

Curriculum vitae ai fini della pubblicazione

FORMATO EUROPEO PER IL CURRICULUM VITAE



PERSONAL INFORMATIONS

Name **RICCIARDI LUCA, MD, MSc, PHDC**

WORKING EXPERIENCES

- January 2021 to date: Consultant Neurosurgeon at AOU Sant'Andrea – Rome, Italy
- January 2021 to date: Consultant Neurosurgeon at Casa di Cura Cascini S.r.l. – Belvedere Marittimo (CS), Italy
- November 2020 to date: PhD candidate in Neurosensorial Plasticity at Department of NESMOS, Sapienza University, Rome, Italy
- January 2020 to December 2020: Physician in Neurosurgery at Pia Fondazione di Culto e Religione Cardinal G. Panico – Tricase (LE), Italy
- May 2018 to November 2018: Research Fellowship at Mayo Clinic College of Medicine, Jacksonville, FL, US
- December 2016 to October 2017: Clinical Fellowship in Spine Surgery at the Unit of Spinal Surgery, Department of Orthopedics, Catholic University of Milan, Fondazione Policlinico Universitario A. Gemelli IRCCS in Rome, Italy
- December 2014 to December 2019: Resident in Neurosurgery and Neurotraumatology at Catholic University of Milan, Fondazione Policlinico Universitario A. Gemelli IRCCS in Rome, Italy

SURGICAL ACTIVITY

From 2014 to present: 1259 surgical procedures divided as it follows

- 602 procedures as first operator including:

- 163 cranial procedures: brain tumors and metastases, meningioma, hydrocephalus, intracranial aneurysms, arteriovenous malformations, cranioplasty, others.
- 403 spinal procedures: thoracolumbar instrumented elective surgery using posterior and/or anterior approaches, thoracolumbar fractures fixations w/wo decompression, scoliosis correction, revision surgeries for degenerative disorders, anterior cervical decompression and fusion, odontoid screw placement, anterior C1-C2 trans-articular screw placement, posterior cervical decompression w/wo fusion.
- 56 peripheral nerves and functional neurosurgery: ulnar nerve release at the carpal or the cubital tunnel, peripheral nerve biopsy, spinal cord stimulation, deep brain stimulation, vagal nerve stimulation.

- 657 procedures as second surgeon or assistant.

TRAINING AND COURSES

- School of Medicine and Surgery at Sapienza University of Rome, Italy: degree with laude in 2014 presenting a research study on Glioma biomolecular patterns – Supervisor Prof. Antonino Raco
- Course for excellent students at Sapienza University of Rome, Department of Scienze e Biotecnologie Mediche e Chirurgiche, Latina, Italy – Supervisor Prof.ssa Antonella Calogero
- Research Fellowship at Mayo Clinic College of Medicine, Jacksonville, FL, US – Supervisor Prof. Alfredo Quinones-Hinojosa (Chairman) and Prof Selby Chen (Director of the Spinal Division)
- Clinical Fellowship at the Catholic University of Milan, Unit of Spinal Surgery, Department of Orthopedics, Fondazione Policlinico Universitario A. Gemelli IRCCS in Rome, Italy – Supervisor Prof F.C. Tamburrelli (Chairman) and Prof Luca Proietti.
- Surgical and cadaver lab course on posterior cervical surgery for degenerative and traumatic disorders at the ICLO of Verona – Chairman Dr Francesco De Iure
- Surgical and Cadaver Lab course on Minimally Disruptive Posterior Solutions Training in Amsterdam – Chairman Mr Stuart James
- Residency in Neurosurgery and Neurotraumatology at the Catholic University of Milan, Fondazione Policlinico Universitario A. Gemelli IRCCS in Rome, Italy – Program Director Prof. Alessandro Olivi
- University Master – Surgery of the craniovertebral junction at the Catholic University of Milan, Fondazione Policlinico Universitario A. Gemelli IRCCS in Rome, Italy – Director Prof. Massimiliano Visocchi
- The Four-Year Training Course of the European Association of Neurosurgical Societies (EANS) – Chariman for the Educational Acitivities of the EANS Prof. Claudius Thomé
- Fellow of the European Board of the Neurological Surgery - Chariman for the Educational Acitivities of the EANS Prof. Claudius Thomé
- Course on the Treatment of degenerative conditions at L5-S1 in the lateral position in Milan, Italy – Chairman Dr Pedro Berjano and Prof Jake Timothy
- Doctor of Philosophy (PhD) in Neurosensorial Plasticity at the Department of NESMOS, Sapienza University of Rome, Italy – Director Prof. Maurizio Barbara and Supervisor Prof. Massimo Miscusi

CLINICAL AND SCIENTIFIC INTERESTS

Spinal degenerative disorders and deformities

Neuro traumatology

Vascular neurosurgery

Scientific methodology and statistics

Educational meeting and training courses for residents and medical students

MAJOR RESEARCH INTERESTS

Collaborative studies with national and international recognized centers

Spinal Tumors and their multidisciplinary treatment

Degenerative cervical disc disorders

Craniovertebral junction surgery

Spinal deformities and innovative minimally invasive solutions

Surgical approaches to the junctional districts

Vertebral traumatology and fractures management

Systematic reviews and meta-analyses

ORGANIZATION SKILLS AND COMPETENCE

Italian delegate at the European Association of Neurosurgical Societies from 2021

Co-Chairman at the II and III SPINE20 International Congress – event related to the G20 in Italy (2021) and in Indonesia (2022)

President of the Scientific Committee of the SPINE20 in 2021

Chairman at the Italian Spine Symposium of SpineArt in 2022

Co-Chairman of the II (2021) and IV (2022) Neurosurgical Basics course for neurosurgical residents

Tutor at the III Neurosurgical Basics course for neurosurgical resident in Naples 2022

Coordinator of the Journal Club meetings for residents and physicians at the AOU Sant'Andrea Hospital in Rome in 2021

Tutor in the Thesis project for students graduating in Medicine and Surgery (2 students in 2021 and 2 students in 2022)

AWARDS AND HONORS

Premio Europeo Beniamino Guidetti awarded by the Italian Society of Neurosurgery in 2021 at the Annual Congress in Milan – President Prof. Paolo Cappabianca

Invited Speaker at the II edition of the European Science Slam in 2018 during the EANS annual congress in Brussels – Chairman Prof Luca Regli

Invited Guest Editors for Systematic Reviews and Meta-Analyses on the Journal of Neurosurgical Sciences in 2021 – Editor in Chief Prof. Marco Maria Fontanella

Honorary Recognition from the Italian Coast Guard, the Italian Military Marine and the Italian Ministry of Defense in 2016 – Voluntary Medical Doctor involved in the Search and Rescue project from the European Union

Invited Professor of Behavioral Economics as part of the course of Data Protection at Guido Luiss International University – Coordinator Prof. Pierluigi Congedo

Web of Science Academy Mentor from 2020

Letter of recommendation signed by Dr Alfredo Quinones-Hinojosa – Full Professor and chairman of Neurosurgery at Mayo Clinic College of Medicine, United States of America

