

Gemelli University Hospital

The Gemelli [University Hospital](#) (Italian: Fondazione Policlinico Universitario Agostino Gemelli) is a large [general hospital](#) in [Rome](#), Italy. With 1575 [beds](#), it is the second-largest hospital in Italy, the largest hospital in Rome and one of the largest private hospitals in Europe.

It serves as the [teaching hospital](#) for the medical school of the Università Cattolica del Sacro Cuore (the largest privately owned university in Italy, founded in 1921 in Milan), and owes its name to the university founder, the Franciscan friar, physician and psychologist Agostino Gemelli. The hospital provides free medical assistance as part of the Italian national health system as well as paid-for private assistance in dedicated hotel-style wards.

1: Bonosi L, Silven MP, Biancardino AA, Sciortino A, Giammalva GR, Scerrati A, Sturiale CL, Albanese A, Tumbiolo S, Visocchi M, Iacopino DG, Maugeri R. Stem Cell Strategies in Promoting Neuronal Regeneration after Spinal Cord Injury: A Systematic Review. *Int J Mol Sci.* 2022 Oct 27;23(21):12996. doi: 10.3390/ijms232112996. PMID: 36361786.

2: Giammalva GR, Viola A, Maugeri R, Giardina K, Di Bonaventura R, Musso S, Brunasso L, Cepeda S, Della Pepa GM, Scerrati A, Mantovani G, Ferini G, Gerardi RM, Pino MA, Umana GE, Denaro L, Albanese A, Iacopino DG. Intraoperative Evaluation of Brain-Tumor Microvascularization through MicroV IOUS: A Protocol for Image Acquisition and Analysis of Radiomic Features. *Cancers (Basel).* 2022 Oct 29;14(21):5335. doi: 10.3390/cancers14215335. PMID: 36358754.

3: Marto JP, Strambo D, Ntaios G, Nguyen TN, Herzig R, Czlonkowska A, Demeestere J, Mansour OY, Salerno A, Wegener S, Baumgartner P, Cereda CW, Bianco G, Beyeler M, Arnold M, Carrera E, Machi P, Altersberger V, Bonati L, Gensicke H, Bolognese M, Peters N, Wetzel S, Magriço M, Ramos JN, Sargento-Freitas J, Machado R, Maia C, Machado E, Nunes AP, Ferreira P, Pinho E Melo T, Dias MC, Paula A, Correia MA, Castro P, Azevedo E, Albuquerque L, Alves JN, Ferreira-Pinto J, Meira T, Pereira L, Rodrigues M, Araujo AP, Rodrigues M, Rocha M, Pereira-Fonseca Â, Ribeiro L, Varela R, Malheiro S, Cappellari M, Zivelonghi C, Sajeva G, Zini A, Gentile M, Forlivesi S, Migliaccio L, Sessa M, La Gioia S, Pezzini A, Sangalli D, Zedde M, Pascarella R, Ferrarese C, Beretta S, Diamanti S, Schwarz G, Frisullo G, Marcheselli S, Seners P, Sabben C, Escalard S, Piotin M, Maier B, Charbonnier G, Vuillier F, Legris L, Cuisenier P, Vodret FR, Marnat G, Liegey JS, Sibon I, Flottmann F, Broocks G, Gloyer NO, Bohmann FO, Schaefer JH, Nolte C, Audebert HJ, Siebert E, Sykora M, Lang W, Ferrari J, Mayer-Suess L, Knoflach M, Gizewski ER, Stolp J, Stolze LJ, Coutinho JM, Nederkoorn P, van den Wijngaard I, De Meris J, Lemmens R, De Raedt S, Vandervorst F, Rutgers MP, Guilmot A, Dusart A, Bellante F, Calleja-Castaño P, Ostos F, González-Ortega G, Martín- Jiménez P, García-Madróna S, Cruz-Culebras A, Vera R, Matute MC, Fuentes B, Alonso-de-Leciñana M, Rigual R, Díez-Tejedor E, Perez-Sanchez S, Montaner J, Díaz-Otero F, Pérez-de-la-Ossa N, Flores-Pina B, Muñoz-Narbona L, Chamorro A, Rodríguez-Vázquez A, Renú A, Ayo-Martin O, Hernández-Fernández F, Segura T, Tejada-Meza H, Sagarra-Mur D, Serrano-Ponz M, Hlaing T, See I, Simister R, Werring D, Kristoffersen ES, Nordanstig A, Jood K, Rentzos A, Šimůnek L, Krajíčková D, Krajina A, Mikulik R, Cviková M, Vinklárík J, Školoudík D, Roubec M, Hurtikova E, Hrubý R, Ostry S, Skoda O, Pernicka M, Jurak L, Eichlová Z, Jíra M, Kovar M, Panský M, Mencl P, Palouskova H, Tomek A, Janský P, Olšerová A, Sramek M, Havlicek R, Malý P, Trakal L, Fiksa J, Slovák M, Karlinski MA, Nowak M, Sienkiewicz-Jarosz H, Bochynska A, Wrona P, Homa T, Sawczynska K, Slowik A, Wlodarczyk E, Wiacek

