



PERSONAL INFORMATIONS

Name	Dr. med. Mario Giordano
Date of Birth	January 10, 1979
Nationality	Italian, German
Address	Heinrichstrasse 28, 30175 Hannover (Germany)
E-mail address	giordano.nch@gmail.com

EDUCATION

- | | |
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| 2002 | Degree in Medicine and Surgery
<i>110/110 summa cum laude</i>
University "Seconda Università di Napoli" (Vanvitelli) – Napoli, Italy |
| 2003 | Italian professional habilitation
<i>90/90 summa cum laude</i>
University "Seconda Università di Napoli" – Napoli, Italy |
| 2007 | Specialization in Neurosurgery
<i>50/50 summa cum laude</i>
Thesis title: "Pineal region: anatomical and surgical aspects"
University "Seconda Università di Napoli" – Napoli, Italy |
| 2010 | German professional habilitation
Niedersächsischer Zweckverband zur Approbationserteilung – Hannover, Germany |
| 2016 | German doctorate degree (Dr. Med.)
cum laude
Thesis title: "Study of pineal region venous system with three-dimensional post-processing of magnetic resonance and computed tomography images: anatomical and surgical aspects"
University "Otto von Guericke" – Magdeburg, Germany |
| 2017 | Didactic Workshop for University teaching
Title: "Effektive Vorträge und Vorlesungen gestalten"
University "Otto von Guericke" – Magdeburg, Germany |
| 2020 | National qualification as associate professor of neurosurgery (Italy) |

WORK EXPERIENCE

2002 - 2007	Resident in neurosurgery Department of Neurosurgery University "Seconda Università di Napoli" (Vanvitelli) – Napoli, Italy
February 2005	Guest Doctor Pediatric neurosurgery Hospital "Santobono-Pausilipon" – Napoli, Italy Director: Dr. Giuseppe Cinalli
March 2005	Guest Doctor Neurosurgical emergency and trauma Hospital "S. Giovanni Bosco" – Napoli, Italy Director: Dr. Antonio Franco
July - November 2005 February - March 2007	Guest Doctor Posterior cranial fossa and skull base surgery Clinical and anatomical research <i>International Neuroscience Institute</i> – Hannover, Germany President: Prof. Madjid Samii
January 2008 - October 2016	Associate Neurosurgeon Department of neurosurgery <i>International Neuroscience Institute</i> – Hannover, Germany Director: Prof. Madjid Samii
November 2016 - to date	Assistant medical director (Oberarzt) Department of neurosurgery <i>International Neuroscience Institute</i> – Hannover, Germany Director: Prof. Madjid Samii

PERSONAL SKILLS

LANGUAGES **ITALIAN** – NATIVE

GERMAN – FLUENT

ENGLISH – FLUENT

TECHNICAL SKILLS

USE OF IMAGE GUIDED-SURGERY SYSTEMS
USE OF INTRAOPERATIVE MAGNETIC RESONANCE IMAGING (BRAINSUITE) SYSTEM
USE OF INTRAOPERATIVE COMPUTED TOMOGRAPHY (AERO) SYSTEM
USE OF NEURO-ENDOSCOPY SYSTEMS
USE OF EXOSCOPE SYSTEM (VITOM 3D)
EXCELLENT KNOWLEDGE OF MACINTOSH AND WINDOWS SYSTEMS
EDITING OF SURGICAL AND CONGRESS TEACHING VIDEOS
USE OF PACS WORKSTATION
USE OF MIXED REALITY SYSTEMS