**SCIENTIFIC
PUBLICATIONS**

*Author of 91 publications on Scopus and 89 on Web of Science
First author: 34 out of 91 papers, 37% (Scopus) - 34% (Official Web of Science Data)
Second Author: 9 out of 91 papers
Last author: 1 out of 91 papers
Corresponding author: 24% (Official Web of Science Data)*

*Total number of citations: 604 (Scopus) and 544 (WoS)
Mean number of citations: 6,64 (Scopus)
Hirsh index: 13 (Scopus and WoS)
Verified Peer-reviews: 150 (Official Web of Science Data)
Verified Editor Records: 13 (Official Web of Science Data)
Author impact factor: 2.49 (Scopus)
Mean impact factor: 2,66 (Scopus)
Global impact factor: 241,726 (Scopus)*

*Ius, T., Ricciardi, L., Barbagallo, G.M., Thomé, C., Raco, A.
Editorial: Updates on current protocols for the management of brain and spine malignancies
Frontiers in Neurology, 2022
Impact factor: 4.003
Secondo Autore*

*Trevisi, G., Scerrati, A., Rustemi, O., Ricciardi, L., Ius, T., Auricchio, A.M., De Bonis, P., Albanese, A., Mangiola, A., Maugeri, R., Nicolosi, F., Sturiale, C.L.
Does the Timing of the Surgery Have a Major Role in Influencing the Outcome in Elders with Acute Subdural Hematomas?
(2022) Journal of Personalized Medicine.
Impact Factor: 4.453
DOI: 10.3390/jpm12101612*

*Rosa, P., De Falco, E., Pacini, L., Piazza, A., Ciraci, P., Ricciardi, L., Fiorentino, F., Trungu, S., Miscusi, M., Raco, A., Calogero, A.
Next-Generation Sequencing Comparative Analysis of DNA Mutations between Blood-Derived Extracellular Vesicles and Matched Cancer Tissue in Patients with Grade 4 Glioblastoma
(2022) Biomedicines.
Impact Factor: 4.717
DOI: 10.3390/biomedicines10102590*

*Scerrati, A., Ricciardi, L.
Neurosurgical systematic reviews and meta-analyses for a daily practice
(2022) Journal of Neurosurgical Sciences.
DOI: 10.23736/s0390-5616.21.05647-2
Impact Factor: 2.279
Ultimo Autore*

*Rapisarda, A., Pennisi, G., Montano, N., Della Pepa, G.M., Ricciardi, L., De-Giorgio, F., Visocchi, M., Olivi, A., Polli, F.M.
Atlantoaxial Joint Distraction and Fusion with DTRAX Intra-Articular Cages: A Cadaveric Feasibility Study and Review of the Pertinent Literature*

(2022) *World Neurosurgery*.
Impact Factor: 2.104
DOI: 10.1016/j.wneu.2022.07.077

Sturiale, C.L., Scerrati, A., Ricciardi, L., Rustemi, O., Auricchio, A.M., Norri, N., Piazza, A., Ranieri, F., Tomatis, A., Albanese, A., Di Egidio, V., Farneti, M., Mangiola, A., Marchese, E., Raco, A., Volpin, L., Trevisi, G.
Clipping versus coiling for treatment of middle cerebral artery aneurysms: a retrospective Italian multicenter experience
(2022) *Neurosurgical Review*.
Impact Factor: 3.042
DOI: 10.1007/s10143-022-01822-3

Staatjes, V.E., Stumpo, V., Ricciardi, L., Maldaner, N., Eversdijk, H.A.J., Vieli, M., Ciobanu-Caraus, O., Raco, A., Miscusi, M., Perna, A., Proietti, L., Lofrese, G., Dughiero, M., Cultrera, F., Nicassio, N., An, S.B., Ha, Y., Amelot, A., Alcobendas, I., Viñuela-Prieto, J.M., Gandía-González, M.L., Girod, P.-P., Lener, S., Kögl, N., Abramovic, A., Safa, N.A., Laux, C.J., Farshad, M., O’Riordan, D., Loibl, M., Mannion, A.F., Scerrati, A., Molliqaj, G., Tessitore, E., Schröder, M.L., Vandertop, W.P., Stienen, M.N., Regli, L., Serra, C.
FUSE-ML: development and external validation of a clinical prediction model for mid-term outcomes after lumbar spinal fusion for degenerative disease
(2022) *European Spine Journal*.
Impact Factor: 3.134
DOI: 10.1007/s00586-022-07135-9

Lofrese, G., Scerrati, A., Balsano, M., Bassani, R., Cappuccio, M., Cavallo, M.A., Cofano, F., Cultrera, F., De Iure, F., Biase, F.D., Donati, R., Garbossa, D., Menegatti, M., Olivi, A., Palandri, G., Raco, A., Ricciardi, L., Spena, G., Tosatto, L., Visani, J., Visocchi, M., Zona, G., De Bonis, P.
Surgical Treatment of Diffuse Idiopathic Skeletal Hyperostosis (DISH) Involving the Cervical Spine: Technical Nuances and Outcome of a Multicenter Experience
(2022) *Global Spine Journal*.
Impact Factor: 2.915
DOI: 10.1177/2192568220988272

Lofrese, G., Ricciardi, L., De Bonis, P., Cultrera, F., Cappuccio, M., Scerrati, A., Martucci, A., Musio, A., Tosatto, L., De Iure, F.
Use of the SpineJack direct reduction for treating type A2, A3 and A4 fractures of the thoracolumbar spine: a retrospective case series
(2022) *Journal of neurointerventional surgery*.
DOI: 10.1136/neurintsurg-2021-017682
Impact Factor: 8.572
Secondo Autore

De Luca, P., Camaioni, A., Marra, P., Salzano, G., Carriere, G., Ricciardi, L., Pucci, R., Montemurro, N., Brenner, M.J., Di Stadio, A.
Effect of Ultra-Micronized Palmitoylethanolamide and Luteolin on Olfaction and Memory in Patients with Long COVID: Results of a Longitudinal Study
(2022) *Cells*.
Impact Factor: 7.666
DOI: 10.3390/cells11162552

Ricciardi, L., Manini, I., Cesselli, D., Trungu, S., Piazza, A., Mangraviti, A., Miscusi, M., Raco, A., Ius, T.
Carmustine Wafers Implantation in Patients With Newly Diagnosed High Grade Glioma: Is It Still an Option?
(2022) *Frontiers in Neurology*.
DOI: 10.3389/fneur.2022.884158
Impact Factor: 4.003
Primo Autore

Somma, T., Rosa, A.D., Mastantuoni, C., Esposito, F., Meglio, V., Romano, F., Ricciardi, L., Divitiis, O.D., Somma, C.D.
Multidisciplinary management of osteoporotic vertebral fractures
(2022) *Minerva Endocrinology*.
Impact Factor: 2.184
DOI: 10.23736/S2724-6507.21.03515-6