M, Tomaszewska-Lampart I, Sieczkowski B, Bartosik-Psujek H, Bilik M, Bandzarewicz A, Dorobek M, Zielinska-Turek J, Nowakowska-Kotas M, Obara K, Urbanowski P, Budrewicz S, Guziński M, Świtońska M, Rutkowska I, Sobieszak- Skura P, Labuz-Roszak BM, Debiec A, Staszewski J, Stępień A, Zwiernik J, Wasilewski G, Tiu C, Terecoasă EO, Radu RA, Negrila A, Dorobat B, Panea C, Tiu V, Petrescu S, Ozdemir A, Mahmoud M, El-Samahy H, Abdelkhalek H, Al-Hashel J, Ismail II, Salmeen A, Ghoreishi A, Sabetay SI, Gross H, Klein P, Abdalkader M, Jabbour P, El Naamani K, Tjoumakaris S, Abbas R, Mohamed GA, Chebl A, Min J, Hovingh M, Tsai JP, Khan M, Nalleballe K, Onteddu S, Masoud H, Michael M, Kaur N, Maali L, Abraham MG, Khandelwal P, Bach I, Ong M, Babici D, Khawaja AM, Hakemi M, Rajamani K, Cano-Nigenda V, Arauz A, Amaya P, Llanos N, Arango A, Vences MÁ, Barrientos Guerra JD, Caetano R, Martins RT, Scollo SD, Yalung PM, Nagendra S, Gaikwad A, Seo KD, Georgiopoulos G, Nogueira RG, Michel P; and the Global COVID-19 Stroke Registry. Safety and Outcome of Revascularization Treatment in Patients With Acute Ischemic Stroke and COVID-19: The Global COVID-19 Stroke Registry. *Neurology*. 2022 Nov 9;10.1212/WNL.0000000000201537. doi: 10.1212/WNL.0000000000201537. Epub ahead of print. PMID: 36351814.

4: Pizzamiglio C, Pitceathly RDS, Lunn MP, Brady S, De Marchi F, Galan L, Heckmann JM, Horga A, Molnar MJ, Oliveira ASB, Pinto WBVR, Primiano G, Santos E, Schoser B, Servidei S, Sgobbi Souza PV, Vishnu V, Hanna MG, Dimachkie MM, Machado PM; Neuromuscular Diseases and COVID-19 Study Group. Factors Associated with the Severity of COVID-19 Outcomes in People with Neuromuscular Diseases: Data from the International Neuromuscular COVID-19 Registry. *Eur J Neurol*. 2022 Oct 27. doi: 10.1111/ene.15613. Epub ahead of print. PMID: 36303290.

5: Ceruti T, D'Alessandris QG, Frapolli R, Gopalakrishnan J, Buccarelli M, Meroni M, Lauretti L, Ricci-Vitiani L, Pallini R, Zucchetti M. Development and Validation of a HPLC-MS/MS Method to Measure Nifuroxazide and Its Application in Healthy and Glioblastoma-Bearing Mice. *Pharmaceutics*. 2022 Sep 28;14(10):2071. doi: 10.3390/pharmaceutics14102071. PMID: 36297506; PMCID: PMC9608191.

