

Vito Stifano

ESPERIENZA LAVORATIVA

Fondazione Policlinico Universitario IRCCS A. Gemelli, Roma (Italia) 01/04/2021-presente
Consulente Neurochirurgo

FORMAZIONE

Università Cattolica del Sacro Cuore – IRCCS A. Gemelli, Roma (Italia) 01/12/2020-presente
Dottorando – Neuroscienze

Università Cattolica del Sacro Cuore – IRCCS A. Gemelli, Roma (Italia) 01/11/2015-15/10/2020
Medico in formazione specialistica in neurochirurgia 70/70 magna cum laude
Tesi sperimentale: la realtà aumentata in neurochirurgia:
il Sistema NeuroVis nella pianificazione del trattamento di aneurismi cerebrali non rotti”

Neurosurgical Innovations and Training Center - Weill Cornell Medicine, New York (USA) 01/08/2019-31/12/2019
Skull Base Neurosurgery Fellow

San Filippo Neri Hospital/ASL Roma 1, Roma (Italia) 28/01/2019-31/07/2019
Medico in formazione specialistica in neurochirurgia

**Fondazione Policlinico Universitario A. Gemelli –
Università Cattolica del Sacro Cuore, Roma (Italia)** 01/10/2008-22/10/2014
Laurea magistrale in medicina e chirurgia 110/110 magna cum laude
Tesi sperimentale: “Il trattamento degli aneurismi cerebrali non rotti”

**Fondazione Policlinico Universitario A. Gemelli –
Università Cattolica del Sacro Cuore, Roma (Italia)** 01/02/2013-22/10/2015
Internato in Neurochirurgia, Istituto di Neurochirurgia

Jordan University of Science and Technology, Irbid (Giordania) 01/04/2012-20/04/2012
Studente in programma di scambio internazionale
Internato clinico in Neurologia e Neurochirurgia

Liceo Scientifico Leonardo Da Vinci, Vallo della Lucania (Italia) 2003-2008
Diploma di Scuola Media superiore 100/100

CORSI

SURGEM, Roma (Italia)

Membro della faculty per il corso "Endoscopic transnasal skull base surgery" 12/05/2023-15/05/2023

ICLO, Verona (Italia)

Tutor durante il corso "Antero-Lateral Skull Base surgical approaches. 02/07/2021-04/07/2021
"Hands-on" Master Course: reconstruction and indications"

Neurosurgical Innovations and Training Center - Weill Cornell Medicine, New York (USA) 12/12/2019-14/12/2019

Tutor durante il corso "Complex Surgical Approaches to the Skull Base"

Mosca (Russia)

05/05/2019-08/05/2019

EANS Training Course: Tumori

ICLO, Arezzo (Italia)

10/04/2019-12/04/2019

Ninth International Course: Basic Neurosurgical Approaches

Humanitas Research Hospital, Rozzano (Italia)

09/11/2018-10/11/2018

Live surgery and hands-on navigation in spinal surgery

Belgrado (Serbia)

27/05/2018-31/05/2018

EANS Training Course: Traumatic head injury and functional neurosurgery

ICLO, Arezzo (Italia)

06/04/2018-07/04/2018

Training course "Surgery of the ponto-cerebellar angle"

ICLO, Arezzo (Italia)

02/12/2017-03/12/2017

Training course "Hands on in Neurosurgery: endoscopic and peripheral nerves surgery"

Università Politecnica delle Marche, Ancona (Italia)

09/03/2017-10/03/2017

VII Course for neurosurgery residents: "Cervical myelopathy and antero-lateral approaches to thoracic and lumbar spine"

Pratica di Mare (RM) (Italia)

21/11/2016-22/11/2016

XXX Young Neurosurgeons Course

Wet lab: experimental neurosurgery in vivo on animal models/Dry lab: cervical and lumbar spine surgery

Università Politecnica delle Marche, Sirolo (AN) (Italia)

06/07/2016-08/07/2016

ICLO, Arezzo (Italia)

18/06/2016–19/06/2016

Training course "Hands on in Neurosurgery"

ICLO, Arezzo (Italia)

07/03/2014–08/03/2014

Training course: "Hands on in Neurosurgery"

PUBLICATIONS

Management of residual subdural hematoma after burr-hole evacuation. The role of fluid therapy and review of the literature. Montano N, **Stifano V**, Skrap B, Mazzucchi E. J Clin Neurosci. 2017 Dec;46:26-29. doi: 10.1016/j.jocn.2017.08.041. Epub 2017 Sep 5.

Intracranial aneurysms of the posterior circulation associated with a fenestration: a systematic review. Sturiale CL, **Stifano V**, Della Pepa GM, Albanese A, Fernandez E, Marchese E, Puca A, Sabatino G, Olivi A. Neurosurg Sci. 2019 Oct;63(5):588-599. doi: 10.23736/S0390-5616.18.04225-X. Epub 2018 Feb 23.