Costanzo, G., Misaggi, B., Ricciardi, L., AlEissa, S.I., Tamai, K., Alhelal, F., Alqahtani, Y., Alsobayel, H.I., Arand, M., Balsano, M., Blattert, T.R., Brayda-Bruno, M., Busari, J.O., Campello, M., Chhabra, H.S., Tamburrelli, F.C., Côté, P., Darwono, B., Kandziora, F., La Maida, G.A., Muehlbauer, E.J., Mulukutla, R.D., Pereira, P., Rajasekaran, S., Rothenfluh, D.A., Sullivan, W.J., Truumees, E., Dohring, E.J., Pigott, T., Shetty, A.P., Teli, M.G.A., Wang, J.C., Ames, C., Anema, J.R., Bang, A., Cheung, K.M.C., Gross, D.P., Haldeman, S., Minisola, S., Mullerpatan, R., Negrini, S., Salmi, L.-R., Spinelli, M.S., Vlok, A., Yankey, K.P., Zaina, F., Alturkistany, A., Franke, J., Liljenqvist, U.R., Piccirillo, M., Nordin, M.
SPINE20 recommendations 2021: spine care for people's health and prosperity
(2022) *European Spine Journal*.
Impact Factor: 3.134
DOI: 10.1007/s00586-022-07194-y

Piazza, A., Rosa, P., Ricciardi, L., Mangraviti, A., Pacini, L., Calogero, A., Raco, A., Miscusi, M.
Circulating Exosomal-DNA in Glioma Patients: A Quantitative Study and Histopathological Correlations. A Preliminary Study
(2022) *Brain Sciences*.
Impact Factor: 3.173
DOI: 10.3390/brainsci12040500

Trungu, S., Scollato, A., Ricciardi, L., Forcato, S., Polli, F.M., Miscusi, M., Raco, A.
Clinical Outcomes of Shunting in Normal Pressure Hydrocephalus: A Multicenter Prospective Observational Study
(2022) *Journal of Clinical Medicine*.
Impact Factor: 4.81
DOI: 10.3390/jcm11051286

Ricciardi, L., Sturiale, C.L., Scerrati, A., Stifano, V., Somma, T., Ius, T., Trungu, S., Acqui, M., Raco, A., Miscusi, M., Della Pepa, G.M.
5-Aminolevulinic Acid False-Positive Rates in Newly Diagnosed and Recurrent Glioblastoma: Do Pseudoprogression and Radionecrosis Play a Role? A Meta-Analysis
(2022) *Frontiers in Oncology*.
Impact Factor: 6.244
DOI: 10.3389/fonc.2022.848036
Primo Autore

Ricciardi, L., della Pepa, G.M., Scerrati, A., Sturiale, C.L.
Should younger researchers pursue citations or innovations?
(2022) *Journal of Neurosurgical Sciences*.
Impact Factor: 2.279
DOI: 10.23736/S0390-5616.21.05357-1
Primo Autore

Miscusi, M., Ricciardi, L., Piazza, A., Capobianco, M., Lofrese, G., Acqui, M., Trungu, S., Raco, A.
Referencing for anterior atlantoaxial trans-articular osteosynthesis: a radiological study and proposal of a decisional algorithm
(2022) *European Spine Journal*.
Impact Factor: 3.134
DOI: 10.1007/s00586-022-07380-y
Co-Primo Autore

De Rosa, S., Cattin, L., Ricciardi, L., Scerrati, A.

Brain swelling in traumatic brain injury
(2022) *Diagnosis and Treatment of Traumatic Brain Injury: The Neuroscience of Traumatic Brain Injury*.

DOI: 10.1016/B978-0-12-823347-4.00041-5

Trungu, S., Ricciardi, L., Forcato, S., Piazza, A., D'Andrea, G., Polli, F.M., Cimatti, M., Frati, A., Miscusi, M., Raco, A.

Percutaneous pedicle screw fixation without arthrodesis of 368 thoracolumbar fractures: long-term clinical and radiological outcomes in a single institution

(2022) *European Spine Journal*.

Impact Factor: 3.134

DOI: 10.1007/s00586-022-07339-z

Secondo Autore

Ricciardi, L., Pucci, R., Piazza, A., Lofrese, G., Scerrati, A., Montemurro, N., Raco, A., Miscusi, M., Ius, T., Zeppieri, M.

Role of stem cells-based in facial nerve reanimation: A meta-analysis of histological and neurophysiological outcomes

(2022) *World Journal of Stem Cells*.

Impact Factor: 5.326

DOI: 10.4252/wjsc.v14.i6.420

Primo Autore

Scerrati, A., Pangallo, G., Dughiero, M., Mongardi, L., Ricciardi, L., Lofrese, G., Dones, F., Cavallo, M.A., De Bonis, P.

Influence of nutritional status on the clinical outcome of patients with chronic subdural hematoma: a prospective multicenter clinical study

(2022) *Nutritional Neuroscience*.

Impact Factor: 3.03

DOI: 10.1080/1028415X.2021.1895480

Montemurro, N., Scerrati, A., Ricciardi, L., Trevisi, G.

The exoscope in neurosurgery: An overview of the current literature of intraoperative use in brain and spine surgery

(2022) *Journal of Clinical Medicine*.

Impact Factor: 4.81

DOI: 10.3390/jcm11010223

Umana, G.E., Pucci, R., Palmisciano, P., Cassoni, A., Ricciardi, L., Tomasi, S.O., Strigari, L., Scalia, G., Valentini, V.

Cerebrospinal Fluid Leaks After Anterior Skull Base Trauma: A Systematic Review of the Literature

(2022) *World Neurosurgery*.

Impact Factor: 2.104

DOI: 10.1016/j.wneu.2021.10.065

Scerrati, A., Trevisi, G., Sturiale, C.L., Salomi, F., de Bonis, P., Saletti, A., Mangiola, A., Tomatis, A., Di Egidio, V., Vigo, V., Pedicelli, A., Valente, I., Rustemi, O., Beggio, G., Iannucci, G., Milonia, L., Ricciardi, L., Cervo, A., Pero, G., Piano, M.

Radiological outcomes for endovascular treatment of posterior communicating artery aneurysms: a retrospective multicenter study of the occlusion rate

(2021) *Journal of Integrative Neuroscience*.

Impact Factor: 1.664

DOI: 10.31083/j.jin2004093

Trungu, S., Ricciardi, L., Forcato, S., Scollato, A., Minniti, G., Miscusi, M., Raco, A.

Anterior corpectomy and plating with carbon-peek instrumentation for cervical spinal metastases: Clinical and radiological outcomes

(2021) *Journal of Clinical Medicine*.

Impact Factor: 4.81

DOI: 10.3390/jcm10245910

Secondo Autore

Gallè, F., Valeriani, F., Marotta, D., De Giorgi, A., Bargellini, A., Bianco, A., Colucci, M.E., Coniglio, M.A., Dallolio, L., De Giglio, O., Di Giuseppe, G., Diella, G., Laganà, P., Licata, F., Liguori, G., Marchesi, I., Marini, S., Montagna, M.T., Napoli, C., Orsi, G.B., Pasquarella, C., Pelullo, C.P., Ricciardi, L., Spica, V.R., Sacchetti, R., Tardivo, S., Veronesi, L., Vitali, M., Protano, C.

