesmacher J, Yamagami H, Puetz V, Sacco S, Kristoffersen ES, Demeestere J, Lobotesis K, Roi D, Aydin K, **Diana F**, Masoud HE, Ma A, Novakovic-White R, Al-Mufti F, Zhu Y, Sang H, Sun D, Nguyen TH, Ton MD, Gentric JC, Caroff J, Psychogios MN, Consoli A, Meyer L, Fiehler J, English J, Gupta R, Yan B, Campbell B, Jadhav AP, Lee JS, Thomalla G, Nagel S, Yang Q, Zaidat OO, Qiu Z, Miao Z, Banerjee S and Nguyen TN. Basilar Artery Occlusion Thrombectomy Technique: An International Survey of Practice Patterns. *Stroke: Vascular and Interventional Neurology*;0:e000642. doi:10.1161/SVIN.122.000642
 - Alexandre AM, Colò F, Brunetti V, Valente I, Frisullo G, Pedicelli A, Scarcia L, Rollo C, Falcou A, Milonia L, Andrighetti M, Piano M, Macera A, Commodaro C, Ruggiero M, Da Ros V,

- Bellini L, Lazzarotti GA, Cosottini M, Caragliano AA, Vinci SL, Gabrieli JD, Causin F, Panni P, Roveri L, Limbucci N, Arba F, Pileggi M, Bianco G, Romano DG, **Diana F**, Semeraro V, Burdi N, Ganimede MP, Lozupone E, Fasano A, Lefe E, Cavallini A, Russo R, Bergui M, Calabresi P, Della Marca G, Broccolini A. Mechanical thrombectomy in minor stroke due to isolated M2 occlusion: a multicenter retrospective matched analysis. *J Neurointerv Surg.* 2022 Oct 12;jnis-2022-019557. doi: 10.1136/jnis-2022-019557. Epub ahead of print. PMID: 36223995.
- Drumm B, Banerjee S, Qureshi MM, Schonewille WJ, Klein P, Huo X, Chen Y, Strbian D, Fischer U, Puetz V, Hu W, Ji X, Li C, Alemseged F, Yamagami H, Sacco S, Saposnik G, Michel P, Kristoffersen ES, Sedova P, Mikulik R, Siegeler JE, Meinel TR, Aguiar de Sousa D, Lobotesis K, Roi D, Demeestere J, Asif K, Martins SO, Abdalkader M, Goyal M, Nguyen TH, Ton MD, Zhu Y, Liu X, Qiu Z, Miao Z, Caroff J, Romoli M, **Diana F**, Thomalla G, Nagel S, Sandset EC, Campbell BCV, Jovin T, Nogueira RG, Raymond J, Nguyen T. Current Opinions on Optimal Management of Basilar Artery Occlusion: After the BEST of BASICS Survey. *Stroke: Vascular and Interventional Neurology* 2022;2:e000538. doi:10.1161/SVIN.122.000538
 - Missori P, de Sousa DA, Ambrosone A, Currà A, Paolini S, Incarbone G, Amabile E, Biraschi F, **Diana F**, Peschillo S. Cotinine levels influence the risk of rupture of brain aneurysms. *Acta Neurol Scand.* 2022 Nov;146(5):562-567. doi: 10.1111/ane.13679. Epub 2022 Aug 3. PMID: 35920037; PMCID: PMC9805191.
 - **Diana F**, de Dios Lascuevas M, Peschillo S, Raz E, Yoshimura S, Requena Ruiz M, Morales DH, Tomasello A. Intracranial Flow Disruptor-Assisted Coiling of Intracranial Aneurysms Using the Novel Contour Neurovascular Systems and NEQSTENT: A Single-Center Safety and Feasibility Study. *Brain Sci.* 2022 Jul 26;12(8):991. doi: 10.3390/brainsci12080991. PMID: 35892432; PMCID: PMC9394360.
