

CURRICULUM VITAE

Dr Pascal J Mosimann, MD, PD, Division Head, Neuroradiology JDMI

Associate Professor of Neuroradiology & Neurosurgery

Name, Surname	MOSIMANN , Pascal, John, Roger
Date and place of birth	17.12.1977, Vevey, VD, Switzerland
Citizenship	Swiss and British (UK)
Family status	Married, 2 children
Professional Address	Toronto Western Hospital University Medical Imaging Toronto Division of Neuroradiology 399 Bathurst St, Toronto, Ontario M5T2S8, Canada
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Languages	Trilingual in French, English & German



ACTUAL POSITION

Division Head, Interventional and Diagnostic Neuroradiology,
Joint Department of Medical Imaging, UMIT, UHN, Toronto
Western Hospital, Toronto, CAN
INR Fellowship Program Supervisor, University of Toronto.
Cross-appointed **INR staff at the Hospital for Sick Children**
(Sick Kids), University of Toronto
Cross-appointed to Neurosurgery, University of Toronto

INTERNSHIPS AND POST-GRADUATE TRAINING

01.04.2005 - 31.03.2006	Internship in Neurosurgery – CHUV, Lausanne (Prof Villemure)
01.04.2006 - 30.09.2009	Radiology Residency – HUG, Geneva & CHUV, Lausanne (Prof. C.Becker, Prof. P.Schnyder and Prof R.Meuli)
01.10.2009 - 31.12.2010	Chief Resident in diagnostic and Interventional Radiology, Department of Radiology, CHUV, Lausanne (Prof R.Meuli)
01.01.2011 - 31.12.2011	Fellowship (Praticien Attaché) in Diagnostic and Interventional Neuroradiology, Department of Neuroradiology, Hôpital Lariboisière, Paris, France (Prof. E.Houdart)
01.01.2012 - 31.12.2012	Fellowship (Facharzt) in Endovascular Interventional Neuroradiology, Department of Neuroradiology, Alfried-Krupp Krankenhaus, Essen, Germany (Prof. R.Chapot)
01.01.2013 – 31.1.2017	Acting Head of Interventional Neuroradiology, Department of Radiology, CHUV, Lausanne
01.02.2017 – 31.02.2020	Acting Vice Deputy in Interventional Neuroradiology (Kaderoberarzt-1), Institute of Diagnostic and Interventional

01.03.2020 – 31.03.2022	Neuroradiology, Inselspital, Bern Chief Deputy / vice Chairman (Stv Chefarzt / Leitender Oberarzt), Neuroradiology, Alfried Krupp Krankenhaus, Essen, DE
01.07.2022 – present day	Head, Division of Neuroradiology , Toronto Western Hospital, 399 Bathurst St, Toronto, ON M5T2S8, Canada

EDUCATION

1981 - 1990	Elementary school, Ecole de Chexbres-Rivaz, VD, Switzerland
1990 - 1995	International Baccalaureate , Ecole Nouvelle de la Suisse Romande, Lausanne, Switzerland (Honors)
1995 - 1996	High School Diploma , Salisbury School, CT, USA (Honors)
1996 - 1997	Special Mathematics Course, EPFL, Lausanne, Switzerland
1997 - 1998	Biology , Faculty of Science, University of Geneva, Switzerland
1998 - 2005	Medical studies , Faculty of Medicine, University of Geneva

ACADEMIC TITLES, DIPLOMAS AND CERTIFICATES

June	2005	Swiss Federal Diploma of Medicine , University of Geneva
June	2011	Swiss board-certified (FMH) Diploma in Radiology
June	2012	European Certificate of Neuroradiology (XIth cycle of the European Course of diagnostic and interventional Neuroradiology) & European Certificate of Higher Qualification in Endovascular Interventional Neuroradiology (3rd cycle)
October	2012	Diplôme Universitaire de Neuroradiologie Interventionnelle, Université de Limoges, France (Prof. C.Mounayer)
May	2013	MD Thesis <i>Is intracerebral Haemorrhage a Time-Dependent Phenomenon after Successful Combined Intravenous and Intra- Arterial Therapy in Acute Ischemic Stroke?</i> (supervision Prof R.Meuli and X.Borruat, University of Lausanne)
June	2013	Swiss board-certified (SIWF-FMH) Diploma in Diagnostic and Invasive Neuroradiology (Schwerpunkt diagnostische und invasive Neuroradiologie)
October	2018	Director of Animal Experimentation (Labortierkunde Stufe 1+2) FSVO(CH)-FELASA(EU) certified
February	2019	Privat Docent (Venia docendi) in Neuroradiology, Faculty of Medicine, Bern University, Prof J Gralla
December	2020	Good Clinical Practice level 1 and 2 , University of Köln, Germany
June	2022	Associate Professor of Radiology, University of Toronto, Canada
Oct 2021 – Mar 2022		Schulich Mini-MBA: Physician Business Leadership Program Continuing Professional Development, Temerty Faculty of Medicine, University of Toronto and Schulich Executive Education Centre, Schulich School of Business, York University

SPECIAL HONORS, DISTINCTIONS, AWARDS, RECOGNITION, PROMOTIONS

Faculty Prize 2014, Lausanne	Faculty Prize for best MD thesis , Faculty of Biology and Medicine of Lausanne, Switzerland "Is intracerebral Hemorrhage a Time-
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SGR-SSR 2010, Lugano	Dependent Phenomenon after Successful Combined Intravenous and Intra-Arterial Therapy?" Pub. Stroke2013 Vol 44(3), pp. 806-808 Summa cum laude Poster Prize ; 97th Annual meeting of the Swiss Society of Radiology, Palazzo congressi, Lugano, June 3-5 Program p. 48 Poster. Mosimann PJ, Munier F, Beck-Popovic M, Uské A, Meuli R, Binaghi S, Superselective Intra-arterial Ophthalmic Chemotherapy with Melphalan for Intraocular Retinoblastoma.
SGR-SSR 2010, Lugano	Cum laude Prize for outstanding examination results in Radiology , Swiss board certification (SWIF-FMH)
Salisbury School 1996, USA	Summa cum laude , high school diploma – Distinction in English
ENSR 1995, Lausanne	Cum laude Prize, International Baccalaureate

CLINICAL SKILLS

- Full autonomy in the spectrum of diagnostic and interventional neuroradiology / endovascular neurosurgery, including complex neurovascular lesions of the head, neck and spine in the adult and pediatric population (>4000 interventions as first operator), as well as advanced neuroimaging techniques (CT and MR Perfusion, Diffusion Tension Imaging, Functional Imaging...)