What about your body ornament? Experiences of tattoo and piercing among italian youths

(2021) *International Journal of Environmental Research and Public Health*.

Impact Factor: 4.536

DOI: 10.3390/ijerph182312429

Mongardi, L., Visani, J., Mantovani, G., Vitali, C., Ricciardi, L., Giordano, F., Cavallo, M.A., Lofrese, G., D'andrea, M., Roblot, P., De Bonis, P., Scerrati, A.

Long term results of Dorsal Root Entry Zone (DREZ) lesions for the treatment of intractable pain: A systematic review of the literature on 1242 cases

(2021) *Clinical Neurology and Neurosurgery*.

Impact Factor: 1.876

DOI: 10.1016/j.clineuro.2021.107004

ricciarDi, L., Raco, A., sTuriale, C.

Perioperative interruption of antiplatelet medications for elective extradural non-instrumented spine surgery: it is really necessary?

(2021) *Journal of Neurosurgical Sciences*.

Impact Factor: 2.279

DOI: 10.23736/s0390-5616.20.05251-0

Primo Autore

Ippolito, G., Castiglia, S.F., Serrao, M., Conte, C., Ricciardi, L., Ferraro, S., Di Lenola, D., Surace, M.F., de Marinis, G.

Effects of latissimus dorsi tendon transfer on shoulder motion and muscle activation: A follow-up observational study

(2021) *Minerva Orthopedics*.

Impact Factor: 0.65

DOI: 10.23736/S2784-8469.21.04119-5

Trungu, S., Ricciardi, L., Forcato, S., Miscusi, M., Raco, A.

Percutaneous instrumentation with cement augmentation for traumatic hyperextension thoracic and lumbar fractures in ankylosing spondylitis: a single-institution experience

(2021) *Neurosurgical Focus*.

Impact Factor: 4.332

DOI: 10.3171/2021.7.FOCUS21308

Secondo Autore

Scerrati, A., Mongardi, L., Cavallo, M.A., Labanti, S., Simioni, V., Ricciardi, L., De Bonis, P.

Awake surgery for skills preservation during a sensory area tumor resection in a clarinet player

(2021) *Acta Neurologica Belgica*.

Impact Factor: 2.341

DOI: 10.1007/s13760-020-01368-5

Piazza, A., Ricciardi, L., Trungu, S., Forcato, S., di Bartolomeo, A., Scerrati, A., Miscusi, M., Raco, A.

The Lone Star Retractor System in Neurosurgery

(2021) *World Neurosurgery*.

Impact Factor: 2.104

DOI: 10.1016/j.wneu.2021.06.097

Secondo Autore

Ricciardi, L., Mongardi, L., Dones, F.

Indications and Safety of the Zygomatic Osteotomy in Middle Cranial Fossa Surgery: A

Retrospective Cohort Review
(2021) *Journal of Neurological Surgery, Part B: Skull Base.*
Impact Factor: 1.826
DOI: 10.1055/s-0040-1705166
Primo Autore

Visani, J., Mongardi, L., Cultrera, F., de Bonis, P., Lofrese, G., Ricciardi, L., Scerrati, A.
Surgical treatment of metastatic pheochromocytomas of the spine: A systematic review
(2021) *Journal of Integrative Neuroscience.*
Impact Factor: 1.664
DOI: 10.31083/j.jin2002053

Di Bartolomeo, A., Ricciardi, L., Miscusi, M., Serrao, M., Raco, A.
Letter to the editor regarding “Representative dynamic ranges of spinal alignment during gait in patients with mild and severe adult spinal deformities” by Mar et al
(2021) *Spine Journal.*
Impact Factor: 4.297
DOI: 10.1016/j.spinee.2021.03.003

Sturiale, C.L., Stumpo, V., Ricciardi, L., Trevisi, G., Valente, I., D'Arrigo, S., Latour, K., Barbone, P., Albanese, A.
Retrospective application of risk scores to ruptured intracranial aneurysms: would they have predicted the risk of bleeding?
(2021) *Neurosurgical Review.*
Impact Factor: 2.800
DOI: 10.1007/s10143-020-01352-w

Ricciardi, L., Trungu, S., Scerrati, A., de Bonis, P., Miscusi, M., Raco, A.
Neurosurgery at the time of COVID-19: How this pandemic infectious disease is influencing neurosurgical activities and patient management
(2021) *Journal of Neurosurgical Sciences.*
Impact Factor: 2.392
DOI: 10.23736/S0390-5616.20.04976-0
Primo Autore

Perna, A., Ricciardi, L., Fantoni, M., Taccari, F., Torelli, R., Santagada, D.A., Fumo, C., Tamburrelli, F.C., Proietti, L.
Spontaneous vertebral aspergillosis, the state of art: A systematic literature review
(2021) *Neurospine.*
Impact Factor: 2.383
DOI: 10.14245/ns.2040338.169
Co-Primo Autore

Ricciardi, L., Pucci, R., Valentini, V., Raco, A.
Letter: Internal Auditory Canal Variability: Anatomic Variation Affects Cisternal Facial Nerve Visualization
(2021) *Operative Neurosurgery.*
Impact Factor: 2.703
DOI: 10.1093/ons/opaa431
Primo Autore

Ricciardi, L., Trungu, S., Scerrati, A., Mongardi, L., Flacco, M.E., Raco, A., Miscusi, M., De Bonis, P., Sturiale, C.L.
Surgical treatment of intracranial blister aneurysms: A systematic review
(2021) *Clinical Neurology and Neurosurgery.*
Impact Factor: 1.876
DOI: 10.1016/j.clineuro.2021.106550
Primo Autore

De Bonis, P., Cavallo, M.A., Sturiale, C.L., Martellucci, C., Flacco, M.E., Dughiero, M., Auricchio, A.M., Ricciardi, L., Raco, A., Bortolotti, C., Tosatto, L., D'Andrea, M.,

Ruggiero, M., Mongardi, L., Zona, G., Fiaschi, P., Cofano, F., Garbossa, D., Scerrati, A.

Incidence of hemorrhagic cerebrovascular disease due to vascular malformations during the COVID-19 national quarantine in Italy

(2021) *Clinical Neurology and Neurosurgery*.

Impact Factor: 1.876

DOI: 10.1016/j.clineuro.2021.106503

Scollato, A., Trungu, S., Forcato, S., Ricciardi, L., Miscusi, M., Gallina, P., Raco, A.
Fenestration of Peritoneal Catheter to Avoid Abdominal Pseudocyst Formation after Ventriculoperitoneal Shunts: A Technical Note

(2021) *Journal of Neurological Surgery, Part A: Central European Neurosurgery*.

Impact Factor: 1.268

DOI: 10.1055/s-0040-1712532

Mongardi, L., Visani, J., Mantovani, G., Olivetti, M.E., Scerrati, A., Cultrera, F., Ricciardi, L., De Bonis, P., Cavallo, M.A., Lofrese, G.

Ct guided reference markers for spinal dorsal lesions: A safe and valuable tool impacting intraoperative localization time

(2021) *Journal of Clinical Neuroscience*.