PUBLICATIONS

1. "CURTAIN-FALL" TECHNIQUE FOR CEREBROSPINAL FLUID LEAK PREVENTION AFTER REMOVAL OF INTRADURAL DRAINAGE. TECHNICAL NOTE: APPLICATION IN CHRONIC SUBDURAL HEMATOMA SURGERY
GIORDANO M, GALLIENI M, SAMII M, SAMII A
DOI: 10.1007/s10143-024-02412-1
2. RETROSIGMOID INTRADURAL SUPRAMEATAL APPROACH: 2-DIMENSIONAL OPERATIVE VIDEO
SAMII A, GIORDANO M, SAMII M
OPER NEUROSURG (HAGERSTOWN) DEC 2023
DOI: 10.1227/ONS.0000000000001030
3. CRANIOTOMY TOOLS: DESCRIPTION OF A TEST MODEL FOR THE EVALUATION OF CRANIOTOME BLADE EFFICIENCY
GIORDANO M, GALLIENI M, ZAED I, WREDE KH, LUEDEMANN WO, SAMII A
BR J NEUROSURG 37(5):1391-1394, 2023
DOI: 0.1080/02688697.2020.1859086
4. CURRENT STATE OF BENEFITS OF ENHANCED RECOVERY AFTER SURGERY (ERAS) IN SPINAL SURGERIES: A SYSTEMATIC REVIEW OF THE LITERATURE
ZAED I, BOSSI B, GANAU M, TINTERRI B, GIORDANO M, CHIBBARO S
NEUROCHIRURGIE 68(1):61-68, 2022
DOI: 10.1016/J.NEUCHI.2021.04.007
5. TRANSPHENOIDAL APPROACH IN CHILDREN WITH PARTIALLY OR MINIMALLY DEVELOPED SPHENOID SINUS
GALLIENI M, ZAED I, FAHLBUSCH R, GIORDANO M
CHILDS NERV SYST 37(1):131-136, 2021
DOI: 10.1007/s00381-020-04757-6
6. LETTER TO THE EDITOR: "INVESTING IN TEACHING RESEARCH SKILLS TO RESIDENTS IN NEUROSURGERY DURING THE COVID-19 PANDEMIC"
ZAED I, CANNIZZARO D, TINTERRI B, GIORDANO M, GANAU M, CHIBBARO S
WORLD NEUROSURG 145:519-520, 2021
DOI: 10.1016/J.WNEU.2020.10.027
7. ENDOCRINOLOGY ESSENTIALS FOR NEUROSURGEONS
GIORDANO M, FAHLBUSCH R
NEUROL INDIA 68(SUPPLEMENT):S2-S6, 2020
DOI: 10.4103/0028-3886.287666
8. ELDERLY PATIENTS WITH FRONTOBASAL AND SUPRASellar MENINGIOMAS: SAFETY AND EFFICACY OF TUMOR REMOVAL VIA FRONTOLATERAL APPROACH
GUO S, GERGANOV VM, GIORDANO M, SAMII A, SAMII M
WORLD NEUROSURG 135:E452-E458, 2020
DOI: 10.1016/J.WNEU.2019.12.029

9. H. LANFERMANN, P. RAAB, H-J KRETSCHMANN, AND W. WEINRICH (EDITORS): CRANIAL NEUROIMAGING AND CLINICAL NEUROANATOMY (FOURTH EDITION). BOOK REVIEW
GIORDANO M
CHILDS NERV SYST 36:1575, 2020
DOI: 0.1007/s00381-020-04593-8

10. IMAGING FEATURES AND CLASSIFICATION OF PERITUMORAL EDEMA IN VESTIBULAR SCHWANNOMA
GIORDANO M, GERGANOV VM, METWALI H, GALLIENI M, SAMII M, SAMII A
NEURORADIOL J 33(2):169-173, 2020
DOI: 10.1177/1971400919896253

11. PROGNOSTIC SIGNIFICANCE OF PREOPERATIVE GEOMETRIC CHANGES IN THE INTERNAL ACOUSTIC CANAL FOR HEARING PRESERVATION IN VESTIBULAR SCHWANNOMA SURGERY
GIORDANO M, BIANCONI A, GALLIENI M, METWALI H, SAMII M, SAMII A
WORLD NEUROSURG 132: E223-E227, 2019
DOI: 10.1016/J.WNEU.2019.08.194

12. CAN INTRAOPERATIVE MAGNETIC RESONANCE IMAGING BE HELPFUL IN THE SURGICAL RESECTION OF PARASELLAR MENINGIOMAS? A CASE SERIES
GIORDANO M, GALLIENI M, METWALI H, FAHLBUSCH R, SAMII M, SAMII A
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13. USE OF CEREBRAL REVASCULARIZATION TECHNIQUES IN THE ENDOVASCULAR ERA. IS IT STILL A USEFUL TECHNIQUE?
ZAED I, TINTERRI B, GIORDANO M
SN COMPR. CLIN. MED. 1: 952-957, 2019
DOI: 10.1007/s42399-019-00158-2