6: Trevisi G, Scerrati A, Rustemi O, Ricciardi L, Ius T, Auricchio AM, De Bonis P, Albanese A, Mangiola A, Maugeri R, Nicolosi F, Sturiale CL. Does the Timing of the Surgery Have a Major Role in Influencing the Outcome in Elders with Acute Subdural Hematomas? *J Pers Med*. 2022 Sep 30;12(10):1612. doi: 10.3390/jpm12101612. PMID: 36294751; PMCID: PMC9604688.

7: Bisello S, Cilla S, Benini A, Cardano R, Nguyen NP, Deodato F, Macchia G, Buwenge M, Cammelli S, Wondemagegnehu T, Uddin AFMK, Rizzo S, Bazzocchi A, Strigari L, Morganti AG. Dose-Volume Constraints fOr oRganS At risk In Radiotherapy (CORSAIR): An "All-in-One" Multicenter-Multidisciplinary Practical Summary. *Curr Oncol*. 2022 Sep 27;29(10):7021-7050. doi: 10.3390/currenconcol29100552. PMID: 36290829; PMCID: PMC9600677.

8: Zaed I, Della Pepa GM, Cannizzaro D, Menna G, Cardia A. Applicability and efficacy of ultrasound elastography in neurosurgery: a systematic review of the literature. *J Neurosurg Sci*. 2022 Oct 14. doi: 10.23736/S0390-5616.22.05866-0. Epub ahead of print. PMID: 36239425.

9: Del Baldo G, Carai A, Abbas R, Cacchione A, Vinci M, Di Ruscio V, Colafati GS, Rossi S, Diomedi Camassei F, Maestro N, Temelso S, Pericoli G, De Billy E, Giovannoni I, Carboni A, Rinelli M, Agolini E, Mackay A, Jones C, Chiesa S, Balducci M, Locatelli F, Mastronuzzi A. Targeted therapy for pediatric diffuse intrinsic pontine glioma: a single-center experience. *Ther Adv Med Oncol*. 2022 Sep 6;14:17588359221113693. doi: 10.1177/17588359221113693. PMID: 36090803; PMCID: PMC9459464.

10: Mancini F, Guzzi G, Castrioto CF, Cavallo MA, Conti A, Conti C, Della Torre A, Esposito F, Iorio G, Landi A, Lanotte M, Lavano A, Locatelli M, Longhi M, Marruzzo D, Mondani M, Morace R, Pellizzari M, Piacentino M, Picozzi P, Romeo F, Sarrubbo S, Servello D, Somma T, Trezza A, Tringali G, Tufo T,