Impact Factor: 1.961

DOI: 10.1016/j.jocn.2020.11.039

Proietti, L., Perna, A., Ricciardi, L., Fumo, C., Santagada, D.A., Giannelli, I., Tamburrelli, F.C., Leone, A.

Radiological evaluation of fusion patterns after lateral lumbar interbody fusion: institutional case series

(2021) *Radiologia Medica*.

Impact Factor: 6.313

DOI: 10.1007/s11547-020-01252-5

Co-Primo Autore

Ricciardi, L., Stifano, V., Pucci, R., Stumpo, V., Montano, N., Della Monaca, M., Lauretti, L., Olivi, A., Valentini, V., Sturiale, C.L.

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

(2021) *Neurosurgical Review*.

Impact Factor: 3.042

DOI: 10.1007/s10143-019-01231-z

Primo Autore

Ricciardi, L., Acqui, M., Pucci, R., Napoli, C., Scerrati, A.

Transient Trigeminal Neuralgia Recurrence During Coronavirus disease-19 in Carbamazepine Responders Patients

(2021) *Journal of Craniofacial Surgery*.

Impact Factor: 1.046

DOI: 10.1097/SCS.00000000000007893

Primo Autore

Ricciardi, L., Piazza, A., Capobianco, M., Della Pepa, G.M., Miscusi, M., Raco, A., Scerrati, A., Somma, T., Lofrese, G., Sturiale, C.L.

Lumbar interbody fusion using oblique (OLIF) and lateral (LLIF) approaches for degenerative spine disorders: a meta-analysis of the comparative studies

(2021) *European Journal of Orthopaedic Surgery and Traumatology*.

Impact Factor: 2.04

DOI: 10.1007/s00590-021-03172-0

Primo Autore

Ricciardi, L., Scerrati, A., Bonis, P.D., Miscusi, M., Trungu, S., Visocchi, M., Papacci, F., Raco, A., Proietti, L., Pompucci, A., Olivi, A., Montano, N.

Long-term Radiologic and Clinical Outcomes after Three-level Contiguous Anterior

Cervical Discectomy and Fusion without Plating: A Multicentric Retrospective Study
(2021) *Journal of Neurological Surgery, Part A: Central European Neurosurgery*.
Impact Factor: 1.268
DOI: 10.1055/s-0041-1726112
Primo Autore

Scerrati, A., Visani, J., Flacco, M.E., Ricciardi, L., Trungu, S., Raco, A., Dones, F., Bonis, P.D., Sturiale, C.L.
Endovascular Treatment of Ruptured Intracranial Blister Aneurysms: A Systematic Review and Meta-analysis
Impact Factor: 3.825
(2021) *American Journal of Neuroradiology*.
DOI: 10.3174/AJNR.A6924

Ricciardi, L., Trungu, S., Scerrati, A., De Bonis, P., Rustemi, O., Mazzetto, M., Lofrese, G., Cultrera, F., Barrey, C.Y., Di Bartolomeo, A., Piazza, A., Miscusi, M., Raco, A.
Odontoid screw placement for Anderson type II odontoid fractures: How do duration from injury to surgery and clinical and radiological factors influence the union rate? A multicenter retrospective study
(2021) *Journal of Neurosurgery: Spine*.
Impact Factor: 3.602
DOI: 10.3171/2020.6.SPINE20318
Primo Autore

Trevisi, G., Sturiale, C.L., Scerrati, A., Rustemi, O., Ricciardi, L., Raneri, F., Tomatis, A., Piazza, A., Auricchio, A.M., Stifano, V., Romano, C., Bonis, P.D., Mangiola, A.
Acute subdural hematoma in the elderly: outcome analysis in a retrospective multicentric series of 213 patients
(2020) *Neurosurgical Focus*.
Impact Factor: 3.37
DOI: 10.3171/2020.7.FOCUS20437.

Scerrati, A., Visani, J., Ricciardi, L., Dones, F., Rustemi, O., Cavallo, M.A., Bonis, P.D.
To drill or not to drill, that is the question: nonsurgical treatment of chronic subdural hematoma in the elderly. A systematic review
(2020) *Neurosurgical Focus*.
Impact Factor: 3.37
DOI: 10.3171/2020.7.FOCUS20237.

Mongardi, L., Dones, F., Mantovani, G., De Bonis, P., Rustemi, O., Ricciardi, L., Cavallo, M.A., Scerrati, A.
Low-Dose Acetylsalicylic Acid in Chronic Subdural Hematomas: A Neurosurgeon's Sword of Damocles
(2020) *Frontiers in Neurology*.
Impact Factor: 3.537
DOI: 10.3389/fneur.2020.550084

Miscusi, M., Trungu, S., Ricciardi, L., Forcato, S., Ramieri, A., Raco, A.
The anterior-to-psoas approach for interbody fusion at the L5-S1 segment: Clinical and radiological outcomes
(2020) *Neurosurgical Focus*.
Impact Factor: 4.407
DOI: 10.3171/2020.6.FOCUS20335

Sturiale, C.L., Ricciardi, L., Marchese, E., Puca, A., Olivi, A., Albanese, A.
Surgical treatment of anterior communicating artery aneurysms: Hints and precautions for young cerebrovascular surgeons
(2020) *Journal of Neurological Surgery, Part A: Central European Neurosurgery*.
Impact Factor: 1.144
DOI: 10.1055/s-0039-3401985
Secondo Autore

Stumpo, V., Latour, K., Traylor, J.I., Staartjes, V.E., Giordano, M., Caccavella, V.M., Olivi, A., Ricciardi, L., Signorelli, F.
Medical Student Interest and Recruitment in Neurosurgery
(2020) *World Neurosurgery*.
Impact Factor: 2.104
DOI: 10.1016/j.wneu.2020.04.248

Scerrati, A., Labanti, S., Lofrese, G., Mongardi, L., Cavallo, M.A., Ricciardi, L., De Bonis, P.
Artists playing music while undergoing brain surgery: A look into the scientific evidence and the social media perspective
(2020) *Clinical Neurology and Neurosurgery*.
Impact Factor: 1.876
DOI: 10.1016/j.clineuro.2020.105911

Perna, A., Ricciardi, L., Sturiale, C.L., Fantoni, M., Tamburrelli, F.C., Bonfiglio, N., Proietti, L.
Skipped vertebral spontaneous spondylodiscitis caused by Granulicatella adiacens: Case report and a systematic literature review
(2020) *Journal of Clinical Orthopaedics and Trauma*.
Impact Factor: 1.44
DOI: 10.1016/j.jcot.2019.07.002
Co-Primo Autore

Miscusi, M., Carnevali, C., Ricciardi, L., Miglietta, S., Petrozza, V., Cacciotti, J., Calogero, A., Rosa, P., Familiari, G., Raco, A.
Histomorphology and immunohistochemical patterns in degenerative disc disease and clinical-radiological correlations: a prospective study
(2020) *European Spine Journal*.
Impact Factor: 3.134
DOI: 10.1007/s00586-020-06412-9