14. USE OF FRAMELESS STEREOTACTIC NAVIGATION SYSTEM COMBINED WITH INTRAOPERATIVE MAGNETIC RESONANCE IMAGING AND 5-AMINOLEVULINIC ACID
GIORDANO M, GALLIENI M, ZAED I, SAMII A
WORLD NEUROSURG 131:32-37, 2019
DOI: 10.1016/J.WNEU.2019.07.171

15. VALUE OF MAGNETIC RESONANCE IMAGING IN PREDICTING BRAF MUTATION IN CRANIOPHARYNGIOMAS
GIORDANO M, ZAED I
TRANSL CANCER RES 8(SUPPL 2):S97-S98, 2019
DOI: 10.21037/TCR.2018.10.21

16. THE SIGNIFICANCE OF INTRAOPERATIVE MAGNETIC RESONANCE IMAGING IN RESECTION OF SKULL BASE CHORDOMAS
METWALI H, SAMII A, GERGANOV V, GIORDANO M, FAHLBUSCH R, SAMII M
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- 17. MAGNETIC RESONANCE IMAGING-APPARENT DIFFUSION COEFFICIENT ASSESSMENT OF VESTIBULAR SCHWANNOMAS: SYSTEMATIC APPROACH, METHODOLOGY, AND PITFALLS**
GIORDANO M, SAMII A, SAMII M, NABAVI A
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DOI: 10.1016/J.WNEU.2019.01.176
- 18. AGGRESSIVE SOMATOTROPHINOMAS LACKING CLINICAL SYMPTOMS: NEUROSURGICAL MANAGEMENT**
GIORDANO M, SAMII A, FAHLBUSCH R
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- 19. IMPROVING RESULTS IN PATIENTS WITH FORAMEN MAGNUM MENINGIOMAS BY TRANSLATING SURGICAL EXPERIENCE INTO A CLASSIFICATION SYSTEM AND COMPLEXITY SCORE**
GIORDANO M, DUGONI D, BERTALANFFY H
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- 20. PROGNOSTIC SIGNIFICANCE OF INTRAOPERATIVE CHANGE IN THE FRACTIONAL ANISOTROPY AND THE VOLUME OF THE OPTIC CHIASMA DURING RESECTION OF SUPRASELLAR TUMORS.**
METWALI H, GIORDANO M, KNEISE K, FAHLBUSCH R
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DOI: 10.3171/2016.12.JNS162741; ISSN: 0022-3085
- 21. EVALUATION OF OLFACTORY OUTCOME AFTER FRONTOLATERAL APPROACH FOR TREATMENT OF SUPRASELLAR TUMORS.**
GIORDANO M, GERGANOV VM, GALLIENI M, SAMII A, SAMII M
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DOI: 10.1016/J.WNEU.2018.03.131; ISSN: 1878-8750
- 22. SURGICAL MANAGEMENT OF CEREBELLOPONTINE ANGLE ARACHNOID CYSTS ASSOCIATED WITH HEARING DEFICIT IN PEDIATRIC PATIENTS.**
GIORDANO M, GALLIENI M, SAMII A, DI ROCCO C, SAMII M
J NEUROSURG PEDIATR 21:119-123, 2018
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- 23. EVALUATION OF DIFFUSION TENSOR IMAGING-BASED TRACTOGRAPHY OF THE CORTICOSPINAL TRACT: A CORRELATIVE STUDY WITH INTRAOPERATIVE MAGNETIC RESONANCE IMAGING AND DIRECT ELECTRICAL SUBCORTICAL STIMULATION.**
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- 24. INTRAOPERATIVE MAGNETIC RESONANCE IMAGING IN PEDIATRIC NEUROSURGERY: SAFETY AND UTILITY.**
GIORDANO M, SAMII A, LAWSON MCLEAN AC, BERTALANFFY H, FAHLBUSCH R, SAMII M, DI ROCCO C
J NEUROSURG PEDIATR 19:77-84, 2017
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- 25. AGGRESSIVE SOMATOTROPHINOMAS LACKING CLINICAL SYMPTOMS: NEUROSURGICAL MANAGEMENT.**
GIORDANO M, SAMII A, FAHLBUSCH R
NEUROSURG REV, 2017
DOI: 10.1007/s10143-017-0940-y; ISSN: 0344-5607
- 26. SPHENOID DYSPLASIA IN NEUROFIBROMATOSIS TYPE 1: A NEW TECHNIQUE FOR REPAIR.**
DI ROCCO C, SAMII A, TAMBURRINI G, MASSIMI L, GIORDANO M
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- 27. IATROGENIC INTRADIPLOIC CEREBROSPINAL FLUID COLLECTION.**
GIORDANO M, DI ROCCO C
CHILDS NERV SYST 32:787-790, 2016
DOI: 10.1007/s00381-016-3037-y; ISSN: 0256-7040