- Ricciuti RA. Deep brain stimulation for Parkinson's disease in practice: results of the survey by the Italian Neurosurgery Society. *J Neurosurg Sci*. 2022 Sep 9. doi: 10.23736/S0390-5616.22.05751-4. Epub ahead of print. PMID: 36082836.
- 11: Brunasso L, Bonosi L, Costanzo R, Buscemi F, Giammalva GR, Ferini G, Valenti V, Viola A, Umana GE, Gerardi RM, Sturiale CL, Albanese A, Iacopino DG, Maugeri R. Updated Systematic Review on the Role of Brain Invasion in Intracranial Meningiomas: What, When, Why? *Cancers (Basel)*. 2022 Aug 27;14(17):4163. doi: 10.3390/cancers14174163. PMID: 36077700; PMCID: PMC9454707.
- 12: Pacifico P, Colciago RR, De Felice F, Boldrini L, Salvestrini V, Nardone V, Desideri I, Greco C, Arcangeli S. A critical review on oligometastatic disease: a radiation oncologist's perspective. *Med Oncol*. 2022 Sep 7;39(12):181. doi: 10.1007/s12032-022-01788-8. PMID: 36071292; PMCID: PMC9452425.
- 13: La Rocca G, Mazzucchi E, Pignotti F, Nasto LA, Galieri G, Olivi A, De Santis V, Rinaldi P, Pola E, Sabatino G. Intraoperative CT-guided navigation versus fluoroscopy for percutaneous pedicle screw placement in 192 patients: a comparative analysis. *J Orthop Traumatol*. 2022 Sep 1;23(1):44. doi: 10.1186/s10195-022-00661-8. PMID: 36048284; PMCID: PMC9437178.
- 14: Slotman BJ, Clark MA, Özyar E, Kim M, Itami J, Tallet A, Debus J, Pfeffer R, Gentile P, Hama Y, Andratschke N, Riou O, Camilleri P, Belka C, Quivrin M, Kim B, Pedersen A, van Overeem Felter M, Kim YI, Kim JH, Fuss M, Valentini V. Clinical adoption patterns of 0.35 Tesla MR-guided radiation therapy in Europe and Asia. *Radiat Oncol*. 2022 Aug 22;17(1):146. doi: 10.1186/s13014-022-02114-2. PMID: 35996192; PMCID: PMC9396857.
- 15: Zamagni A, Bonetti M, Buwenge M, Macchia G, Deodato F, Cilla S, Galiotta E, Strigari L, Cellini F, Tagliaferri L, Cammelli S, Morganti AG. Stereotactic radiotherapy of nodal oligometastases from prostate cancer: a prisma-compliant systematic review. *Clin Exp Metastasis*. 2022 Dec;39(6):845-863. doi: 10.1007/s10585-022-10183-6. Epub 2022 Aug 18. PMID: 35980556; PMCID: PMC9637632.
- 16: Jia X, Zhang S, Tan S, Du B, He M, Qin H, Chen J, Duan X, Luo J, Chen F, Ouyang L, Wang J, Chen G, Yu B, Zhang G, Zhang Z, Lyu Y, Huang Y, Jiao J, Chen JYH, Swoboda KJ, Agolini E, Novelli A, Leoni C, Zampino G, Cappuccio G, Brunetti-Pierri N, Gerard B, Ginglinger E, Richer J, McMillan H, White-Brown A, Hoekzema K, Bernier RA, Kurtz-Nelson EC, Earl RK, Meddens C, Alders M, Fuchs M, Caumes R, Brunelle P, Smol T, Kuehl R, Day-Salvatore DL, Monaghan KG, Morrow MM, Eichler EE, Hu Z, Yuan L, Tan J, Xia K, Shen Y, Guo H. De novo variants in genes regulating stress granule assembly associate with neurodevelopmental disorders. *Sci Adv*. 2022 Aug 19;8(33):eabo7112. doi: 10.1126/sciadv.abo7112. Epub 2022 Aug 17. PMID: 35977029; PMCID: PMC9385150.
- 17: Lazzarino G, Di Pietro V, Rinaudo M, Nagy Z, Barnes NM, Bruce L, Signoretti S, Mangione R, Saab MW, Tavazzi B, Belli A, Lazzarino G, Amorini AM, Logan A. ILB[®], a Low Molecular Weight Dextran Sulphate, Restores Glutamate Homeostasis, Amino Acid Metabolism and Neurocognitive Functions in a Rat Model of Severe Traumatic Brain Injury. *Int J Mol Sci*. 2022 Jul 30;23(15):8460. doi: 10.3390/ijms23158460. PMID: 35955592; PMCID: PMC9368799.
- 18: Trungu S, Ricciardi L, Forcato S, Piazza A, D'Andrea G, Polli FM, 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. *Eur Spine J*. 2022 Aug 3. doi: 10.1007/s00586-022-07339-z. Epub ahead of print. PMID: 35922634.
- 19: Zaed I, Bongetta D, Della Pepa GM, Zoia C, Somma T, Zoli M, Raffa G, Menna G. The prevalence of imposter syndrome among young neurosurgeons and residents in neurosurgery: a multicentric study.

Neurosurg Focus. 2022 Aug;53(2):E9. doi: 10.3171/2022.4.FOCUS2216. PMID: 35916091.

20: Rasulo FA, Hopkins P, Lobo FA, Pandin P, Matta B, Carozzi C, Romagnoli S, Absalom A, Badenes R, Bleck T, Caricato A, Claassen J, Denault A, Honorato C, Motta S, Meyfroidt G, Radtke FM, Ricci Z, Robba C, Taccone FS, Vespa P, Nardiello I, Lamperti M. Processed Electroencephalogram-Based Monitoring to Guide Sedation in Critically Ill Adult Patients: Recommendations from an International Expert Panel-Based Consensus. *Neurocrit Care*. 2022 Jul 27. doi: 10.1007/s12028-022-01565-5. Epub ahead of print. PMID: 35896766.