Ricciardi, L., Stifano, V., Sturiale, C.L., D'onofrio, G.F., Olivi, A., Montano, N.
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
(2020) *Surgical Technology International*.
Impact Factor: 0.68
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085630519&partnerID=40&md5=af7c512de96f14700584381f4d92f7cd>
Primo Autore

Ricciardi, L., D'Arrigo, S., Sturiale, C.L.
Answer to the letter to the editor of Christensen S et al. concerning "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" by Ricciardi L et al. (Eur Spine J; [2019] 28:1821–1828)
(2020) *European Spine Journal*.
Impact Factor: 3.134
DOI:10.1007/s00586-020-06375-x
Primo Autore

Ricciardi, L., Scerrati, A., Olivi, A., Sturiale, C.L., De Bonis, P., Montano, N.
The role of cervical collar in functional restoration and fusion after anterior cervical discectomy and fusion without plating on single or double levels: a systematic review and meta-analysis
(2020) *European Spine Journal*.
Impact Factor: 3.134
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Primo Autore

Ricciardi, L., Montano, N., D'Onofrio, G.F., Polli, F.M., Latini, M., Bellesi, A., Biovi,

F., Olivi, A., Sturiale, C.L.
X-ray exposure in odontoid screwing for Anderson type II fracture: comparison between O-arm and C-arm-assisted procedures
(2020) *Acta Neurochirurgica*.
Impact Factor: 2.216
DOI: 10.1007/s00701-019-04108-8
Primo Autore

La Rocca, G., Sabatino, G., Altieri, R., Signorelli, F., Ricciardi, L., Gessi, M., Della Pepa, G.M.
Significance of H3K27M Mutation in “Nonmidline” High-Grade Gliomas of Cerebral Hemispheres
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.08.024

Della Pepa, G.M., Marchese, E., Pedicelli, A., Olivi, A., Ricciardi, L., Rapisarda, A., Skrap, B., Sabatino, G., La Rocca, G.
Erratum to ‘Contrast-Enhanced Ultrasonography and Color Doppler: Guided Intraoperative Embolization of Intracranial Highly Vascularized Tumors’ (World Neurosurgery (2019) 128 (547–555), (S1878875019314196), (10.1016/j.wneu.2019.05.142))
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.07.165

Montano, N., Ricciardi, L., Olivi, A.
Comparison of Anterior Cervical Decompression and Fusion versus Laminoplasty in the Treatment of Multilevel Cervical Spondylotic Myelopathy: A Meta-Analysis of Clinical and Radiological Outcomes
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.06.144
Secondo autore

Ricciardi, L., Sturiale, C.L.
Commentary on “intraoperatively predicting postoperative sagittal balance using intraoperative X-rays”
(2019) *Journal of Clinical Neuroscience*.
Impact Factor: 0.858
DOI: 10.1016/j.jocn.2019.04.027
Primo Autore

Della Pappa, G.M., Marchese, E., Pedicelli, A., Olivi, A., Ricciardi, L., Rapisarda, A., Skrap, B., Sabatino, G., La Rocca, G.
Contrast-Enhanced Ultrasonography and Color Doppler: Guided Intraoperative Embolization of Intracranial Highly Vascularized Tumors
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.05.142

Ricciardi, L., Stifano, V., D'Arrigo, S., Polli, F.M., Olivi, A., Sturiale, C.L.
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
(2019) *European Spine Journal*.
Impact Factor: 2.44
DOI: 10.1007/s00586-019-06035-9
Primo Autore

Ricciardi, L., Mattogno, P.P., Olivi, A., Sturiale, C.L.
Exoscope Era: Next Technical and Educational Step in Microneurosurgery

(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.05.162
Primo Autore

Ricciardi, L., Olivi, A., Sturiale, C.L.
In Reply to the Letter to the Editor Regarding "The Exoscope in Neurosurgery: An Innovative Point of View. A Systematic Review of the Technical, Surgical, and Educational Aspects"
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.04.078
Primo Autore

Ricciardi, L., Sturiale, C.L., Izzo, A., Pucci, R., Valentini, V., Montano, N., Polli, F.M., Visocchi, M., Vivas-Buitrago, T., Chaichana, K.L., Quinones-Hinojosa, A., Olivi, A., Chen, S.
Submandibular Approach for Single-Stage Craniovertebral Junction Ventral Decompression and Stabilization: A Preliminary Cadaveric Study of Technical Feasibility
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.04.038
Primo Autore

Akinduro, O.O., Izzo, A., Lu, V.M., Ricciardi, L., Trifiletti, D., Peterson, J.L., Bernet, V., Donaldson, A., Eggenberger, E., Olomu, O., Reimer, R., Wharen, R., Quinones-Hinojosa, A., Chaichana, K.L.
Endocrine and Visual Outcomes Following Gross Total Resection and Subtotal Resection of Adult Craniopharyngioma: Systematic Review and Meta-Analysis
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2019.03.239

De-Giorgio, F., Grassi, S., Miscusi, M., Ricciardi, L., Maria Polli, F.
Cervical spine involvement in a challenging case of accidental strangulation
(2019) *American Journal of Forensic Medicine and Pathology*.
Impact Factor: 0.624
DOI: 10.1097/PAF.0000000000000466

Ricciardi, L., Chaichana, K.L., Cardia, A., Stifano, V., Rossini, Z., Olivi, A., Sturiale, C.L.
The Exoscope in Neurosurgery: An Innovative "Point of View". A Systematic Review of the Technical, Surgical, and Educational Aspects
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2018.12.202
Primo Autore

Ricciardi, L., Sturiale, C.L., Pucci, R., Reale, G., Stifano, V., Izzo, A., Perna, A., Proietti, L., Forcato, S., Rivera Perla, K.M., El Boustany, S., Olivi, A., Polli, F.M.
Patient-Oriented Aesthetic Outcome After Lumbar Spine Surgery: A 1-Year Follow-Up Prospective Observational Study Comparing Minimally Invasive and Standard Open Procedures
(2019) *World Neurosurgery*.
Impact Factor: 1.820
DOI: 10.1016/j.wneu.2018.10.208
Primo Autore

Ricciardi, L., Sturiale, C.L.
Comment on the paper entitled: "Tumorous spinal lesions: Computer aided diagnosis and evaluation based on CT data - A review"

(2019) *Current Medical Imaging*.
Impact Factor: 1.082
DOI: 10.2174/157340561504190411110355
Primo Autore

Proietti, L., Ricciardi, L., Noia, G., Barone, G., Valenzi, E., Perna, A., Giannelli, I., Scaramuzzo, L., Visocchi, M., Papacci, F., Tamburrelli, F.C.
Extensive spinal epidural abscesses resolved with minimally invasive surgery: Two case reports and review of the recent literature
(2019) *Acta Neurochirurgica, Supplementum*.
Impact Factor: 1.684
DOI: 10.1007/978-3-319-62515-7_50
Secondo autore