HEALTHCARE MANAGEMENT CREDENTIALS

- **March 2022 - Mini-MBA Physician Business Leadership Certificate**; Schulich School of Business, York University, 222 Bay Street, Toronto, Ontario M5K 1K2

PATENTS

- European Patent Office n° WO2016185440 (A1) — 2016-11-24. **DEVICE AND METHOD FOR INJECTION, PHOTOACTIVATION AND SOLIDIFICATION OF LIQUID EMBOLIC MATERIAL IN THE VASCULAR SYSTEM OR OTHER ORGANIC CAVITIES**
https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&date=20161124&CC=WO&NR=2016185440A1&KC=A1#
- International Patent Application (provisional) n° PCT/IB2019/053385 filed on April 24, 2019 **"ENHANCED TORQUE STEERABLE GUIDEWIRE"**, **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)**, Inventors: Colin DARBELLAY, Guillaume PETITPIERRE, Marc BOERS, Pascal MOSIMANN, Philippe RENAUD

START UP / ADVISORY SCIENTIFIC BOARDS

- Artiria Medical SA, **Co-Founder** - <https://artiria-medical.com/>
- Lumendo AG, **Scientific Advisory Board** – <https://www.lumendo.ch>
- AI Medical, **Medical Advisory Board** – <https://www.ai-medical.ch/copy-of-advisory-board>

COMPETITIVE / PEER-REVIEWED GRANTS & FUND RAISING:**TOTAL = 2'245'588 CHF**

	Grant organism	Titel	Timeline	Role	Total money
A	SNF Sinergia <i>Peer-reviewed competitive</i>	Project n°CRSII5_170992/1. “In situ photoactivated hydrogel-based platform to treat cerebral aneurysms.” http://p3.snf.ch/project-170992	03/2017 - 03/2020	P.I.*	1'138'133 CHF
B	BRIDGE Proof of concept (SNF - Innosuisse) <i>Peer-reviewed competitive</i>	VascuSAFE: a novel endovascular denervation system to treat cerebral vasospasm. (recipient: Guillaume Petit-Pierre, EPFL) http://bridge.ch/proof-of-concept/unterstuetzte-projekte-2018/	03/2018 - 03/2019	Co-I	130'000 CHF
C	Gebert Rűf Stiftung <i>Peer-reviewed competitive</i>	VascuSAFE: a novel endovascular denervation system to treat cerebral vasospasm Projekt n°GRS-041/16 http://www.grstiftung.ch/de/portfolio/projekte/alle/y_2016/GRS-041-16.html	05 / 2017 - 10/2018	Co-I	320'000 CHF
D	EPFL InnoGrant <i>Non peer-reviewed competitive</i>	SmartGuide: a new generation of guidewires for enhanced endovascular navigation https://vpi.epfl.ch/page-152541-en.html	03/2018 - 03/2019	Co-I	100'000 CHF
E	InnoSuisse-CTI <i>Peer-reviewed competitive</i>	34354.1 IP-LS – SmartGUIDE: Analysis of a microactuated neurovascular device and impact on endothelial tissues	01/2019 - 01/2020	Co-I	227'455 CHF
F	Swiss Heart Foundation <i>Peer-reviewed competitive</i>	Project FFR19090 Pericarotid endovascular denervation to treat delayed cerebral vasospasm and stroke	02/2020 - 01/2021	P.I.	50'000 CHF
G	BRIDGE Proof of concept (SNF - Innosuisse) <i>Peer-reviewed competitive</i>	Photopolymerizable, stable hydrogels for medical applications (recipient: Mark Bispinghoff, ETHZ) https://www.bridge.ch/en/proof-of-concept/supported-projects-2019	2020 - 2021	Co-I	130'000 CHF
H	Horizon 2020 Proof of Concept	Project No. 886909 SME instrument phase 1 Artiria Medical	2020 - 2021	Co-I	50'000 CHF
I	ERC Proof of Concept Grant 2019	MAGFLOW – A novel fully flow-conveyed and magnetically-steered microcatheter system Prof Mahmut Selman Sakar, EPFL	2020 - 2021	Co-I	100'000 CHF

J	AIF 2023	PLACENTA - Practical Learning Approach for Catheterization and Endovascular Techniques in Interventional Applications	2023 - 2024	P.I	45'000 CAD
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* SNF SINERGIA Project extended to April 2021; new PI for extension period: Dr med Tomas Dobrocky, Bern

CHARITABLE DONATIONS

Expendable donation of 15'000 \$ in December 2022 from Sam Duboc Family Foundation to UHN Foundation (*Neuroradiology Fund for excellence – 579076880764*)

EMPLOYEES UNDER OWN SCIENTIFIC BUDGET

1. Post DOC (100%) - Msc PhD Schmocker Andreas (A - SNF SINERGIA) 1.2.2019 – 31.1.2020
2. Post DOC (100%) - Msc PhD Petit-Pierre Guillaume (E - InnoSuisse) 1.3.2019 – 29.2.2020

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES

1. 2014-2020 Board Member (assessor) of the Swiss Society of Neuroradiology (**SGNR-SSNR**): co-examiner and referee of the national examinations committee for aspiring specialists in diagnostic and invasive neuroradiology; SGNR delegate member of the TARDOC working group (TARMED revision in association with FMH, H+, Curafutura).
2. 2013-2020 **SFCNS Stroke Center/Unit Certification Auditor (GDK-CDS**, Swiss Ministry of Health)
3. 2012-2020 Board Member of the editorial executive committee **ESMINT** (European Society of Minimally Invasive Neurological Therapy); from 2021 member of the ad hoc clinical research committee (Professor Aymeric Rouchaud, Limoges, France)
4. FCNS

EXPERTISE IN PEER-REVIEWED MEDICAL SCIENCE JOURNALS

- Reviewer for Journal of Neurointerventional Surgery; European Radiology; European Neurology Circulation – Cardiovascular Interventions; Journal of Neuroradiology; Frontiers in Neurology Case reports in Neurology; Clinical Neuroradiology
- 2017-2019 Associate Editor of the Journal of Neuroradiology; Editorial Board since 2020

STUDY (CO) INVESTIGATOR / CORELAB EXPERTISE / ADVERSE EVENTS COMMITTEE

- 2012 *Usefulness of intra-articular bupivacain and lidocain in MR or CT arthrography*, Randomized Controlled Trial, Principal Investigator, Lausanne/CHUV
- 2015 *SWIFT Prime*, Randomized Trial, sub-investigator, Lausanne/CHUV
- 2016 *ASTER Trial*, Randomized Trial, Corelab imaging Chairman, Lausanne/CHUV
- 2016 *BARREL Registry*, Adverse events committee adjudication, Lausanne/CHUV
- 2018-2019 *LEO2 French registry*, Corelab Chairman, CHUV-Lausanne / Inselspital-Bern
- 2019 *SWIFT Direct*, Trial, Co-Investigator, Inselspital, Bern
- 2020 *Escape next NA trial*, Randomized Controlled Trial, Investigator (sponsor Mayank Goyal, Calgary, Canada)
- 2021 *FRITS registry*, Co-Investigator (industry-sponsored by Microvention)

- 2021 ASSISTENT registry, Co-Investigator (industry-sponsored by Phenox)
- 2021 Bendit-21 steerable brain microcatheter Pilot study (phase 1), Co-Investigator
- 2022 EVOLVE registry, (industry-sponsored by Stryker), Principal Investigator, Toronto TWH – University of Toronto
- 2024 INSPIRE A, Medtronic post-market registry platform to assess safety and efficacy of Medtronic products for the treatment of hemorrhagic stroke. Principal Investigator, Toronto TWH – University of Toronto
- 2024 PLACENTA - Practical Learning Approach for Catheterization and Endovascular Techniques in Interventional Applications using human placentas, supported by Academic Incentive Fund, UMIT. Principal Investigator, Toronto TWH – University of Toronto
- 2024 EMBOTENT: Endovascular embolization of tentorial dural arteriovenous fistulas. Principal Investigator, Toronto TWH – University of Toronto, Co-PI Markus Moehlenbruch, University of Heidelberg, Germany
- 2024 MESH - Middle meningeal artery Embolization for chronic Subdural Hematoma. Principal Investigator, Toronto TWH – University of Toronto