Incidental intraoperative diagnosis of mycobacterium abscessus meningeal infection: A case report and review of the literature. Giovannenze F, **Stifano V**, Scoppettuolo G, Damiano F, Pallavicini F, Delogu G, Palucci I, Rapisarda A, Sturdà C and Pompucci A. Infection. 2018 Oct;46(5):591-597. doi: 10.1007/s15010-018-1141-5. Epub 2018 Apr 23.

Intraoperative and postoperative segmental lordosis mismatch: an analysis of three fusion techniques. Ricciardi L, **Stifano V**, Proietti L, Perna A, Della Pepa GM, La Rocca G, Olivi A, Polli FM. World Neurosurg. 2018 Jul;115:e659-e663. doi: 10.1016/j.wneu.2018.04.126. Epub 2018 Apr 27.

Unrecognized failed back surgery syndrome: a paradigmatic case in a very young patient. Mazzucchi E, Auricchio AM, **Stifano V**, Montano N. Acta Neurol Belg. 2018 Sep;118(3):523-525. doi: 10.1007/s13760-018-0938-4. Epub 2018 May 14.

Minimally invasive decompression in patients with degenerative spondylolisthesis associated with lumbar spinal stenosis. Report of surgical series and review of the literature. Montano N, **Stifano V**, Papacci F, Mazzucchi E, Fernandez E. Neurol Neurochir Pol. 2018 Aug;52(4):448-458. doi: 10.1016/j.pjnns.2018.06.004. Epub 2018 Jul 2.

One center's experience with Hybrid technique for lumbar spine instrumentated surgeries: evaluation of different instrumentation systems and their management. Ricciardi L, **Stifano V**, Rivera Perla KM, Della Pepa GM, Izzo A, La Rocca G, Sabatino G, Olivi A, Polli FM. World Neurosurg. 2018 Dec;120:153-158. doi: 10.1016/j.wneu.2018.08.204. Epub 2018 Sep 6.

Patient-oriented aesthetic outcome after lumbar spine surgery: a 1-year follow-up prospective observational study comparing minimally invasive and standard open procedures. Ricciardi L, Sturiale CL, Pucci R, Reale G, **Stifano V**, Alessandro I, Perna A, Proietti L, Forcato S, Rivera Perla KM, El Boustany S, Olivi A, Polli FM. World Neurosurg. 2019 Feb;122:e1041-e1046. doi: 10.1016/j.wneu.2018.10.208. Epub 2018 Nov 9.

Bullough's lesion: an unexpected diagnosis after the resection of a slowly growing osseous-like retroauricular bump. Case report and review of the literature. Sturdà C, Rapisarda A, Gessi M, **Stifano V**, Pompucci A, Anile C, Trevisi G. *World Neurosurg.* 2019 Feb;122:372-375. doi: 10.1016/j.wneu.2018.11.055. Epub 2018 Nov 15.

The exoscope in neurosurgery: an innovative "point of view". A systematic review of the technical, surgical and educational aspects. Ricciardi L, Chaichana KL, Cardia A, **Stifano V**, Rossini Z, Olivi A, Sturiale CL. *World Neurosurg.* 2019 Jan 17;S1878-8750(19)30080-4. doi: 10.1016/j.wneu.2018.12.202. Online ahead of print.

Cranio-cerebral disproportion after decompressive craniectomy in infants: the hidden enemy of cranial repair? Frassanito P, Bianchi F, **Stifano V**, Frascchetti F, Massimi L, Tamburrini G, Caldarelli M. *Childs Nerv Syst.* 2019 Sep;35(9):1467-1471. doi: 10.1007/s00381-019-04166-4. Epub 2019 May 27.

The Role of Non-Rigid Cervical Collar in Pain Relief and Functional Restoration After Whiplash Injury: A Systematic Review and a Pooled Analysis of Randomized Controlled Trials. Ricciardi L, **Stifano V**, D'Arrigo S, Polli FM, Olivi A, Sturiale CL. *Eur Spine J.* 2019 Aug;28(8):1821-1828. doi: 10.1007/s00586-019-06035-9. Epub 2019 Jun 18.

Comparison Between VII-to-VII and XII-to-VII Coaptation Techniques for Early Facial Nerve Reanimation After Surgical Intra-Cranial Injuries: A Systematic Review and Pooled Analysis of the Functional Outcomes. Ricciardi L, **Stifano V**, Pucci R, Stumpo V, Montano N, Della Monaca M, Lauretti L, Olivi A, Valentini V, Sturiale CL. *Neurosurg Rev.* 2020 Jan 7. doi: 10.1007/s10143-019-01231-z. Online ahead of print.