Ricciardi, L., Stifano, V., Rivera Perla, K.M., Della Pepa, G.M., Izzo, A., La Rocca, G., Sabatino, G., Olivi, A., Polli, F.M.
One Center's Experience with Hybrid Technique for Lumbar Spine Instrumented Surgeries: Evaluation of Different Instrumentation Systems and Their Management
(2018) *World Neurosurgery*.
Impact Factor: 1.650
DOI: 10.1016/j.wneu.2018.08.204
Primo Autore

Perna, A., Ricciardi, L., Barone, G., Tamburrelli, F.C., Proietti, L., Pola, E.
Medical management of acute non-specific low back pain: comparison of different medical treatments, one center's retrospective analysis
(2018) *Journal of biological regulators and homeostatic agents*, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060016861&partnerID=40&md5=8e4ff8c0c6e8ff9ea9484e2cdd738914>
Impact Factor: 1.558
Co-Primo Autore

Lauretti, L., D'Alessandris, Q.G., Rigante, M., Ricciardi, L., Mattogno, P.P., Olivi, A.
O-arm in Endonasal Endoscopic Cranial Base Surgery: Technical Note on Initial Feasibility
(2018) *World Neurosurgery*.
Impact Factor: 1.723
DOI: 10.1016/j.wneu.2018.06.015

Ricciardi, L., Della Pepa, G.M., Izzo, A., Simboli, G.A., Polli, F.M., La Rocca, G., Sabatino, G.
Use of Neuronavigation System for Superficial Vein Identification: Safe and Quick Method to Avoid Intraoperative Bleeding and Vein Closure: Technical Note
(2018) *World Neurosurgery*.
Impact Factor: 1.723
DOI: 10.1016/j.wneu.2018.06.018
Primo Autore

Ricciardi, L., Stifano, V., Proietti, L., Perna, A., Della Pepa, G.M., La Rocca, G., Olivi, A., Polli, F.M.
Intraoperative and Postoperative Segmental Lordosis Mismatch: Analysis of 3 Fusion Techniques
(2018) *World Neurosurgery*.
Impact Factor: 1.723
DOI: 10.1016/j.wneu.2018.04.126
Primo Autore

Della Pepa, G.M., Mattogno, P.P., La Rocca, G., Sabatino, G., Olivi, A., Ricciardi, L., Polli, F.M.
Real-time intraoperative contrast-enhanced ultrasound (CEUS) in vascularized spinal tumors: a technical note

(2018) *Acta Neurochirurgica*.
Impact Factor: 1.834
DOI: 10.1007/s00701-018-3541-9

La Rocca, G., Altieri, R., Ricciardi, L., Olivi, A., Della Pepa, G.M.
Anatomical study of occipital triangles: the 'inferior' suboccipital triangle, a useful vertebral artery landmark for safe postero-lateral skull base surgery
(2017) *Acta Neurochirurgica*.
Impact Factor: 1.929
DOI: 10.1007/s00701-017-3300-3

De Bonis, P., Mongardi, L., Pompucci, A., Ricciardi, L., Cavallo, M.A., Farneti, M., Lapparelli, M., Capone, G., Altruda, C., Schivalocchi, R., Campioni, P., Ghisellini, G., Trapella, G.
Transpars microscopic approach for the treatment of purely foraminal herniated lumbar disc
(2017) *Spine*.
Impact Factor: 3.119
DOI: 10.1097/BRS.0000000000001839

Scivoletto, G., Miscusi, M., Forcato, S., Ricciardi, L., Serrao, M., Bellitti, R., Raco, A.
The rehabilitation of spinal cord injury patients in Europe
(2017) *Acta Neurochirurgica, Supplementum*.
Impact Factor: 1.929
DOI: 10.1007/978-3-319-39546-3_31

Miscusi, M., Polli, F.M., Forcato, S., Ricciardi, L., Frati, A., Cimatti, M., De Martino, L., Ramieri, A., Raco, A.
Comparison of minimally invasive surgery with standard open surgery for vertebral thoracic metastases causing acute myelopathy in patients with short- or mid-term life expectancy: Surgical technique and early clinical results
(2015) *Journal of Neurosurgery: Spine*.
Impact Factor: 2.126
DOI: 10.3171/2014.10.SPINE131201

Miscusi, M., Polli, F.M., Forcato, S., Coman, M.A., Ricciardi, L., Ramieri, A., Raco, A.
The use of surgical sealants in the repair of dural tears during non-instrumented spinal surgery
(2014) *European Spine Journal*.
Impact Factor: 2.164
DOI: 10.1007/s00586-013-3138-1

Miscusi, M., de Martino, L., Antonelli, M., Mangino, G., Ricciardi, L., Spinelli, G., Forcato, S., Calogero, A., Petrozza, V., Ragona, G., Raco, A.
A case of fatal late vasospasm in a patient with a recurrent, supratentorial rhabdoid primitive neuroectodermal tumor: Possible molecular implications
(2014) *Turkish Neurosurgery*.
Impact Factor: 0.79
DOI: 10.5137/1019-5149.JTN.9388-13.1

BOOKS

Ruolo: Editor; Titolo: *Cerebral Circulation - Updates on Models, Diagnostics and Treatments of Related Diseases* ISBN: 978-1-80355-361-0 Print ISBN: 978-1-80355-360-3 - Editore InterchOpen

Ruolo: Editor; Titolo: Spinal Cord Injury - Current Trends in Acute Management, Function Preservation and Rehabilitation Protocols" - ISBN: 978-1-80355-877-6 Print ISBN: 978-1-80355-876-9 eBook (PDF) ISBN: 978-1-80355-878-3 - InterchOpen

Autore capitolo di libro: Brain swelling in traumatic brain injury - January 2022 DOI: 10.1016/B978-0-12-823347-4.00041-5 In book: Diagnosis and Treatment of Traumatic Brain Injury

Autore capitolo di libro: Fusion Rate after LLIF procedure in lumbar adult deformities: The state of art November 2020

DITORIAL AND PEER-REVIEW ACTIVITY

Editorial Board Member: Frontiers in Surgery, Medical Science Monitoring, CPQ Neurology and Psychology, Journal of Spine Research

Guest Editor: Frontiers in Neurology, Frontiers in Oncology, Journal of Neurosurgical Sciences, Journal of Personalized Medicine, Journal of Clinical Medicine, Journal of Integrative Neuroscience, Life, Cells, Biomed Research International

Ad hoc peer reviewer: Journal of neurosurgical sciences, World neurosurgery, Neurosurgical review, Frontiers in surgery, Frontiers in Oncology, Frontiers in Neurology, Journal of Personalized Medicine, Journal of Clinical Medicine, American Journal of Case Reports, Clinical Neurology and Neurosurgery, Global spine journal

Invited Reviewer for Abstract acceptance at EANS annual Congress in 2022 and 2023

CONGRESSES

Member of the scientific committee at the VII Neurorehabilitation and Reconstructive Neurosurgery symposium, in 2015 – event connected to the World Federation of Neurosurgical Societies

Speaker at the Global spine annual congress in Milan in 2017

Speaker at the SINCH 2017 Congress in Verona "Correzione delle deformità nel tratto lombare: mismatch tra misurazione intra operatoria e post-operatoria in ortostatismo del grado di lordosi. quali correlazioni?".