CONSULTING

- 2013 – 2022 National & International Proctor (Medtronic, Balt, Stryker, Microvention)

SCIENTIFIC COMMITTEES WITHIN CONGRESSES

- **SGNR-SSNR 2013 - Session Moderator.** Annual Congress of the Swiss Society of Neuroradiology, Bern, 31.5 - 2.6.13. Musculoskeletal and peripheral nerve Imaging.
- **SGR-SSR 2014 - Poster Jury.** 101st annual Congress of the Swiss Society of Radiology (SGR-SSR), Montreux Music & Convention Center, Switzerland, June 12-14. 2014.06.12-14
- **SSNR-SSNS 2015 - Chairman.** Joint annual meeting - Swiss Societies of Neuroradiology and Neurosurgery, Lucern, 10-11 September. “Traumatic Emergency Neuroradiology”, 10:00-11:00
- **SGNR-SSNR 2016 – Annual Course.** Traumatic Neuroradiology. Bern 5.11.2016
- **SGNR-SSNR 2017 – Scientific committee and Poster Jury.** Joint Annual Meeting, Swiss Society of Neuroradiology (SGNR-SSNR) and Swiss Society of Neurosurgery (SGNC-SSNC), Bern EXPO AG, Mingerstrasse 6, 3000 Bern 22, Switzerland, June 08 – 09, 2017
https://ssns2017.congress-imk.ch/frontend/index.php?folder_id=278
- **ESO-ESMINT-ESNR Stroke winter school.** Bern Feb. **2015, 2016, 2017, 2018, 2019** [Link](#)

COURSES AND CONGRESSES ORGANIZATION / STEERING COMMITTEE

- **Mosimann P,** Michel P, Hirt L. Symposium annuel « La revascularisation de l’AVC aigu : state of the Art », Centre Cerebrovasculaire, CHUV, September 10th 2015 13h30-17h00
- **Mosimann, P,** Binaghi, S, Zerlauth, Maeder, P. Congress Organization. JFPG 28.09.2013 Aneurysms, acute stroke and carotid stenting: interventional neuroradiology in the service of patients. Post-Graduate educational symposium, CHUV-PMU, Jéquier Doge, Lausanne, CH

- Gralla J, Fischer U, Mordasini P, Jung S, **Mosimann P.** 2017, 2018, 2019 ESO-ESMINT-ESNR WinterStrokeSchool, Bern
- Chapot R, **Mosimann P.** ALICE the course. Philharmonie. Essen. 15-17 March 2022
- **P. Mosimann**, T. Krings, P. Nicholson. *Advanced INR fellows course.* 27-28 January 2023, Toronto Western Hospital, Toronto, ON, Canada
- **P. Mosimann**, T. Krings, P. Nicholson. *Advanced Neuro-Interventional Fellows Course.* 9-10 February 2024, Toronto Western Hospital, Toronto, ON, Canada
- **P. Mosimann**, B Van Adel, D. Iancu. *Cerenovus INR Fellows Course.* 13-14 September 2024, Toronto Western Hospital, Toronto, ON, Canada

TEACHING

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| • Pre-graduate teaching at the Lausanne University Hospital – CHUV (2013-2016) | <u>TOTAL</u> |
| - Teaching to 2nd year Master students - Neuroradiology seminars | 32 hours |
| - Teaching to 4th year Master students - Neuroradiology seminars | 32 hours |
| - Teaching to radiology technology students 4th year – Lausanne University | 16 hours |
| - Bedside teaching (5th year medical school students) – Lausanne University | 42 hours |
| • Pre-graduate teaching at the Bern University Hospital – Inselspital (2017-2020) | |
| - Bedside teaching (3 rd year medical school students) – Bern University | 96 hours |
| • Pre-graduate teaching at Alfried Krupp Krankenhaus Hospital – (2020-2021) | |
| - Weekly mentoring (5 th year medical school students) – Essen University | 37 hours |
| • Postgraduate teaching at the Lausanne University Hospital – CHUV (2013-2016) | |
| - Teaching Seminars for Residents – CHUV, Department of Radiology | 38 hours |
| - Workshop organizer for hands-on aneurysm/stroke/AVM management on silicone flow models and live clinical case demonstrations | 36 hours |
| - Virtual simulator teaching (interventional neuroradiology techniques, Stryker) Continuing Education, CHUV, Radiology Department. Oct. 1st 2015 | 15 hours |
| • Postgraduate teaching at the University Hospital of Bern – Inselspital (2015-2019) | |
| - Lecture, Tutorials and Animal lab Hands-on workshop, ESO-ESMINT-ESNR StrokeWinterSchool, Bern. February 2015, 2016, 2017, 2018, 2019 (2 sessions of 4 hours / animal lab + 2h tutorials + 1h lecture / year) | 55 hours |
| • Postgraduate teaching at the Alfried Krupp Hospital, Germany (2020-2022) | 28 hours |
| • Lead and co-examinator for the Swiss FMH specialist title Diagnostic and/or Interventional Neuroradiology (2017-2019) | 60 hours |
| • Postgraduate teaching at the University Health Network and University of Toronto | 4h/week |

MASTER / MD THESIS DIRECTION / SUPERVISION

Master thesis	GAUTSCHI, Dominic Matrikelnummer 14-123-996 University of Bern	Predictors of unexpected early reocclusion after succesful endovascular recanalisation in acute ischaemic stroke patients (publication in Stroke, 2018) Direction: Prof Dr med Urs Fischer Supervision: Dr med Pascal J Mosimann
Master thesis	MATRAY, Magalie Matrikelnummer 228485 (22.01.2018 EPFL Database)	Stability & deformation of hydrogels for brain aneurysms Direction: Dr Pierre-Etienne Bourban Co-Direction: Dr med Pascal J Mosimann
PhD thesis External reviewer	ZAICA Oleksiy April 5, 2023	Haptic Simulation in Cerebral Angiography: Establishing New Clinical Competency Targets . PhD Thesis in Anatomy and Cell Biology. Direction: Professor Dr Sandrine DeRibaupierre, London Western University, London, Ontario

BOOK CHAPTERS, MONOGRAPHS

Interactive Neuroanatomy pregraduate e-teaching based on personal brain dissections (created in 2002, still used in 2020), University of Geneva, Faculty of Biology and Medicine (in French)

[link to Neuroclub, University of Geneva, Faculty of Medicine](#)

INVITED SPEAKER

2010

Mosimann, P, Munier, Beck-Popovic, M, Uské, A, Meuli, R, Binaghi, S. Supra-selective ophthalmic artery catheterization followed by intra-arterial chemotherapy with melphalan: an alternative to enucleation in cases of advanced intraocular retinoblastoma. Neuro and carotid intervention. Scientific Posters. CIRSE 2010 Cardiovascular and Interventional Radiological Society of Europe. Annual meeting and postgraduate course. Valencia, Spain. October 2-6. 2010.10. Invited speaker, *Cirse2010*

Binaghi, S, **Mosimann, P**, Beck Popovic, M, Munier, F. Chimiothérapie intra-artérielle super-sélective dans l'artère ophtalmique en cas de rétinoblastome avancé chez l'enfant : Séance scientifique M5 - Neuroradiologie pédiatrique. JFR2011 59e Journées Françaises de Radiologie, 32e Journées Francophones de Radiologie, Palais des Congrès, Porte Maillot, Paris. Programme p. 312. Journal de Radiologie - Livre des résumés No 012556 P. 206. 21 au 25 octobre, 2011.11.21-25. Abstract et communication. [JFR 2011](#)