- 28. NEUROSURGICAL TOOLS TO EXTEND TUMOR RESECTION IN PEDIATRIC HEMISPHERIC LOW-GRADE GLIOMAS: IMRI.**
GIORDANO M, ARRAEZ C, SAMII A, SAMII M, DI ROCCO C
CHILDS NERV SYST 32:1915-1922, 2016
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- 29. PROGNOSTIC SIGNIFICANCE OF PERITUMORAL EDEMA IN PATIENTS WITH VESTIBULAR SCHWANNOMAS.**
SAMII M, GIORDANO M, METWALI H, ALMARZOOQ O, SAMII A, GERGANOV VM
NEUROSURGERY 77:81-85; DISCUSSION 85-86, 2015
DOI: 10.1227/NEU.0000000000000748; ISSN: 0148-396X
- 30. ASSESSMENT OF QUANTITATIVE CORTICOSPINAL TRACT DIFFUSION CHANGES IN PATIENTS AFFECTED BY SUBCORTICAL GLIOMAS USING COMMON AVAILABLE NAVIGATION SOFTWARE.**
GIORDANO M, NABAVI A, GERGANOV VM, JAVADI AS, SAMII M, FAHLBUSCH R, SAMII A
CLIN NEUROL NEUROSURG 136:1-4, 2015
DOI: 10.1016/J.CLINEURO.2015.05.004; ISSN: 0303-8467
- 31. COMPLICATIONS OF CSF SHUNTING IN HYDROCEPHALUS. BOOK REVIEW**
GIORDANO M
CHILDS NERV SYST 31:1207, 2015
DOI: 10.1007/s00381-015-2690-x
- 32. OPERATIVE MANAGEMENT OF PATIENTS WITH RADIOSURGERY-RELATED TRIGEMINAL NEURALGIA: ANALYSIS OF THE SURGICAL MORBIDITY AND PAIN OUTCOME.**
GERGANOV VM, GIORDANO M, ELOLF E, OSAMAH A, AMIR S, MADJID S
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- 33. REDO THIRD VENTRICULOSTOMY.**
HELLWIG D, GIORDANO M, KAPPUS C
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- 34.** FEASIBILITY OF CERVICAL INTRAMEDULLARY DIFFUSE GLIOMA RESECTION USING INTRAOPERATIVE MAGNETIC RESONANCE IMAGING.
GIORDANO M, GERGANOV VM, METWALI H, FAHLBUSCH R, SAMII A, SAMII M, BERTALANFFY H
NEUROSURG REV, 2013
DOI: 10.1007/s10143-013-0510-x; ISSN: 0344-5607
- 35.** INTRADURAL PROSTATE CARCINOMA METASTATIC LESION MIMICKING AN EXOPHYTIC EPENDYMOMA: CASE REPORT.
COLUMBANO L, SAMII M, SAMII A, GIORDANO M, LUEDEMANN WO
CLIN NEUROL NEUROSURG 115:1131-1133, 2013
DOI: 10.1016/J.CLINEURO.2012.09.005; ISSN: 0303-8467
- 36.** INTRADURAL EXTRANEURAL BILOBATE GANGLION CYST OF THE ATLANTO-OCCIPITAL JOINT COMPRESSING THE HYPOGLOSSAL NERVE.
GIORDANO M, GERGANOV VM, SAMII A, SAMII M
J CLIN NEUROSCI 19:472-473, 2012
DOI: 10.1016/J.JOCN.2011.04.035; ISSN: 0967-5868
- 37.** SPHENOID SINUS PYOCELE AFTER TRANSSPHEOIDAL APPROACH FOR PITUITARY ADENOMA.
GIORDANO M, GERGANOV VM, DRAF W, FAHLBUSCH R
PITUITARY 15:188-192, 2012
DOI: 10.1007/s11102-011-0305-4; ISSN: 1386-341x
- 38.** SURGICAL TREATMENT OF PATIENTS WITH VESTIBULAR SCHWANNOMAS AFTER FAILED PREVIOUS RADIOSURGERY.
GERGANOV VM, GIORDANO M, SAMII A, SAMII M
J NEUROSURG 116:713-720, 2012
DOI: 10.3171/2011.12.JNS111682; ISSN: 0022-3085
- 39.** OPTIC RADIATION FIBER TRACKING USING ANTERIORLY ANGULATED DIFFUSION TENSOR IMAGING: A TESTED ALGORITHM FOR QUICK APPLICATION.
STIEGLITZ LH, LUEDEMANN WO, GIORDANO M, RAABE A, FAHLBUSCH R, SAMII M
NEUROSURGERY 68:1239-1251, 2011
DOI: 10.1227/NEU.0b013e31820b52e1; ISSN: 0148-396x
- 40.** HOW OBLITERATION OF PETROSAL AIR CELLS BY VESTIBULAR SCHWANNOMA INFLUENCES THE RISK OF POSTOPERATIVE CSF FISTULA.
STIEGLITZ LH, GIORDANO M, GERGANOV VM, SAMII A, SAMII M, LUEDEMANN WO
CLIN NEUROL NEUROSURG 113:746-751, 2011
DOI: 10.1016/J.CLINEURO.2011.07.029; ISSN: 0303-8467
- 41.** OPTIC PATHWAY GANGLIOGLIOMA WITH INTRAVENTRICULAR CYST.
SPENNATO P, GIORDANO M, RUGGIERO C, ALIBERTI F, BUONOCORE MC, NASTRO A, D'ONOFRIO V, BIFANI D, CINALLI G
J NEUROONCOL 102:499-508, 2011
DOI: 10.1007/s11060-010-0341-3; ISSN: 0167-594x