Speaker at the 41° SICV&GIS congress in Cagliari - 2018.

"Valutazione clinica e radiografica del grado di fusione intersomatica con approccio trans psoas mini invasivo".

Invited speaker at the EUROPEAN SCIENCE SLAM during the EANS Congress 2018 in Bruxelles. Event promoted by the Department of Neurosurgery University Hospital Zurich

Speaker at the SICV&GIS annual congress in Mestre (VE) - 2019

Vice Chairman and President of the Scientific Committee at the Spine20 Congress in Rome – event connected to the G20 and including the major Societies for Spinal disorders (NASS, AO SPINE, SSS, ISS, Eurospine, SICV&GIS)

Speaker at the 71th SINCh congress in Naples in 2022

Invited speaker at the World Federation of Neurosurgical Societies - Neurorehabilitation and reconstruction Neurosurgery committee, al Webinar intitolato

"Preventing and performing rehabilitation by functional reconstruction: philosophy and techniques"- 2022

Invited speaker at the Neurosurgical Classroom on the management of vertebral metastases, promoted by Società Italiana di Neurochirurgia (SINCH) in 2020

RESEARCH PROJECTS AND GRANTS

Member of the scientific team as investigator - PRIN2020

“Innovative Molecular Aspects Of Degenerative Disc Disease: Relationship Between Trpc6 Channel And The Clinico-Radiological Cascade”

PI: Prof. A. Raco

Member of the scientific team as investigator - PRIN2020

Additive Manufacturing di polimeri biocompatibili e leghe metalliche per la ricostruzione maxillo-facciale

PI: Prof. F. Trovalusci

Member of the scientific team as investigator and co-responsible of the investigational unit – PRIN 2022 PNRR (under evaluation)

“Creation of a standardized tool for the evaluation of fine movements of the hand in neurological and neurosurgical diseases.”

PI: Prof. M. Fontanella

COLLABORATION ON ONGOING STUDIES

Investigator and responsible for the Italian contributing centers:

The European Robotic Spinal Instrumentation (EURO- SPIN) study

Coordinator: Dr V. Starjeetes – Zurich

Investigator in the neurosurgical unit contributing to the study on “the role of TPRC receptors in the intervertebral disc degeneration and pain genesis: perspectives for the targeted therapy”

In collaboration with the University of Rome 3 – Prof. M. Colasanti

TEACHING ACTIVITIES

Responsible for the course of neurosurgery for physiotherapists at the San Camillo Forlanini Hospital - Sapienza University

Responsible for the course of neurosurgery for physiotherapists at the San Filippo Neri Hospital – Sapienza University

Invited Professor of Behavioral Economics as part of the course of Data Protection at Guido Luiss International University – Coordinator Prof. Pierluigi Congedo

Tutor in the Thesis project for students graduating in Medicine and Surgery (2 students in 2021 and 2 students in 2022)

Invited Professor of Surgical Anatomy of the spine and the craniovertebral junction at Catholic University of Rome

Web of Science Academy mentor for training young researchers in the peer-review process for international journals

COMPUTER SKILLS AND COMPETENCIES

Excellent knowledge of Windows and Apple operative systems

Excellent training in the use of statistical softwares (SPSS, STATA, RevManager)

Mother tongue

Italiana

Other languages

English – C2

SELECTED PAPERS

1 - Ricciardi, L., Stifano, V., Proietti, L., Perna, A., Della Pepa, G.M., La Rocca, G., Olivi, A., Polli, F.M.

Intraoperative and Postoperative Segmental Lordosis Mismatch: Analysis of 3 Fusion Techniques

(2018) *World Neurosurgery*.

Impact Factor: 1.723

DOI: 10.1016/j.wneu.2018.04.126

Primo Autore

2 - Ricciardi, L., Stifano, V., Rivera Perla, K.M., Della Pepa, G.M., Izzo, A., La Rocca, G., Sabatino, G., Olivi, A., Polli, F.M.

One Center's Experience with Hybrid Technique for Lumbar Spine Instrumented Surgeries: Evaluation of Different Instrumentation Systems and Their Management

(2018) *World Neurosurgery*.

Impact Factor: 1.650

DOI: 10.1016/j.wneu.2018.08.204

Primo Autore

3 - Ricciardi, L., Sturiale, C.L., Pucci, R., Reale, G., Stifano, V., Izzo, A., Perna, A., Proietti, L., Forcato, S., Rivera Perla, K.M., El Boustany, S., Olivi, A., Polli, F.M.

Patient-Oriented Aesthetic Outcome After Lumbar Spine Surgery: A 1-Year Follow-Up Prospective Observational Study Comparing Minimally Invasive and Standard Open Procedures

(2019) *World Neurosurgery*.

Impact Factor: 1.820

DOI: 10.1016/j.wneu.2018.10.208

Primo Autore

4 - Ricciardi, L., Sturiale, C.L., Izzo, A., Pucci, R., Valentini, V., Montano, N., Polli, F.M., Visocchi, M., Vivas-Buitrago, T., Chaichana, K.L., Quinones-Hinojosa, A., Olivi, A., Chen, S.

Submandibular Approach for Single-Stage Craniovertebral Junction Ventral Decompression and Stabilization: A Preliminary Cadaveric Study of Technical Feasibility

(2019) *World Neurosurgery*.

Impact Factor: 1.820

DOI: 10.1016/j.wneu.2019.04.038

Primo Autore

5 - Ricciardi, L., Stifano, V., D'Arrigo, S., Polli, F.M., Olivi, A., Sturiale, C.L.

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

(2019) *European Spine Journal*.

Impact Factor: 2.44

DOI: 10.1007/s00586-019-06035-9

Primo Autore

6 - Ricciardi, L., Montano, N., D'Onofrio, G.F., Polli, F.M., Latini, M., Bellesi, A., Biovi, F., Olivi, A., Sturiale, C.L.

X-ray exposure in odontoid screwing for Anderson type II fracture: comparison between O-arm and C-arm-assisted procedures

(2020) *Acta Neurochirurgica*.

Impact Factor: 2.216

DOI: 10.1007/s00701-019-04108-8

Primo Autore

7 - Proietti, L., Perna, A., Ricciardi, L., Fumo, C., Santagada, D.A., Giannelli, I., Tamburrelli, F.C., Leone, A.

Radiological evaluation of fusion patterns after lateral lumbar interbody fusion: institutional case series

(2021) *Radiologia Medica*.

Impact Factor: 6.313

DOI: 10.1007/s11547-020-01252-5

Co-Primo Autore

8 - Ricciardi, L., Trungu, S., Scerrati, A., De Bonis, P., Rustemi, O., Mazzetto, M., Lofrese, G., Cultrera, F., Barrey, C.Y., Di Bartolomeo, A., Piazza, A., Miscusi, M., Raco, A.

Odontoid screw placement for Anderson type II odontoid fractures: How do duration from injury to surgery and clinical and radiological factors influence the union rate? A multicenter retrospective study

(2021) *Journal of Neurosurgery: Spine*.

Impact Factor: 3.602

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