2013

Mosimann, P. Traitement endovasculaire des anévrismes Intracrâniens : la pratique courante au CHUV. JFPG 2013 Journée de Formation Post-Graduée en radiologie : Anévrismes, AVC ischémiques et sténoses carotidiennes: La neuroradiologie interventionnelle au service des patients. CHUV, PMU, Jéquier Doge, Lausanne, Suisse. Sept. 28. 2013, Invited speaker

Mosimann, P. Neuroradiologie interventionnelle en ORL. CHUV, Lausanne, Service d'ORL et de chirurgie cervico-faciale, Salle de séminaire II. Dec 12. 2013

2015

Mosimann, P. Tutorial 1 Room Pathology : Technical considerations for access and deployment of endovascular stroke treatment. ESO-ESMINT-ESNR Strokewinterschool 2015, Bern

Mosimann, P. Experience with 6/25 TrevoProVue stent retriever. Clinical cases, June 9 & 10 2015 TREVO Neurovascular Club Meeting, Hospital Clínic i Provincial de Barcelona (Prof J Macho)

Mosimann, P. Current up to date practice on endovascular treatment of acute ischemic stroke. « La revascularisation de l'AVC aigu : State of the Art ». Lausanne, CHUV, Aud. Yersin,. 10.9.2015

2016

Mosimann, P. Endovascular treatment of non-surgical Aneurysms management. Non traumatic intracranial hemorrhage. ASNR Symposium of Interventional Neuroradiology, 16 July 2016, Hotel Rogner EuropaPark, Tirana/ Albania, Invited speaker

Mosimann, P. Acute stroke organization in Lausanne, Switzerland. Management of Acute cerebral ischemia. ASNR Symposium of Interventional Neuroradiology, 16 July 2016, Hotel Rogner EuropaPark, Tirana/ Albania, Invited speaker

Mosimann, P. The minimal diagnostic workup and follow up for unruptured intracranial aneurysms. Swiss Young Neurosurgeons Society (SYNS). 8th SYNS Symposium “Vascular Neurosurgery”, 26-28.8.2016, Weggis, Switzerland, Invited speaker

Mosimann, P. Current progress and limitations of endovascular management of cerebral aneurysms. Swiss Young Neurosurgeons Society (SYNS). 8th SYNS Symposium “Vascular Neurosurgery”, 26-28.8.2016, Weggis, Switzerland, Invited speaker

Mosimann, P. Endovascular strategies for cerebral AVMs. Swiss Young Neurosurgeons Society (SYNS). 8th SYNS Symposium “Vascular Neurosurgery”, 26-28.8.2016, Weggis, Switzerland, Invited speaker

Mosimann, P. Imaging of Cervical Spine Trauma. SGNR-SSNR Educational Course 2016 - Course Lecturer. Inselspital, Bern 5.11.2016, Invited speaker
<https://www.swissneuroradiology.ch/de/lehre/tagungen-kurse-der-sgnr.html>

Mosimann, P. Acute stroke care organization in Lausanne with a focus on endovascular treatment. USZ 2016 Schlaganfall-Netzwerktreffen (Prof A.Luft), June 30 2016, UniversitätSpital Zürich, Klinik für Neurologie, Invited speaker

2017

Mosimann P. ABC-WIN Seminar January 2017, Val d'Isère, France – Moderator and chair for the afternoon session (miscellaneous section). <http://www.abcwin-seminar.com/programme-2017>

Mosimann P. MRI for practitioners: Workshop on vascular and infectious disorders of the spine. Schweizerische Neurologische Gesellschaft, Jahrestagung - Interlaken, 28-29.9.2017
2018

Mosimann P. Plenary session. Endovascular treatment: does age matter? ESO-ESMINT-ESNR Strokewinterschool 2018, Hörsaal Langhans Pathologie, Inselspital, Bern

Mosimann P. Stroke Master Class. Thrombectomy in Acute Stroke Management (Guest speaker). Forest Pines Hotel, Broughton, Ermine St, Broughton, Brigg DN20 0AQ, England, United Kingdom. 3rd of May 2018. <https://basp.ac.uk/wp-content/uploads/2018/03/Programme-Stroke-Masterclass-3rd-MAY-2018-1.pdf>

Mosimann P. e-web-Congress. Vue d'ailleurs: triage et régulation en Suisse. Fondation Rothschild, Paris, 4.5.2018. <https://www.eneurovasc.com/fr/event/details/1>

Mosimann P. SGNR-SSNC joint meeting 2018 – Chairman of the satellite symposium on Drug Coated endovascular PTA Balloons in neuroradiology. Annual Congress of the Swiss Society of Neuroradiology and the Swiss Society of Neurosurgery, Lugano, 23.5 - 26.5.18
https://ssns2018.congress-imk.ch/frontend/index.php?folder_id=322

Mosimann, P. Invited speaker. Imaging of bacterial and viral infections of the spine. SGNR-SSNR Educational Course 2018 - Imaging in Spinal Diseases. Course Lecturer. Inselspital, Bern 3.11.2018
<https://www.swissneuroradiology.ch/de/lehre/tagungen-kurse-der-sgnr.html>

Mosimann, P. Chairman / moderator, Interventional Neuroradiology Session. SGNR-SSNR Educational Course 2018 - Imaging in Spinal Diseases. Inselspital, Bern 3.11.2018
<https://www.swissneuroradiology.ch/de/lehre/tagungen-kurse-der-sgnr.html>

2019

Mosimann P. Plenary session podium presentation. "Stroke triage: we need MR!" ESO-ESMINT-ESNR Strokewinterschool 30.1.2019, Hörsaal Langhans Pathologie, Inselspital, Bern

Mosimann P. *Balloon-assisted Coilembolization of cerebral aneurysms.* HINT Course, University of Heidelberg, Germany 11-12 April 2019, Invited speaker, Podium presentation

Mosimann P. *AVM treatments in Switzerland. AVM treatment - live course,* NeuroAddicts Society, Alamy, Kazakhstan, Central Clinical Hospital JSC, 28-30 June 2019, Faculty / Invited speaker

Pileggi M, Isalberti M, Merlani P, Reinert M, **Mosimann PJ**, Cianfoni A. *Stellate ganglion block combined with intra-arterial treatment: a one-stop shop for cerebral vasospasm after aneurysmal subarachnoid hemorrhage.* Oral presentation O262 08:48-08:54, WFITN meeting 24.10.2019, Naples / Italy

Mosimann P. Session 3: Subarachnoidale Blutung Kontrovers, 14:40: Aneurysmaversorgung - in die Hände des Neuroradiologen. «Entzündliche und vaskuläre Erkrankungen des Nervensystems», Deutsche Gesellschaft für Neurologie Fortbildungsseminar, 08-09.11.2019, Alfried-Krupp Krankenhaus, Essen, Germany

Mosimann, P. Chairman / moderator. SGNR-SSNR Educational Course 2019 – Peripheral Nervous and Neuromuscular Imaging. Inselspital, Bern 16.11.2019
<https://www.swissneuroradiology.ch/de/lehre/tagungen-kurse-der-sgnr.html>

2020

Mosimann P, Chapot R. ESMINT congress 2020. Debate Session: Centralization of AVM, DAVF, spinal (pro: P. Mosimann - select only few INR centres; Con: Prof C. Cognard, Toulouse, France), Virtual conference, Thursday 10.09.2020.
<https://www.professionalabstracts.com/esmint2020/iplanner/#/grid/1599696000>

Mosimann P. Educational Zoom Webinar. Early experience with the Silk Vista mama Flow Diverter Device. Essen, Germany 10th and 24th October 2020 (30-minute presentation).