- 42.** IDENTIFICATION OF VENOUS VARIANTS IN THE PINEAL REGION WITH THREE-DIMENSIONAL PREOPERATIVE MAGNETIC RESONANCE IMAGING NAVIGATION IN PATIENTS HARBOURING TUMORS IN THIS AREA: SIGNIFICANCE FOR SURGICAL APPROACH TO THE LESION.
GIORDANO M, LUEDEMANN WO, STIEGLITZ L, GERGANOV VM, COLUMBANO L, SAMII A, SAMII M
CLIN NEUROL NEUROSURG 113:387-392, 2011
DOI: 10.1016/J.CLINEURO.2010.12.019; ISSN: 0303-8467
- 43.** TYPICAL 3-D LOCALIZATION OF TUMOR REMNANTS OF WHO GRADE II HEMISPHERIC GLIOMAS--LESSONS LEARNED FROM THE USE OF INTRAOPERATIVE HIGH-FIELD MRI CONTROL.
GERGANOV VM, SAMII A, STIEGLITZ L, GIORDANO M, LUEDEMANN WO, SAMII M, FAHLBUSCH R
ACTA NEUROCHIR (WIEN) 153:479-487, 2011
DOI: 10.1007/s00701-010-0911-3; ISSN: 0001-6268
- 44.** TWO-DIMENSIONAL HIGH-END ULTRASOUND IMAGING COMPARED TO INTRAOPERATIVE MRI DURING RESECTION OF LOW-GRADE GLIOMAS.
GERGANOV VM, SAMII A, GIORDANO M, SAMII M, FAHLBUSCH R
J CLIN NEUROSCI 18:669-673, 2011
DOI: 10.1016/J.JOCN.2010.08.017; ISSN: 0967-5868
- 45.** DIFFUSION TENSOR IMAGING-BASED FIBER TRACKING FOR PREDICTION OF THE POSITION OF THE FACIAL NERVE IN RELATION TO LARGE VESTIBULAR SCHWANNOMAS.
GERGANOV VM, GIORDANO M, SAMII M, SAMII A
J NEUROSURG 115:1087-1093, 2011
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- 46.** A NEW TOOL FOR FRAMELESS STEREOTACTIC PLACEMENT OF VENTRICULAR CATHETERS.
STIEGLITZ LH, GIORDANO M, SAMII M, LUEDEMANN WO
NEUROSURGERY 67:ONS131-135; DISCUSSION ONS135, 2010
DOI: 10.1227/01.NEU.0000382964.72262.9A; ISSN: 0148-396x
- 47.** PETROUS BONE PNEUMATIZATION IS A RISK FACTOR FOR CEREBROSPINAL FLUID FISTULA FOLLOWING VESTIBULAR SCHWANNOMA SURGERY.
STIEGLITZ LH, GIORDANO M, GERGANOV V, RAABE A, SAMII A, SAMII M, LUEDEMANN WO
NEUROSURGERY 67:509-515, 2010
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- 48.** TWO STEP APPROACH FOR SURGICAL REMOVAL OF PETROCLIVAL MENINGIOMAS WITH LARGE SUPRATENTORIAL EXTENSION.
SAMII M, GERGANOV V, GIORDANO M, SAMII A
NEUROSURG REV 34:173-179, 2010
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- 49.** AN ELECTROPHYSIOLOGICAL STUDY ON THE SAFETY OF THE ENDOSCOPE-ASSISTED MICROSURGICAL REMOVAL OF VESTIBULAR SCHWANNOMAS.
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50. CLIVUS CHORDOMA IN CONTINUITY WITH A LARGE PONTINE CYST.
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51. DEPICTION OF SMALL VEINS DRAINING INTO THE VEIN OF GALEN USING PREOPERATIVE 3-DIMENSIONAL NAVIGATION IN LIVING PATIENTS.
GIORDANO M, WREDE KH, STIEGLITZ LH, COLUMBANO L, SAMII M, LUEDEMANN WO
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52. RADIOLOGICAL FACTORS RELATED TO PRE-OPERATIVE HEARING LEVELS IN PATIENTS WITH VESTIBULAR SCHWANNOMAS.
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J CLIN NEUROSCI 16:1009-1012, 2009
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53. IDENTIFICATION OF VENOUS VARIANTS IN THE PINEAL REGION WITH 3D PREOPERATIVE COMPUTED TOMOGRAPHY AND MAGNETIC RESONANCE IMAGING NAVIGATION. A STATISTICAL STUDY OF VENOUS ANATOMY IN LIVING PATIENTS.
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BOOK CHAPTERS