21: Giammalva GR, Brunasso L, Paolini F, Costanzo R, Bonosi L, Benigno UE, Ferini G, Sava S, Colarossi C, Umana GE, Gerardi RM, Sturiale CL, Albanese A, Iacopino DG, Maugeri R. The Long and Winding Road: An Overview of the Immunological Landscape of Intracranial Meningiomas. *Cancers (Basel)*. 2022 Jul 26;14(15):3639. doi: 10.3390/cancers14153639. PMID: 35892898; PMCID: PMC9367534.

22: Meoli A, Ciavola L, Rahman S, Masetti M, Toschetti T, Morini R, Dal Canto G, Auriti C, Caminiti C, Castagnola E, Conti G, Donà D, Galli L, La Grutta S, Lancella L, Lima M, Lo Vecchio A, Pelizzo G, Petrosillo N, Simonini A, Venturini E, Caramelli F, Gargiulo GD, Sesenna E, Sgarzani R, Vicini C, Zucchelli M, Mosca F, Staiano A, Principi N, Esposito S, On Behalf Of The Peri-Operative Prophylaxis In Neonatal And Paediatric Age Pop-NeoPed Study Group. Prevention of Surgical Site Infections in Neonates and Children: Non-Pharmacological Measures of Prevention. *Antibiotics (Basel)*. 2022 Jun 27;11(7):863. doi: 10.3390/antibiotics11070863. PMID: 35884117; PMCID: PMC9311619.

23: Esposito S, Zucchelli M, Bianchini S, Nicoletti L, Monaco S, Rigotti E, Venditto L, Auriti C, Caminiti C, Castagnola E, Conti G, De Luca M, Donà D, Galli L, Garazzino S, La Grutta S, Lancella L, Lima M, Maglietta G, Pelizzo G, Petrosillo N, Piacentini G, Pizzi S, Simonini A, Tesoro S, Venturini E, Mosca F, Staiano A, Principi N, On Behalf Of The Peri-Operative Prophylaxis In Neonatal And Paediatric Age Pop-NeoPed Study Group. Surgical Antimicrobial Prophylaxis in Neonates and Children Undergoing Neurosurgery: A RAND/UCLA Appropriateness Method Consensus Study. *Antibiotics (Basel)*. 2022 Jun 26;11(7):856. doi: 10.3390/antibiotics11070856. PMID: 35884111; PMCID: PMC9311924.

24: Lam K, Abràmoff MD, Balibrea JM, Bishop SM, Brady RR, Callcut RA, Chand M, Collins JW, Diener MK, Eisenmann M, Fermont K, Neto MG, Hager GD, Hinchliffe RJ, Horgan A, Jannin P, Langerman A, Logishetty K, Mahadik A, Maier-Hein L, Antona EM, Mascagni P, Mathew RK, Müller-Stich BP, Neumuth T, Nickel F, Park A, Pellino G, Rudzicz F, Shah S, Slack M, Smith MJ, Soomro N, Speidel S, Stoyanov D, Tilney HS, Wagner M, Darzi A, Kinross JM, Purkayastha S. A Delphi consensus statement for digital surgery. *NPJ Digit Med*. 2022 Jul 19;5(1):100. doi: 10.1038/s41746-022-00641-6. PMID: 35854145; PMCID: PMC9296639.

25: Cobianchi L, Verde JM, Loftus TJ, Piccolo D, Dal Mas F, Mascagni P, Garcia Vazquez A, Ansaloni L, Marsegli GR, Massaro M, Gallix B, Padoy N, Peter A, Kaafarani HM. Artificial Intelligence and Surgery: Ethical Dilemmas and Open Issues. *J Am Coll Surg*. 2022 Aug 1;235(2):268-275. doi: 10.1097/XCS.0000000000000242. Epub 2022 Apr 21. PMID: 35839401.

26: Garozzo D, Rispoli R, Graziano F, Gerardi RM, Grotenhuis A, Jenkins A, Sammons V, Visocchi M, Pinazzo S, Lima R, Martinez F, Emamhadi M, Pedro MT, Shirwari HS, Guedes F, Bhagavatula ID, Shukla DP, Bhat ID, Ojo OA, Tirsit A, Gonzales-Gonzales ME, Luna F, Kretschmer T, Benzel E, Cappelletto B. Women in Neurosurgery: Historical Path to Self-Segregation and Proposal for an Integrated Future. *Front Surg*. 2022 Jun 28;9:908540. doi: 10.3389/fsurg.2022.908540. PMID: 35836607; PMCID: PMC9274114.