2021

Mosimann P. Role of endovascular sympathectomy for the treatment of vasospasm following subarachnoid hemorrhage. Invited speaker. **ICENS 2021**, Moscow, Russia. Plenary session: future of Neurointervention and Research, Saturday 15.05.2021. <http://www.icens2021.com>

Mosimann P. Endovascular sympathectomy for the treatment of vasospasm: a new therapeutic option? Invited speaker. **INR Symposium 2021**, Toronto, Canada. Plenary session. Saturday 18.09.2021. <https://inrsymposium.ca/agenda/>

2022

Mosimann P. Distal thrombectomy: how far and what evidence? Invited speaker. **INR Symposium 2022**, Toronto, Canada. Plenary session. Saturday 18.09.2022.
<https://inrsymposium.ca/agenda/>

Mosimann P. Reduced Invasiveness in the Treatment of brain AVMs. Update on the transvenous techniques. Invited speaker. **8th ISMINS Webinar**. September 9, 2022.

POSTERS, ABSTRACTS, COMMUNICATIONS AND PUBLICATIONS WITHIN SCIENTIFIC MEETINGS

2010

1. **Mosimann PJ,** Munier F, Beck-Popovic M, Uské A, Meuli R, Binaghi S, Superselective ophthalmic artery chemotherapy with Melphalan for intraocular retinoblastoma, in **SSR 2010**, 97th Annual

meeting of the Swiss Society of Radiology, Palazzo congressi, Lugano, June 3-5. Prog p. 48 Poster.
Prix du poster 2010. 2010.06. http://www.medicalforum.ch/pdf/pdf_d/2010/Suppl_51.pdf

2011

2. Bruguier C, **Mosimann P**, P. V, Uské A, Binaghi S, Doenz F, Mangin P, Grabherr S. Artefacts of post-mortem CT angiography. **IAFS2011 International Academy of Forensic Sciences** 19th IAFS World Meeting, 9th WPMO Triennial Meeting, Vth MAFS Meeting (International association of Forensic Sciences, World Police Medical Officers, Mediterranean Academy of Forensic Sciences). Funchal - Madeira - Portugal; 2011.09.14
3. **Mosimann, PJ.**, et al., Adjonction d'un anesthésique local intra-articulaire lors d'arthro-TDM/IRM : utilité et avantages de la Bupivacaïne. Séance scientifique "S6 - Gestion des risques en radiologie interventionnelle ostéo-articulaire", in **JFR2011** 59e Journées Françaises de Radiologie, 32e Journées Francophones de Radiologie, Palais des Congrès, Porte Maillot, Paris ; Programme p. 155. Journal de radiologie, E-Livre des *résumés* No 012618, P. 2202011.11.21-25
4. Bruguier C, **Mosimann P**, Uské A, Binaghi S, Doenz F, Vaucher L, Mangin JF, Grabherr S. Artefacts of post-mortem angio-CT. New Techniques - Diagnostic Imaging I. **ISALM2011** 8th International Symposium on Advances in Legal Medicine (ISALM) held in Frankfurt/Main, Germany; 2011.09.26-30
5. Binaghi, S, **Mosimann, P**, Beck Popovic, M, Munier, F. Chimiothérapie intra-artérielle super-sélective dans l'artère ophtalmique en cas de rétinoblastome avancé chez l'enfant : Séance scientifique M5 - Neuroradiologie pédiatrique. **JFR2011** 59e Journées Françaises de Radiologie, 32e Journées Francophones de Radiologie, Palais des Congrès, Porte Maillot, Paris. Programme p. 312. Journal de Radiologie - Livre des résumés No 012556 P. 206. 21 au 25 octobre. 2011.11.21-25. Abstract et communication. [JFR 2011](#)

2012

6. Bruguier, C, **Mosimann, P**, Vaucher, P, Uské, A, Doenz, F, Mangin, JF, Grabherr, S. Technique-related artefacts and pitfalls of MPMCTA. **The first Virtangio Workshop**. Lausanne from November 5th to 6th, 2012. 2012.11.5-6. <http://www.curml.ch/>
7. **P Mosimann**, JP Saint-Maurice, A Aymard, F Puccinelli, E Houdart . How would you have treated this aneurysm? **ABC-WIN seminar 2012**, Val d'Isère, France. Scientific session on Aneurysms. Oral presentation 01.18.2012WIN. http://abcwin-seminar.com/wp-content/uploads/programme_final_2012.pdf
8. E Houdart, **P Mosimann**, JP Saint-Maurice, MA Labeyrie. Interest of microcatheter with long detachable tip for cortical AVM treated by Onyx injection. **ABC-WIN seminar 2012**, Val d'Isère, France. Scientific session on Aneurysms. 01.19.2012WIN. Oral presentation http://abcwin-seminar.com/wp-content/uploads/programme_final_2012.pdf

2013

9. **P Mosimann**, J Krause, R Chapot . SUFOCATE PRO: Study for Cerebral Aneurysms Treated with Prolonged balloon inflation times. **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.17.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
10. J Krause, **P Mosimann**, P Stracke, K Waschke, R Chapot. Dedicated Neuroanesthesiology in Endovascular Procedures. **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.14.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
11. R Chapot, M Heddier, **P Mosimann**, M Stauder, H Nordmeyer, A Velasco. Patency of a side branch as a factor to explain failure of flow diverters. **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.15.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
12. R Chapot, M Heddier, **P Mosimann**, M Stauder, H Nordmeyer, A Velasco. Post coiling-stenting through the remodeling balloon: experience in 120 patients. **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.16.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
13. R Chapot, **P Mosimann**. "T" Time for aneurysms: another approach to double-stenting. **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.16.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
14. R Chapot, H Nordmeyer, **P Mosimann**, M Heddier. Is there still a place for stent grafts? **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.16.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
15. R Chapot, **P Mosimann**, H Nordmeyer, M Stauder, M Heddier, J Krause. The Pressure Cooker Technique to treat brain AVMs. **ABC-WIN seminar 2013**, Val d'Isère, France. Scientific session on Aneurysms. 01.17.2013WIN. Oral presentation. <http://abcwin-seminar.com/programme-2013/>
16. **P Mosimann**, A Velasco, J Krause, M Heddier, H Nordmeyer, P Schoos, M Stauder, P Stracke, R Chapot. SUFOCATE PRO: Study for Cerebral Aneurysms Treated with Prolonged balloon inflation times. **12th WFITN Congress** - 9th to 14th November 2013 - Hotel Hilton - Buenos Aires - Argentina

2016

17. **Mosimann, P**. Eligibility for revascularization in acute stroke: a 12 year single center statistics. abstract number 228 Poster presentation No 288 Session P2 on 4/17/2016. **AAN 2016** The American Academy of Neurology 68th Annual Meeting in Vancouver, BC, April 15-21. Abstract and Poster presentation. <https://www.aan.com/conferences/2016-annual-meeting>
18. **Mosimann P**. Copernic 2L: A new dual lumen balloon for safer coiling and stenting in large arteries. Preliminary experience. **8th annual ESMINT congress**. New technology symposium session. Saturday 10th September 2016. Nice, France