1. CAVERNOMAS
MASSIMI L, SOUVNIK K, GIORDANO M, BERTALANFFY H
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2. SPINAL SCHWANNOMAS
SAMII M, GIORDANO M
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3. VON HIPPEL-LINDAU DISEASE
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4. THE USE OF COMPUTER ASSISTED IMAGE GUIDANCE IN BRAIN TUMOR SURGERY.
GIORDANO M, SAMII A

IN: CURRENT PROGRESS IN NEUROSURGERY VOLUME 2. 2017. MISRA B K, LAWS E, KAYE A H (Eds)
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5. QUALITATIVE AND QUANTITATIVE ASSESSMENT OF CORTICOSPINAL TRACT: PREOPERATIVE AND INTRAOPERATIVE APPLICATIONS.
SAMII A, GIORDANO M, JAVADI A, NABAVI A
IN: VISUALIZATION OF THE BRAIN AND ITS PATHOLOGIES: TECHNICAL AND NEUROSURGICAL ASPECTS, 5/2016. SAMII A, NABAVI A, FAHLBUSCH R (Eds). DER ANDERE VERLAG.
ISBN: 978-3862475773
6. NEUROENDOSKOPIE
HELLWIG D, GIORDANO M, PATERNO V
IN: NEUROCHIRURGIE: HANDBUCH FÜR DIE WEITERBILDUNG UND INTERDISZIPLINÄRES NACHSCHLAGEWERK, 12/2014: PAGES 343-359. MOSKOPP, WASSERMANN (Eds). SCHATTAUER
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7. PREOPERATIVE VISUALIZATION OF THE FACIAL NERVE USING DIFFUSION TENSOR IMAGING FIBRE TRACKING IN PATIENTS WITH LARGE VESTIBULAR SCHWANNOMAS
GIORDANO M, GERGANOV V M, SAMII A
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8. RETROSIGMOIDAL CRANIOTOMY FOR VESTIBULAR SCHWANNOMA PATIENTS: POSTOPERATIVE CEREBROSPINAL FLUID LEAK.
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9. TUMOR RESECTION CONTROL USING INTRAOPERATIVE MAGNETIC RESONANCE IMAGING.
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**SPEAKER AT
INTERNATIONAL
CONGRESS**