 - Raz E, Nossek E, Sahlein DH, Sharashidze V, Narayan V, Ali A, Esparza R, Peschillo S, Chung C, **Diana F**, Syed S, Nelson PK, Shapiro M. Principles, techniques and applications of high resolution cone beam CT angiography in the neuroangio suite. *J Neurointerv Surg.* 2023 Jun;15(6):600-607. doi: 10.1136/jnis-2022-018722. Epub 2022 Jul 14. PMID: 35835462.
 - Romano DG, Frauenfelder G, **Diana F**, Saponiero R. Technical note and first results on JET 7 thromboaspiration device for T-ICA occlusions. *BMC Neurol.* 2022 Jul 12;22(1):258. doi: 10.1186/s12883-022-02784-1. PMID: 35820862; PMCID: PMC9277901.
 - **Diana F**, Romoli M, Toccaceli G, Rouchaud A, Mounayer C, Romano DG, Di Salle F, Missori P, Zini A, Aguiar de Sousa D, Peschillo S. Emergent carotid stenting versus no stenting for acute ischemic stroke due to tandem occlusion: a meta-analysis. *J Neurointerv Surg.* 2023 May;15(5):428-432. doi: 10.1136/neurintsurg-2022-018683. Epub 2022 Apr 15. PMID: 35428740.
 - **Diana F**, Frauenfelder G, Saponiero R, Iaconetta G, Romano DG. Endovascular Flow Diversion in Cervical Internal Carotid Artery Dissections. *World Neurosurg.* 2022 Jun;162:10. doi: 10.1016/j.wneu.2022.03.045. Epub 2022 Mar 18. PMID: 35314411.
 - Romano DG, Frauenfelder G, **Diana F**, Saponiero R. JET 7 catheter for direct aspiration in carotid T occlusions: preliminary experience and literature review. *Radiol Med.* 2022 Mar;127(3):330-340. doi: 10.1007/s11547-022-01451-2. Epub 2022 Jan 16. PMID: 35034326.
 - **Diana F**, Romano DG, Peschillo S. Distribution of symptomatic cerebral vasospasm following subarachnoid hemorrhage assessed using cone beam CT angiography. *J Neurointerv Surg.* 2022 Apr;14(4):416. doi: 10.1136/neurintsurg-2021-018528. Epub 2021 Dec 23. PMID: 34949709.
 - **Diana F**, Frauenfelder G, Saponiero R, Iaconetta G, Romano DG. Transvenous Embolization with Ethylene Vinyl Alcohol and Arterial Flow Control of a Dural Arteriovenous Fistula of the Isolated Transverse Sinus. *World Neurosurg.* 2022 Jan;157:35. doi: 10.1016/j.wneu.2021.09.123. Epub 2021 Oct 7. PMID: 34626846.
 - **Diana F**, Raz E, Biraschi F, Romano DG, Toccaceli G, Shapiro M, Peschillo S. Cone-beam CT angiography to assess the microvascular anatomy of intracranial arterial dissections. *Neuroradiol J.* 2022 Aug;35(4):527-532. doi: 10.1177/19714009211049089. Epub 2021 Sep 30. PMID: 34590889; PMCID: PMC9437491.
 - **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.
 - **Diana F**, Tosatto L, Haznedari N, Commodaro C, Ruggiero M. De Novo Dural Arteriovenous