2017

19. R Chapot, P Stracke, H Nordmeyer, M Heddier, **P Mosimann**. How frequent are ischemic complications more than one year after placement of a flow diverter? **ABC-WIN seminar 2017**, Val d'Isère, France. Scientific session on Aneurysms. 01.17.2017WIN. Oral presentation.
<http://abcwin-seminar.com/programme-2017/>

2018

20. **Mosimann P**. Stroke Master Class. Thrombectomy in Acute Stroke Management (Guest speaker). Forest Pines Hotel, Broughton, Ermine St, Broughton, Brigg DN20 0AQ, England, United Kingdom. 3rd of May 2018. <https://basp.ac.uk/wp-content/uploads/2018/03/Programme-Stroke-Masterclass-3rd-MAY-2018-1.pdf>
21. **Mosimann P**. e-web-Congress. Vue d'ailleurs: triage et régulation en Suisse. Philharmonie, Paris, 4.5.2018. <https://www.eneurovasc.com/fr/event/details/1>
22. **Mosimann P**. SGNR-SSNC joint meeting 2018 – Chairman of the satellite symposium on Drug Coated endovascular PTA Balloons in neuroradiology. Annual Congress of the Swiss Society of Neuroradiology and the Swiss Society of Neurosurgery, Lugano, 23.5 - 26.5.18.
https://ssns2018.congress-imb.ch/frontend/index.php?folder_id=322
23. ESMINT Congress 2018, Nice, 6-8 September 2018; **Mosimann P. Chairman** (Delegate Cases Plenary Session, 8.9.2018, 14:00-15:30).
<https://congress.esmint.eu/esmintcongress2018/scientific-programme/scientific-programme.html>
24. ESMINT Congress 2018, Nice, 6-8 September 2018; **Mosimann P Invited speaker** Title: Target = TICI 2B/3 or only TICI 3? Stroke Plenary Session with ESO (7.9.2018, 17:00-18:30).
<https://congress.esmint.eu/esmintcongress2018/scientific-programme/scientific-programme.html>
25. **Mosimann P**. Imaging of bacterial and viral infections of the spine. SGNR-SSNR Educational Course 2018 – Plenary session. Inselspital, Bern 3.11.2018. **Invited speaker**
<https://www.swissneuroradiology.ch/de/lehre/tagungen-kurse-der-sgnr.html>
26. Bervini D, **Mosimann P**. The value of consecutive diagnostic angiography in patients with hemorrhagic brain arteriovenous malformations: A cohort study. **Oral communication**
<https://www.avm2018.org/programme-2018>

2019

27. ABC-WIN Seminar Val d'Isère 2019. Mordasini P, **Mosimann P**, Piechowiak E, Dobrocky T, Horisberger T, Gralla J. **Oral communication**. Visualization of neurodevices in neurointervention: short technical note. Bern University Hospital –Inselspital

28. Swiss Medtech day 06.06.2019. Kursaal Bern. Guillaume Petit-Pierre, Marc Boers, Philippe Renaud, **Mosimann P.** « Towards the development of a novel endovascular therapy for stroke ». Plenary session. <https://www.swissmedtechday.ch/programme>

2020

29. ABC-WIN Seminar Val d'Isère INR meeting. **Mosimann P**, Hakim A. **Oral communication.** *Cinematic rendering for brain AVMs using DSA.* Bern University Hospital –Inselspital
30. European Society of Biomechanics, 26th congress, Milan 12-15.07.2020. Long-term implantation of hydrogels into cerebral aneurysms models
Poupart, Oriane; Schmocker, Andreas; **Mosimann, Pascal**; Pioletti, Dominique
<https://esbiomech.org/conference/esb2020/abstracts/>

2021

31. Balt Prime Educational talks International meeting. Swissotel, Istanbul, Turkey. 25-27.11.2021. **Mosimann P.** Kissing low profile Flow diverters in large Acom aneurysms. **Oral communication.**
32. Balt Prime Educational talks International meeting. Swissotel, Istanbul, Turkey. 25-27.11.2021. **Mosimann P.** Combined endovascular and microsurgical approach of a ruptured AVM during pregnancy. **Oral communication**
33. Microvention education online seminar. July 14th 2021. Mosimann P. Balloon-assisted Hydrocoil embolization followed by LVIS EVO stent: an optimal treatment paradigm for long-term occlusion? **e-communication** via zoom.

2022

34. ALICE course in Essen, Philharmonie, Essen, Germany. 17.3.2022 *Curative transvenous embolization of AVMs causing trigeminal neuralgia. Case series.* **Oral communication.**
35. ALICE course in Essen, Philharmonie, Essen, Germany. 17.3.2022. ALICE in trouble: handling complications. **Oral communication.**
36. Balt Prime Educational talks International meeting. 8.4.2022. Melia Hotel, Rome, Italy. **Mosimann P.** Curative TVE embolization of a lateropontine AVM causing trigeminal neuralgia. **Oral communication.**
37. Balt Prime Educational talks International meeting. 9.4.2022. Melia Hotel, Rome, Italy. **Mosimann P.** The Sandwich technique to treat failed ICA Aneurysms. **Oral communication**
38. ABC-WIN Seminar Val d'Isère INR meeting. 26.4.2022, 17:30. **Mosimann P**, Chapot R. **Oral communication.** *Curative transvenous embolization of trigeminal AVMs.* Alfried-Krupp Krankenhaus, Germany.

2023

39. ABC-WIN Seminar Val d'Isère INR meeting. *Experience in kissing Flow Diverters in large bifurcation aneurysms*. Chapot R, Yamac E, Wallocha M, Rudnicka S, Arnberg F, **Mosimann P**
40. Canadian Interventional Neuro Group (CING) Morbi-mortality / complications meeting. **Invited speaker**. *Sensitive topics not disclosed publicly*. June 2-4, 2023. Rimrock Hotel, Banff, Alberta, Canada
41. SWITCH2023: Stroke Workshop on Imaging and Treatment CHallenges joint meeting with Medical Image Computing and Computer Assisted Intervention (MICCAI): October 12, 2023 **Mosimann P**. Keynote speaker, oral communication. *Remote neurovascular interventions: myth or reality?* Vancouver Convention Centre, BC, Canada

2024

42. ABC-WIN Seminar Val d'Isère INR meeting. **Oral communication**. 14-19 Jan 2024. *100% contrast filling 3 years despite perfect fit of a web inside an acom aneurysm. What now?* **Mosimann P**, UHN / UMIT - Toronto Western Hospital and University of Toronto, Toronto, CANADA
43. ABC-WIN Seminar Val d'Isère INR meeting. **Oral communication**. 14-19 Jan 2024. *Transvenous embolization of superficial right temporal AVM with en passage feeders: good indication?* **Mosimann P**, UHN / UMIT - Toronto Western Hospital and University of Toronto, Toronto, CANADA
44. Balt symposium, Athens, Grande Bretagne Hotel, Greece. **Invited speaker**. 30 Jan – 1 Feb 2024. *Legends never die: 20 years of Leo stent*. Mosimann P, UHN / UMIT - Toronto Western Hospital and University of Toronto, Toronto, CANADA
45. Queen Square Interventional Neuroradiology Symposium (QUINS). Thursday March 14th and Friday March 15th 2024. RSA House, 8 John Adam Street, London, UK. **Invited speaker**. *Deconstructing complex AVMs for curative intent. DEBATE 1: Staged or single session AVM treatment? DEBATE 2: Single or multimodal treatment for bAVMs? Management of diffuse AVMs. DEBATE 3: MCA bifurcation aneurysms: Reconstruct the MCA with stents or intrasaccular device?*
46. Stroke Live INR Course (SLICE) Next Frontiers. 3-4 April, 2024, Centre Hospitalier Gui de Chauliac, Montpellier, France. **Invited speaker and moderator**.
<https://masterandfellow.com/slice/nf/edition>
47. Croatian Complications Course (CroCo). **Invited speaker**. *Sensitive topics not disclosed publicly*. 3-5 May 2024. D resort, Šibenik, Croatia
48. Cerebrovascular Surgery International Course, Temerty Advanced Surgical Education and Simulation Centre, Michener Institute of Education at UHN Toronto, ON Canada. May 19-21, 2024. <https://events.myconferencesuite.com/CSIC2024/page/Program> **Invited speaker**.