- 30TH JAHRESTAGUNG DER GESELLSCHAFT FÜR SCHÄDELBASISCHIRURGIE (HANNOVER, 11 – 14 OCTOBER) FACULTY AND LOCAL ORGANISING COMMITTEE MEMBER
- WORKSHOP FACULTY: MIXED & VIRTUAL REALITY IN SKULL BASE SURGERY

- THE ROLE OF EXTENDED REALITY IN SKULL BASE SURGERY TODAY
- 74TH JAHRESTAGUNG DER DEUTSCHEN GESELLSCHAFT FÜR NEUROCHIRURGIE (STUTTGART, 25 – 28 JUNE 2023)
 - MIXED REALITY UTILITY IN THE PREOPERATIVE PLANNING FOR INTRACRANIAL AND SKULL BASE TUMORS
 - AUDITORY MIDBRAIN IMPLANT (AMI): CONCEPT AND RESULTS FROM THE 2-SHANK CLINICAL TRIAL
- EANS CONGRESS 2022 (BELGRADE, 16 – 20 OCTOBER)
 - POSTPROCESSING OF IMAGING DATA FOR SURGICAL PLANNING LIVE DEMONSTRATION
 - VIRTUAL REALITY PLANNING FOR A SKULL BASE TUMOUR CASE
- WFNS SPECIAL WORLD CONGRESS 2019 (BEIJING, 9 – 12 SEPTEMBER 2019)
 - CAN INTRAOPERATIVE MAGNETIC RESONANCE IMAGING BE HELPFUL IN THE SURGICAL RESECTION OF PARASELLAR MENINGIOMAS ? A CASE SERIES
- 70TH JAHRESTAGUNG DER DEUTSCHEN GESELLSCHAFT FÜR NEUROCHIRURGIE (WÜRZBURG, 12 – 15 MAY 2019)
 - FUNCTIONAL OUTCOME AFTER MICROSURGICAL TOTAL REMOVAL OF VESTIBULAR SCHWANNOMA IN ELDERLY PATIENTS
- 16TH WORLD CONGRESS OF NEUROSURGERY (ISTANBUL, 20 – 25 AUGUST 2017)
 - PRESERVATION OF THE OLFATORY FUNCTION USING FRONTOLATERAL APPROACH FOR THE TREATMENT OF SUPRASELLAR LESIONS
 - SURGICAL TREATMENT OF CRANIOPHARYNGIOMAS IN CHILDREN: UTILITY OF INTRAOPERATIVE MAGNETIC RESONANCE IMAGING
 - CLINICALLY SILENT BUT RAPIDLY GROWING SOMATOTROPHINOMAS: NEUROSURGICAL MANAGEMENT
 - INTRAOPERATIVE CHANGE IN THE FRACTIONAL ANISOTROPY OF THE OPTIC CHIASMA AS AN EARLY PREDICTOR OF THE VISUAL OUTCOME AFTER OPTIC CHIASMA DECOMPRESSION IN PATIENTS OPERATED IN THE SETTING OF INTRAOPERATIVE MRI
- 68TH JAHRESTAGUNG DER DEUTSCHEN GESELLSCHAFT FÜR NEUROCHIRURGIE (MAGDEBURG, 14 – 17 MAY 2017)
 - NEUROSURGICAL MANAGEMENT OF CLINICALLY SILENT BUT GH-PRODUCING PITUITARY ADENOMAS
- INTRAOPERATIVE IMAGING SOCIETY 6TH BIENNIAL MEETING (HANNOVER, 23 – 26 FEBRUARY 2017)
 - APPLICATION OF HIGH-FIELD INTRAOPERATIVE MAGNETIC RESONANCE IMAGING IN PEDIATRIC NEUROSURGERY
- 25TH CONGRESS OF THE EUROPEAN SOCIETY OF PEDIATRIC NEUROSURGERY (PARIS, 8 – 11 MAY 2016)
 - INTRAOPERATIVE MAGNETIC RESONANCE IN PEDIATRIC NEUROSURGERY: SAFETY AND UTILITY
- WHAT IS NEW IN PEDIATRIC NEUROSURGERY – WIN (HANNOVER, 10 – 11 JULY 2015)
 - DTI AND INTRAOPERATIVE FIBER TRACKING
- 66TH JAHRESTAGUNG DER DEUTSCHEN GESELLSCHAFT FÜR NEUROCHIRURGIE (KARLSRUHE, 7 – 10 JUNE 2015)
 - QUANTITATIVE CORTICOSPINAL TRACT DIFFUSION CHANGES IN PATIENTS WITH SUBCORTICAL