Minimally Invasive Decompression With Posterior Elements Preservation Versus Laminectomy and Fusion For Lumbar Degenerative Spondylolisthesis: A Systematic Review and Meta-Analysis of Surgical, Clinical and Radiological Outcomes. Ricciardi L, **Stifano V**, Sturiale CL, D'Onofrio GF, Olivi A, Montano N. *Surg Technol Int.* 2020 May 28;36:457-463.

Extremely Late Recovery of Unusual Cervical Ankylosing Spondylitis-Related Dysphagia: Anesthesiologic, Surgical, and Pathophysiological Considerations, and Review of the Literature. **Stifano V**, Leone A, Revelli L, Tosi F, Visocchi M. *World Neurosurg.* 2020 Apr 16;139:97-100. doi: 10.1016/j.wneu.2020.04.031. Online ahead of print.

Acute subdural hematoma in elderly: outcome analysis and role minicraniotomy in a retrospective multicentric series of 213 patients. Trevisi G, Sturiale CL, Scerrati, Rustemi O, Ricciardi L, Ranieri F, Tomatis A, Piazza A, Auricchio AM, **Stifano V**, Romano C, De Bonis P, Mangiola A. *Neurosurgical Focus.* 2020. [In press].

Letter: Transesophageal Echocardiography-Guided Ventriculoatrial Shunt Insertion. Della Pepa GM, Sturiale CL, **Stifano V**. *Oper Neurosurg (Hagerstown).* 2020 Dec 15;20(1):E73. doi: 10.1093/ons/opaa344.

Predicting meningioma consistency and brain-meningioma interface with intraoperative strain ultrasound elastography: a novel application to guide surgical strategy. Della Pepa GM, Menna G, **Stifano V**, Pezzullo AM, Auricchio AM, Rapisarda A, Caccavella VM, La Rocca G, Sabatino G, Marchese E, Olivi A. *Neurosurg Focus.* 2021 Jan;50(1):E15. doi: 10.3171/2020.10.FOCUS20797.

Intraventricular infusion test accuracy in predicting short- and long-term outcome of iNPH patients: a 10-year update of a three-decade experience at a single institution. Trevisi G, Signorelli F, de Waure C, **Stifano V**, Sturdà C, Rapisarda A, Pompucci A, Mangiola A, Anile C. *Neurosurg Rev.* 2021 Feb 15. doi: 10.1007/s10143-021-01495-4. Online ahead of print.

Single-Level Cervical Arthroplasty with a Keel-less Prosthesis: Results in a Series of 35 Patients Operated on for Soft Disk Herniation with a Minimum of 3 Years of Follow-Up. **Stifano V**, Stati G, Giacobbo Scavo C, Carpineta E, Cacciotti G, Roperto R, Sufianov A, Mastronardi L. *Neurol Surg A Cent Eur Neurosurg.* 2021 May 27. doi: 10.1055/s-0041-1724109. Online ahead of print.

The use of Mixed Reality for the treatment planning of unruptured intracranial aneurysms. **Stifano V**, Palumbo MC, Chidambaram S, Sturiale CL, Albanese A, Marchese E, Redaelli A, Pannullo SC, Olivi A. *J Neurosurg Sci.* 2021 Aug 3. doi: 10.23736/S0390-5616.21.05356-X. Online ahead of print.

Merging prospective and retrospective validation studies for intracranial aneurysms risk scores: reflections in the water. Sturiale CL, Stumpo V, Latour K, **Stifano V**. *J Neurosurg Sci.* 2021 Aug 3. doi: 10.23736/S0390-5616.21.05481-3. Online ahead of print.

Applications of augmented reality in the neurosurgical operating room: A systematic review of the literature. Chidambaram S, **Stifano V**, Demetres M, Teyssandier M, Palumbo MC, Redaelli A, Olivi A, Apuzzo MLJ, Pannullo SC. *J Clin Neurosci.* 2021 Sep;91:43-61. doi: 10.1016/j.jocn.2021.06.032. Epub 2021 Jun 30.

The clinical challenge of subarachnoid hemorrhage associated with multiple aneurysms when the bleeding source is not certainly identifiable. Sturiale CL, Auricchio AM, Skrap B, **Stifano V**, Albanese A. *J Neurosurg Sci.* 2021 Nov 11. doi: 10.23736/S0390-5616.21.05609-5. Online ahead of print.

5-Aminolevulinic Acid False-Positive Rates in Newly Diagnosed and Recurrent Glioblastoma: Do Pseudoprogession and Radionecrosis Play a Role? A Meta-Analysis. Ricciardi L, Sturiale CL, Scerrati A, **Stifano V**, Somma T, Ius T, Trungu S, Acqui M, Raco A, Miscusi M, Della Pepa GM. *Front Oncol.* 2022 Feb 17;12:848036. doi: 10.3389/fonc.2022.848036. eCollection 2022.