Endovascular treatment of AVMs. **Mentor** for hands-on sessions on INR simulators.

49. Canadian Interventional Neuro Group (CING) Morbi-mortality / complications meeting. **Invited speaker.** *Sensitive topics not disclosed publicly.* Friday May 24 to Sunday May 26, 2024. The Prince of Wales Hotel, Niagara-on-the-Lake, ON, Canada
50. 5T Think Tank organized by Prof M Goyal, Calgary. September 19-20, 2024. Rimrock Hotel, Banff, Alberta, Canada. **Invited speaker.**

PUBLICATIONS (PEER REVIEWED)

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Google Scholar H-index = 32 / i10-index = 63

<https://scholar.google.com/citations?user=V9f2SxYAAAAJ>

Scopus H-Index = 29 (Mosimann P. ; Mosimann P.J. ; Mosimann PJ)

<https://www.scopus.com/>

Web of Science H-Index = 28

<https://publons.com/researcher/4108037/pascal-mosimann/>

Pubmed <https://www.ncbi.nlm.nih.gov/pubmed/?term=mosimann+p>

Number of contributions as **(co-) first** or **(co-) last author** (* and underlined) = 30

2024

1. Diana F, Romoli M, Raz E, Agid R, Albuquerque FC, Arthur AS, Beck J, Berge J, Boogaarts HD, Burkhardt JK, Cenzato M, Chapot R, Charbel FT, Desal H, Esposito G, Fifi JT, Florian S, Gruber A, Hassan AE, Jabbour P, Jadhav AP, Korja M, Krings T, Lanzino G, Meling TR, Morcos J, **Mosimann PJ**, Nossek E, Pereira VM, Raabe A, Regli L, Rohde V, Siddiqui AH, Tanikawa R, Tjoumakaris SI, Tomasello A, Vajkoczy P, Valvassori L, Velinov N, Walsh D, Woo H, Xu B, Yoshimura S, van Zwam WH, Peschillo S. *Complex intracranial aneurysms: a DELPHI study to define associated characteristics.* Acta Neurochir (Wien). 2024 Jul 11;166(1):294. doi: 10.1007/s00701-024-06182-z. PMID: 38990336
2. Lindgren A, Ahmed SU, Bodani V, Chung E, Agid R, Barazarte HA, Nicholson PJ, Schaafsma JD, Radovanovic I, Terbrugge K, **Mosimann PJ**, Krings T, Hendriks EJ. *Embolization techniques of spontaneous direct carotid-cavernous fistulae: a single-center experience.* Neuroradiology. 2024 Sep;66(9):1625-1633. doi: 10.1007/s00234-024-03389-w. Epub 2024 Jun 13. PMID: 38869517
3. Handzic A, Xie JS, Hendriks E, **Mosimann P**, Nicholson P, Micieli J, Margolin E. *Visual and Pharmacotherapy Outcomes After Transverse Sinus Stenting for Idiopathic Intracranial Hypertension.* J Neuroophthalmol. 2024 Apr 17. doi: 10.1097/WNO.0000000000002156. PMID: 3862788

2023

4. Handzic A, Ahmed SU, **Mosimann P**, Krings T, Daniel S, Margolin E. *Carotid Cavernous Sinus Fistula Supplied by an Embryological Variant of the Ophthalmic Artery Causing Posterior Ischemic Optic Neuropathy and Ophthalmoplegia*. *J Neuroophthalmol*. 2023 Oct 12. doi: 10.1097/WNO.0000000000002010
5. Ognard J, Magro E, Caroff J, Bodani V, **Mosimann PJ***, Gentric JC*. Endovascular Management of Brain Arteriovenous Malformations. *Semin Neurol*. 2023 Jun;43(3):323-336. doi: 10.1055/a-2105-6614. Epub 2023 Jun 5. PMID: 37276887.
6. Guenego A, Fahed R, Rouchaud A, Walker G, Faizy TD, Sporns PB, Aggour M, Jabbour P, Alexandre AM, **Mosimann PJ**, Dmytriw AA, Ligot N, Sadeghi N, Dai C, Hassan AE, Pereira VM, Singer J, Heit JJ, Taccone FS, Chen M, Fiehler J, Lubicz B; Research Committee of the European Society of Minimally Invasive Neurological Therapy (ESMINT). Diagnosis and endovascular management of vasospasm after aneurysmal subarachnoid hemorrhage - survey of real-life practices. *J Neurointerv Surg*. 2023 Jul 27:jnis-2023-020544. doi: 10.1136/jnis-2023-020544. Epub ahead of print. PMID: 37500477.
7. Cheng H-C, Bodani V, Chung E, **Mosimann PJ**. *The Transvenous Retrograde Pressure Cooker Technique for Embolization of an Ethmoidal Dural Arteriovenous Fistula*. *J Neurointerv Surg*. 2023 May 16:jnis-2023-020393. doi: 10.1136/jnis-2023-020393

2022

8. **Mosimann PJ**, Yamac E, Wallocha M, Ayad A, Chapot R. *LVIS EVO stent-through-balloon after hydrocoils embolization of intracranial aneurysms: One-year results*. *Interv Neuroradiol*. 2022 Nov 14:15910199221138151. doi: 10.1177/15910199221138151. Epub ahead of print. PMID: 36377272.
9. Styczen H, Maus V, Goertz L, Köhrmann M, Kleinschnitz C, Fischer S, Möhlenbruch M, Mühlen I, Kallmünzer B, Dorn F, Lakghomi A, Gawlitza M, Kaiser D, Klisch J, Lobsien D, Rohde S, Ellrichmann G, Behme D, Thormann M, Flottmann F, Winkelmeier L, Gizewski ER, Mayer-Suess L, Boeckh-Behrens T, Riederer I, Klingebiel R, Berger B, Schlunz-Hendann M, Grieb D, Khanafer A, du Mesnil de Rochemont R, Arendt C, Altenbernd J, Schlump JU, Ringelstein A, Sanio VJM, Loehr C, Dahlke AM, Brockmann C, Reder S, Sure U, Li Y, Mühl-Benninghaus R, Rodt T, Kallenberg K, Durutya A, Elsharkawy M, Stracke P, Schumann MG, Bock A, Nikoubashman O, Wiesmann M, Henkes H, **Mosimann PJ**, Chapot R, Forsting M, Deuschl C. *Mechanical thrombectomy for acute ischemic stroke in COVID-19 patients: multicenter experience in 111 cases*. *J Neurointerv Surg*. 2022 Mar 15:neurintsurg-2022-018723. doi: 10.1136/neurintsurg-2022-018723. Epub ahead of print. PMID: 35292572; PMCID: PMC8931799.