GLIOMAS CORRESPOND TO FUNCTIONAL STATUS – PRELIMINARY ANALYSIS

- USE OF INTRAOPERATIVE MAGNETIC RESONANCE IN PEDIATRIC NEUROSURGERY: OUR EXPERIENCE
- 4TH WORKSHOP ZUR DIFFUSIONSBILDGEBUNG (MARBURG, 27 FEBRUARY 2015)
 - APPARENT DIFFUSION COEFFICIENT ASSESSMENT IN VESTIBULAR SCHWANNOMAS
- 65TH JAHRESTAGUNG DER DEUTSCHEN GESELLSCHAFT FÜR NEUROCHIRURGIE (DRESDEN, 1 – 14 MAY 2014)
 - EVALUATION OF INTRAOPERATIVE 1.5 T MRI TO OPTIMIZE THE EXTENT OF RESECTION IN LOW-GRADE GLIOMAS
- 1ST WORKSHOP ZUR DIFFUSIONSBILDGEBUNG (HANNOVER, 17 JANUARY 2013)
 - INTRAOPERATIVE COMPARISON OF PERITUMORAL FIBERS WITH BRAINLAB AND 3D SLICER SOFTWARE
- 57TH JAHRESTAGUNG DER DEUTSCHEN FÜR MEDIZINISCHE INFORMATIK, BIOMETRIE UND EPIDEMIOLOGIE E.V. (BRAUNSCHWEIG, 16 – 21 SEPTEMBER 2012)
 - INTRAOPERATIVE VISUALIZATION OF BRAIN TUMORS: FUNCTIONAL NEURONAVIGATION AND IOPMRI
- 5TH WORLD CONGRESS FOR ENDOSCOPIC SURGERY OF THE BRAIN, SKULL BASE & SPINE (WIEN, 29 MARCH – 1 APRIL 2012)
 - THE ROLE OF ENDOSCOPIC ASSISTANCE IN TRANSCRANIAL SURGERY
- 60TH CONGRESSO NAZIONALE DELLA SOCIETÀ ITALIANA DI NEUROCHIRURGIA (FIRENZE, 5 – 7 JUNE 2011)
 - DTI-BASED FIBER TRACKING ALLOWS TO PREDICT RELIABLY THE POSITION OF THE FACIAL NERVE IN RELATION TO LARGE VESTIBULAR SCHWANNOMAS
- 9TH EUROPEAN SKULL BASE SOCIETY CONGRESS (ROTTERDAM, 15 – 18 APRIL 2009)
 - IDENTIFICATION OF VENOUS VARIANTS IN THE PINEAL REGION WITH 3D PREOPERATIVE NAVIGATION. A STATISTICAL STUDY ON THE VENOUS ANATOMY IN THE LIVING
- HYDROCEPHALUS 2008 (HANNOVER, 17 – 20 SEPTEMBER 2008)
 - IDENTIFICATION OF VENOUS VARIANTS IN THE PINEAL REGION WITH 3D PREOPERATIVE COMPUTED TOMOGRAPHY AND MAGNETIC RESONANCE IMAGING NAVIGATION - IMPLICATIONS FOR HYDROCEPHALUS AND DISEASES OF THE CSF

HANNOVER, 24.09.2024