27: Bove F, Cavallieri F, Castrioto A, Meoni S, Schmitt E, Bichon A, Lhommée E, Pélissier P, Kistner A,

Chevrier E, Seigneuret E, Chabardès S, Valzania F, Fraix V, Moro E. Does Motor Symptoms Asymmetry Predict Motor Outcome of Subthalamic Deep Brain Stimulation in Parkinson's Disease Patients? *Front Hum Neurosci*. 2022 Jun 21;16:931858. doi: 10.3389/fnhum.2022.931858. PMID: 35799771; PMCID: PMC9253299.

28: Mazzucchi E, La Rocca G, Perna A, Pignotti F, Galieri G, De Santis V, Rinaldi P, Tamburrelli FC, Sabatino G. Single-Level Anterior Cervical Discectomy and Interbody Fusion: A Comparison between Porous Tantalum and Polyetheretherketone Cages. *J Pers Med*. 2022 Jun 17;12(6):986. doi: 10.3390/jpm12060986. PMID: 35743770; PMCID: PMC9224653.

29: Gielen GH, Baugh JN, van Vuurden DG, Veldhuijzen van Zanten SEM, Hargrave D, Massimino M, Biassoni V, Morales la Madrid A, Karremann M, Wiese M, Thomale U, Janssens GO, von Bueren AO, Perwein T, Nussbaumer G, Hoving EW, Niehusmann P, Gessi M, Kwiecien R, Bailey S, Pietsch T, Andreiuolo F, Kramm CM. Pediatric high-grade gliomas and the WHO CNS Tumor Classification- Perspectives of pediatric neuro-oncologists and neuropathologists in light of recent updates. *Neurooncol Adv*. 2022 May 20;4(1):vdac077. doi: 10.1093/noajnl/vdac077. PMID: 35733513; PMCID: PMC9209749.

30: Catanzaro G, Besharat ZM, Carai A, Jäger N, Splendiani E, Colin C, Po A, Chiacchiarini M, Citarella A, Gianni F, Cacchione A, Miele E, Diomedi Camassei F, Gessi M, Massimi L, Locatelli F, Jones DTW, Figarella-Branger D, Pfister SM, Mastronuzzi A, Giangaspero F, Ferretti E. MiR-1248: a new prognostic biomarker able to identify supratentorial hemispheric pediatric low-grade gliomas patients associated with progression. *Biomark Res*. 2022 Jun 17;10(1):44. doi: 10.1186/s40364-022-00389-x. PMID: 35715818; PMCID: PMC9205050.

31: Scutelnic A, Krzywicka K, Mbroh J, van de Munckhof A, van Kammen MS, de Sousa DA, Lindgren E, Jood K, Günther A, Hiltunen S, Putaala J, Tiede A, Maier F, Kern R, Bartsch T, Althaus K, Ciccone A, Wiedmann M, Skjelland M, Medina A, Cuadrado-Godia E, Cox T, Aujayeb A, Raposo N, Garambois K, Payen JF, Vuillier F, Franchineau G, Timsit S, Bougon D, Dubois MC, Tawa A, Tracol C, De Maistre E, Bonneville F, Vayne C, Mengel A, Michalski D, Pelz J, Wittstock M, Bode F, Zimmermann J, Schouten J, Buture A, Murphy S, Palma V, Negro A, Gutschalk A, Nagel S, Schoenenberger S, Frisullo G, Zanferrari C, Grillo F, Giammello F, Martin MM, Cervera A, Burrow J, Esperon CG, Chew BLA, Kleinig TJ, Soriano C, Zimatore DS, Petruzzellis M, Elkady A, Miranda MS, Fernandes J, Vogel ÅH, Johansson E, Philip AP, Coutts SB, Bal S, Buck B, Legault C, Blacquièrre D, Katzberg HD, Field TS, Dizonno V, Gattringer T, Jacobi C, Devroye A, Lemmens R, Kristoffersen ES, di Poggio MB, Ghiasian M, Karapanayiotides T, Chatterton S, Wronski M, Ng K, Kahnis R, Geeraerts T, Reiner P, Cordonnier C, Middeldorp S, Levi M, van Gorp ECM, van de Beek D, Brodard J, Kremer Hovinga JA, Kruip MJHA, Tatlisumak T, Ferro JM, Coutinho JM, Arnold M, Poli S, Heldner MR. Management of Cerebral Venous Thrombosis Due to Adenoviral COVID-19 Vaccination. *Ann Neurol*. 2022 Oct;92(4):562-573. doi: 10.1002/ana.26431. Epub 2022 Jul 4. PMID: 35689346; PMCID: PMC9349982.