2021

10. Kerleroux B, Benzakoun J, Janot K, Dargazanli C, Eraya DD, Ben Hassen W, Zhu F, Gory B, Hak JF, Perot C, Detraz L, Bourcier R, Aymeric R, Forestier G, Marnat G, Gariel F, Mordasini P, Seners P, Turc G, Kaesmacher J, Oppenheim C, Naggara O, Boulouis G; JENI Research Collaborative. *Relevance of Brain Regions' Eloquence Assessment in Patients With a Large Ischemic Core Treated With Mechanical Thrombectomy*. *Neurology*. 2021 Nov 16;97(20):e1975-e1985. doi: 10.1212/WNL.0000000000012863. Epub 2021 Oct 14. PMID: 34649871.

11. Rikhtegar R*, **Mosimann PJ***, Rothaupt J, Mirza-Aghazadeh-Attari M, Hallaj S, Yousefi M, Amiri A, Farashi E, Kheyrollahiyan A, Dolati S. *Non-coding RNAs role in intracranial aneurysm: General principles with focus on inflammation*. **Life Sci**. 2021 Aug 1;278:119617. doi: 10.1016/j.lfs.2021.119617. Epub 2021 May 15. PMID: 34004250.
12. Aydin K, Stracke P, Berdikhojayev M, Barburuglu M, **Mosimann P**, Suleimankulov N, Sarshayev M, Sencer S, Chapot R. *In Reply: Safety, Efficacy, and Durability of Stent Plus Balloon-Assisted Coiling for the Treatment of Wide-Necked Intracranial Bifurcation Aneurysms*. **Neurosurgery**. 2021 Aug 19: nyab323. doi: 10.1093/neuros/nyab323. Epub ahead of print. PMID: 34409998.
13. Beyeler M, Weber L, Kurmann CC, Piechowiak EI, **Mosimann PJ**, Zibold F, Meinel TR, Branca M, Goeldlin M, Pilgram-Pastor SM, Grunder L, Arnold M, Seiffge D, Meier R, Heldner MR, Dobrocky T, Mordasini P, Gralla J, Fischer U, Kaesmacher J. *Association of reperfusion success and emboli in new territories with long term mortality after mechanical thrombectomy*. **J Neurointerv Surg**. 2021 Apr 28: neurintsurg-2021-017422. doi: 10.1136/neurintsurg-2021-017422. PMID: 33911015.
14. Clarencon F, Wallocha M, **Mosimann PJ**, Sourour N, Chapot R. *Pressure Cooker Technique for Endovascular Treatment of Spinal Arteriovenous Fistulas: Experience in 15 cases*. **AJNR Am J Neuroradiol**. 2021 Mar 25. doi: 10.3174/ajnr. A7078. Epub ahead of print. PMID: 33766821.
15. Pileggi M*, **Mosimann PJ***, Isalberti M, Merlani P, Reinert M, Piechowiak EI, Cianfoni A. *Stellate ganglion block combined with intra-arterial treatment: a “one-stop shop” for cerebral vasospasm after aneurysmal subarachnoid hemorrhage*. **Journal of Neuroradiology**
16. Chapot R, Wallocha M, Yamac E, Rikhtegar R, **Mosimann P**. *Bailout Stentectomy of 47 self-expandable intracranial stents: a single-center experience*. Accepted on 27.2.2021 in **J Neurointerv Surg**. 2021
17. Aydin K, Berdikhojayev M, Stracke P, **Mosimann PJ**, Barburuglu M, Suleimankulov N, Sarshayev M, Sencer S, Chapot R. *Safety, efficacy and midterm durability of stent plus balloon-assisted coiling for the treatment of wide-necked intracranial bifurcation aneurysms* **Neurosurgery**. 2021 Feb 11: nyaa590. doi: 10.1093/neuros/nyaa590. Epub ahead of print. PMID: 33575798.
18. Kaesmacher J, Meinel TR, Kurmann C, Zaidat OO, Castonguay AC, Zaidi SF, Mueller-Kronast N, Kappelhof M, Dippel DWJ, Soudant M, Bracard S, Hill MD, Goyal M, Strbian D, Heiferman DM, Ashley W, Anadani M, Spiotta AM, Dobrocky T, Piechowiak EI, Arnold M, Goeldlin M, Seiffge D, **Mosimann PJ**, Mordasini P, Gralla J, Fischer U. *Safety and efficacy of intra-arterial fibrinolytics as adjunct to mechanical thrombectomy: a systematic review and meta-analysis of observational data*. **J Neurointerv Surg**. 2021 Jan 29: neurintsurg-2020-016680. doi: 10.1136/neurintsurg-2020-016680. Epub ahead of print. PMID: 33514609.
19. Poupart O, Conti R, Schmocker A, Pancaldi L, Moser C, Nuss KM, Sakar MS, Dobrocky T, Grützmacher H, **Mosimann PJ***, Pioletti D*. *Pulsatile flow-induced fatigue-resistant photopolymerizable hydrogels for the treatment of intracranial aneurysms*. **Front Bioeng Biotechnol**. 2021 Jan 20; 8:619858. doi: 10.3389/fbioe.2020.619858. PMID: 33553124; PMCID: PMC7855579.

20. Pancaldi L, Dirix P, Fanelli A, Lima AM, Stergiopoulos N, **Mosimann PJ**, Ghezzi D, Sakar MS. *Flow driven robotic navigation of microengineered endovascular probes*. **Nature Communications** 2020 Dec 22;11(1):6356. doi: 10.1038/s41467-020-20195-z. PMID: 33353938; PMCID: PMC7755921.
21. Rikhtegar R*, **Mosimann PJ***, Weber R, Wallocha M, Yamac E, Aghazadeh-Attari MM, Chapot R. *Effectiveness of very low profile thrombectomy device in primary distal medium vessel occlusion, as rescue therapy after incomplete proximal recanalization or following iatrogenic thromboembolic events*. **J Neurointerv Surg**. 2021 Jan 19: neurintsurg-2020-017035. doi: 10.1136/neurintsurg-2020-017035. Epub ahead of print. PMID: 33468609.
22. Hajdu SD, Kaesmacher J, Michel PP, Sirimarco G, Knebel JF, Bartolini B, Kurmann CC, Puccinelli F, **Mosimann PJ**, Bonvin C, Arnold PM, Niederhäuser J, Eskandari A, Mordasini P, Gralla PJ, Fischer PU, Saliou PG. *Association of Time of Day When Endovascular Therapy for Stroke Starts and Functional Outcome*. **Neurology**. 2021 Jan 4:10.1212/WNL.0000000000011449. doi: 10.1212/WNL.0000000000011449. Epub ahead of print. PMID: 33397770.

2020

23. Müller MD, Seidel K, Peschi G, Piechowiak E, **Mosimann PJ**, Schucht P, Raabe A, Bervini D. *Arterial collateral anatomy predicts the risk for intra-operative changes in somatosensory evoked potentials in patients undergoing carotid endarterectomy: a prospective cohort study*. **Acta Neurochir (Wien)**. 2020 Oct 24. doi: 10.1007/s00701-020-04624-y. Epub ahead of print. PMID: 33099692.
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