The role of the craniotomy size in the surgical evacuation of acute subdural hematomas in elderly patients: a retrospective multicentric study. Trevisi G, Scerrati A, Rustemi O, Ricciardi L, Raneri F, Tomatis A, Piazza A, Auricchio AM, **Stifano V**, Dughiero M, DE Bonis P, Mangiola A, Sturiale CL. *J Neurosurg Sci.* 2022 Apr 5. doi: 10.23736/S0390-5616.22.05648-X. Online ahead of print.

Timing and outcome of bystanders treatment in patients with subarachnoid hemorrhage associated with multiple aneurysms. Sturiale CL, Auricchio AM, **Stifano V**, Maugeri R, Albanese A. *Neurosurg Rev.* 2022 Aug;45(4):2837-2844. doi: 10.1007/s10143-022-01799-z. Epub 2022 May 3.

Intraoperative Corticobulbar Motor Evoked Potential in Cerebellopontine Angle Surgery: A Clinically Meaningful Tool to Predict Early and Late Facial Nerve Recovery. Della Pepa GM, **Stifano V**, D'Alessandris QG, Menna G, Burattini B, Di

Domenico M, Izzo A, D'Ercole M, Lauretti L, Olivi A, Montano N. Neurosurgery. 2022 Sep 1;91(3):406-413. doi: 10.1227/neu.0000000000002039. Epub 2022 May 27.

Tailored Approach and Multimodal Intraoperative Neuromonitoring in Cerebellopontine Angle Surgery. Izzo A, **Stifano V**, Della Pepa GM, Di Domenico M, D'Alessandris QG, Menna G, D'Ercole M, Lauretti L, Olivi A, Montano N. Brain Sci. 2022 Aug 31;12(9):1167. doi: 10.3390/brainsci12091167.

Enhancing the Reliability of Intraoperative Ultrasound in Pediatric Space-Occupying Brain Lesions. Frassanito P, **Stifano V**, Bianchi F, Tamburrini G, Massimi L. Diagnostics (Basel). 2023 Mar 3;13(5):971. doi: 10.3390/diagnostics13050971.

A Study on the Role of Intraoperative Corticobulbar Motor Evoked Potentials for Improving Safety of Cerebellopontine Angle Surgery in Elderly Patients. D'Alessandris QG, Menna G, **Stifano V**, Della Pepa GM, Burattini B, Di Domenico M, Izzo A, D'Ercole M, Lauretti L, Montano N, Olivi A. Diagnostics (Basel). 2023 Feb 13;13(4):710. doi: 10.3390/diagnostics13040710.

Resection versus biopsy for management of primary central nervous system lymphoma: a meta-analysis. **Stifano V**, Della Pepa GM, Offi M, Montano N, Carcagnì C, Pallini R, Lauretti L, Olivi A, D'Alessandris QG. Neurosurg Rev. 2023 Jan 16;46(1):37. doi: 10.1007/s10143-022-01931-z.

CAPITOLI DI LIBRI

Sturiale CL., **Stifano V.**, Olivi A. Tumori extrassiali e metastasi del sistema nervoso centrale. In M. M. Fontanella (ed) Neurochirurgia in 10 lezioni. Minerva medica, 2019.

PRESENTAZIONI ORALI SELEZIONATE

Intracranial aneurysms of the posterior circulation associated with a fenestration: a systematic review. LXVI Congress of the Italian Society of Neurosurgery, Verona, Italy, 2017.

A rare case of a non-neurogenic sarcoma of the sciatic nerve: therapeutic and functional outcome. LXVII Congress of the Italian Society of Neurosurgery, Ancona, Italy, 2018.

The use of Mixed Reality for the treatment planning of unruptured intracranial aneurysms. eEANS Virtual Congress, 2021.

The use of Mixed Reality for the treatment planning of unruptured intracranial aneurysms. LXX Congress of the Italian Society of Neurosurgery, Milan, Italy, 2021.

ATTIVITÀ DA REVIEWER

Reviewer per **Spine Journal**, **World Neurosurgery**, and **BMC Neurology**

PREMI

Outstanding Fellow Award – Weil Cornell Medicine, New York (USA)

Dec 2019

Academic Excellence Scholarship, Banca di Credito Cooperativo dei Comuni cilentani

Dec 2015

Academic Excellence Scholarship, Banca di Credito Cooperativo dei Comuni cilentani

Dec 2008

BREVETTI

Mixed-reality systems for enhancing stereotactic radiosurgery case planning. Pat #U.S 63/091673 (Oct 14, 2020)