2021

- Fistula on Draining Veins of Previously Treated Pial Arteriovenous Malformation: a Case Report. *J Stroke Cerebrovasc Dis.* 2021 Jul;30(7):105798. doi: 10.1016/j.jstrokecerebrovasdis.2021.105798. Epub 2021 Apr 17. PMID: 33878548.
- **Diana F**, Frauenfelder G, Botto A, Saponiero R, Romano DG. Cerebral hyperperfusion syndrome after intracranial stenting: Case report and systematic review. *Interv Neuroradiol.* 2021 Dec;27(6):843-849. doi: 10.1177/15910199211011860. Epub 2021 Apr 22. PMID: 33884930; PMCID: PMC8673892.
 - **Diana F**, Di Gregorio M, Frauenfelder G, Saponiero R, Romano DG. Watershed subarachnoid hemorrhage after middle cerebral artery rescue stenting in patients with acute ischemic stroke. *Neuroradiology.* 2021 Aug;63(8):1383-1388. doi: 10.1007/s00234-021-02692-0. Epub 2021 Mar 24. PMID: 33760956; PMCID: PMC8295148.
- 2020
- Romano DG, Frauenfelder G, Tartaglione S, **Diana F**, Saponiero R. Trans-Radial Approach: technical and clinical outcomes in neurovascular procedures. *CVIR Endovasc.* 2020 Oct 8;3(1):58. doi: 10.1186/s42155-020-00152-z. PMID: 33030621; PMCID: PMC7544797.
 - Romano DG, Frauenfelder G, Caragliano A, Semeraro V, Pitrone A, Bozzi A, **Diana F**, Buonomo O, Vidali S, Gandini R, Saponiero R, Vinci S. Multicentric Experience with an Intermediate Aspiration Catheter for Distal M2 Ischemic Stroke. *J Stroke Cerebrovasc Dis.* 2020 Dec;29(12):105389. doi: 10.1016/j.jstrokecerebrovasdis.2020.105389. Epub 2020 Oct 20. PMID: 33096489.
 - Da Ros V, **Diana F**, Sabuzi F, Malatesta E, Sanna A, Scaggiante J, Di Giuliano F, Gandini R, Floris R, Ruggiero M. Flow diverters for ruptured posterior circulation perforator aneurysms: multicenter experience and literature review. *J Neurointerv Surg.* 2020 Jul;12(7):688-694. doi: 10.1136/neurintsurg-2019-015558. Epub 2020 Feb 12. PMID: 32051323.
 - Toccaceli G, **Diana F**, Cagnazzo F, Cannizzaro D, Lanzino G, Barbagallo GMV, Certo F, Bortolotti C, Signorelli F, Peschillo S. Microsurgical Clipping Compared with New and Most Advanced Endovascular Techniques in the Treatment of Unruptured Middle Cerebral Artery Aneurysms: A Meta-Analysis in the Modern Era. *World Neurosurg.* 2020 May;137:451-464.e1. doi: 10.1016/j.wneu.2019.12.118. Epub 2020 Jan 21. PMID: 31972346.
- 2019
- **Diana F**, Mangiafico S, Valente V, Wilderk A, Grillea G, Colonnese C, Bartolo M. Persistent trigeminal artery aneurysms: case report and systematic review. *J Neurointerv Surg.* 2019 Dec;11(12):1261-1265. doi: 10.1136/neurintsurg-2019-015046. Epub 2019 Jun 26. PMID: 31243067.
 - Gitto L, Richardson TE, Serinelli S, **Diana F**, Peschillo S, Domenicucci M. Massive intracranial bleeding due to the rupture of a rare spontaneous pseudoaneurysm of the middle cerebral artery in a pediatric patient: case report with clinical, radiological, and pathologic findings. *Forensic Sci Med Pathol.* 2019 Sep;15(3):474-480. doi: 10.1007/s12024-019-00122-5. Epub 2019 Jun 19. PMID: 31218656.
- 2018
- Peschillo S, Tomasello A, **Diana F**, Hernandez D, Toccaceli G, Rosal-Fontana M, Esteves Coelho M, Missori P. Comparison of Subacute Vascular Damage Caused by ADAPT versus Stent Retriever Devices after Thrombectomy in Acute Ischemic Stroke: Histological and Ultrastructural Study in an Animal Model. *Interv Neurol.* 2018 Oct;7(6):501-512. doi: 10.1159/000491028. Epub 2018 Aug 31. PMID: 30410530; PMCID: PMC6216788.
 - Haussen DC, Ferreira IM, Barreira C, Grossberg JA, **Diana F**, Peschillo S, Nogueira RG. Active Reperfusion Hemorrhage during Thrombectomy: Angiographic Findings and Real-Time Correlation with the CT "Spot Sign". *Interv Neurol.* 2018 Oct;7(6):370-377. doi: 10.1159/000488084. Epub 2018 Jun 8. PMID: 30410514; PMCID: PMC6216709.
- 2017
- Peschillo S, **Diana F**, Colonnese C, Mellina V, Marzetti F, La Rosa I, Missori P. Real-Time Distal, Multifocal, Repeated Lenticulostriate Bleeding Points during Thrombectomy in a Patient with Acute Variable M1 Occlusion: A Case Report and a Literature Review. *J Stroke Cerebrovasc Dis.* 2017 Oct;26(10):2082-2086. doi: 10.1016/j.jstrokecerebrovasdis.2017.04.026. Epub 2017 Jun 1. PMID: 28579509.
 - Peschillo S, Caporlingua A, Resta MC, Peluso JPP, Burdi N, Sourour N, **Diana F**, Guidetti G, Clarençon F, Bloemsmas GC, Di Maria F, Donatelli M, Resta M. Endovascular Treatment of Large and Giant Carotid Aneurysms with Flow-Diverter Stents Alone or in Combination with Coils: A Multicenter Experience and Long-Term Follow-up. *Oper Neurosurg (Hagerstown).* 2017 Aug 1;13(4):492-502. doi: 10.1093/ons/oxp032. PMID: 28838114.
 - Muto M, Giurazza F, Ambrosanio G, Vassallo P, Briganti F, Tecame M, Schena E, De Nicola M, Sgreccia A, Giannoni M, Peschillo S, **Diana F**, Guidetti G, Guarnieri G. Stent-assisted coiling in ruptured cerebral aneurysms: multi-center experience in acute phase. *Radiol Med.* 2017 Jan;122(1):43-52. doi: 10.1007/s11547-016-0686-6. Epub 2016 Sep 8. PMID: 27631680.
- 2016
- Biraschi F, **Diana F**, Alesini F, Guidetti G, Peschillo S. Effective ADAPT Thrombectomy in a Patient with Acute Stroke due to Cardiac Papillary Elastofibroma: Histological Thrombus Confirmation. *J Stroke Cerebrovasc Dis.* 2016 Oct;25(10):e185-7. doi:

- 10.1016/j.jstrokecerebrovasdis.2016.07.026. Epub 2016 Aug 15. PMID: 27539711.
- Peschillo S, **Diana F**, Berge J, Missori P. A comparison of acute vascular damage caused by ADAPT versus a stent retriever device after thrombectomy in acute ischemic stroke: a histological and ultrastructural study in an animal model. *J Neurointerv Surg*. 2017 Aug;9(8):743-749. doi: 10.1136/neurintsurg-2016-012533. Epub 2016 Jul 7. PMID: 27387708.
 - Peschillo S, Caporlingua A, **Diana F**, Caporlingua F, Delfini R. New therapeutic strategies regarding endovascular treatment of glioblastoma, the role of the blood-brain barrier and new ways to bypass it. *J Neurointerv Surg*. 2016 Oct;8(10):1078-82. doi: 10.1136/neurintsurg-2015-012048. Epub 2015 Nov 5. PMID: 26541791.
- Book(s)
- Peschillo S. Brain ischemic stroke, from diagnosis to treatment. Bentham Books, 2016 (in press).

SCIENTIFIC ACTIVITY

Editorial Board

- Interventional Neuroradiology (ISSN: 1591-0199), Associate Editor.
- Frontiers in Radiology (ISSN: 2673-8740), Review Editor.
- Journal of Integrative Neuroscience (ISS: 0219-6352), Associate Reviewer.
- SVOA Neurology (SVOA-NE): (ISSN: 2753-9180), Associate Reviewer.

Reviewer

- PUBLONS: <https://publons.com/researcher/4254630/francesco-diana/>

SCIENTIFIC ID(S)

Google Scholar: <https://scholar.google.com/citations?hl=it&user=LubPjDcAAAAJ>

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Documents

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Citations

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(Updated to 12/02/2024 Google Scholar).

PROJECTS

VANISH trial

- VANISH Trial will be a phase III, randomized, open-label with blinded outcome evaluation, controlled, parallel group design. The primary objective of this study is to determine whether the intra-arterial tPA infusion during mechanical thrombectomy (MT) might affect clinical and technical outcomes of patients with AIS due to LVO of the anterior circulation. In patients with AIS due to LVO, intra-arterial thrombolytic infusion following MT increases the chance of a good clinical outcome. There are also studies demonstrating that intravenous thrombolytic administration during mechanical thrombectomy increases the likelihood of the patient achieving functional autonomy. However, there are no studies evaluating intra-arterial thrombolytic infusion during MT, which, being infused close to the thrombus, could potentially further increase the recanalization rate and patients' functional autonomy.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

Spanish

Spanish

C1

English

B2

French

B2

DELE

(Diploma de Español como Lengua Extranjera)

ADDITIONAL INFORMATIONS

Achievements
Enrolment in the professional
register
Certifications

- 2014: License to Practice Medicine
- 2014: Ordine dei Medici, Chirurghi ed Odontoiatri di Caserta
- Diplomas de Español como Lengua Extranjera, Instituto Cervantes de Nápoles, Nov 2012, C1