32: Mazzucchi E, La Rocca G, Hiepe P, Pignotti F, Galieri G, Policicchio D, Boccaletti R, Rinaldi P, Gaudino S, Ius T, Sabatino G. Intraoperative Integration of Multimodal Imaging to Improve Neuronavigation: A Technical Note. *World Neurosurg*. 2022 Aug;164:330-340. doi: 10.1016/j.wneu.2022.05.133. Epub 2022 Jun 3. PMID: 35667553.

33: Sturiale CL, Scerrati A, Ricciardi L, Rustemi O, Auricchio AM, 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. *Neurosurg Rev*. 2022 Oct;45(5):3179-3191. doi: 10.1007/s10143-022-01822-3. Epub 2022 Jun 4. PMID: 35665868; PMCID: PMC9492556.

- 34: Vergallo R, Volpe M. Long lasting effects of renal denervation: lights and shadows of the SPYRAL HTN-ON MED 3-year follow-up. *Eur Heart J*. 2022 Jul 21;43(28):2655-2656. doi: 10.1093/eurheartj/ehac301. PMID: 35653614.
- 35: Singh B, Lant S, Cividini S, Cattrall JWS, Goodwin LC, Benjamin L, Michael BD, Khawaja A, Matos AMB, Alkeridy W, Pilotto A, Lahiri D, Rawlinson R, Mhlanga S, Lopez EC, Sargent BF, Somasundaran A, Tamborska A, Webb G, Younas K, Al Sami Y, Babu H, Banks T, Cavallieri F, Cohen M, Davies E, Dhar S, Fajardo Modol A, Farooq H, Harte J, Hey S, Joseph A, Karthikappallil D, Kassahun D, Lipunga G, Mason R, Minton T, Mond G, Poxon J, Rabas S, Soothill G, Zedde M, Yenkeyan K, Brew B, Contini E, Cysique L, Zhang X, Maggi P, van Pesch V, Lechien J, Saussez S, Heyse A, Brito Ferreira ML, Soares CN, Elicer I, Eugén-von Bernhardt L, Nancupil Reyes W, Yin R, Azab MA, Abd-Allah F, Elkady A, Escalard S, Corvol JC, Delorme C, Tattevin P, Bigaut K, Lorenz N, Hornuss D, Hosp J, Rieg S, Wagner D, Knier B, Lingor P, Winkler AS, Sharifi-Razavi A, Moein ST, SeyedAlinaghi S, JamaliMoghadamSiahkali S, Morassi M, Padovani A, Giunta M, Libri I, Beretta S, Ravaglia S, Foschi M, Calabresi P, Primiano G, Servidei S, Biagio Mercuri N, Liguori C, Pierantozzi M, Sarmati L, Boso F, Garazzino S, Mariotto S, Patrick KN, Costache O, Pincherle A, Klok FA, Meza R, Cabreira V, Valdoleiros SR, Oliveira V, Kaimovsky I, Guekht A, Koh J, Fernández Díaz E, Barrios-López JM, Guijarro-Castro C, Beltrán-Corbellini Á, Martínez-Poles J, Diezma-Martín AM, Morales-Casado MI, García García S, Breville G, Coen M, Uginet M, Bernard-Valnet R, Du Pasquier R, Kaya Y, Abdelnour LH, Rice C, Morrison H, Defres S, Huda S, Enright N, Hassell J, D'Anna L, Benger M, Sztriha L, Raith E, Chinthapalli K, Nortley R, Paterson R, Chandratheva A, Werring DJ, Dervisevic S, Harkness K, Pinto A, Jillella D, Beach S, Gunasekaran K, Rocha Ferreira Da Silva I, Nalleballe K, Santoro J, Scullen T, Kahn L, Kim CY, Thakur KT, Jain R, Umapathi T, Nicholson TR, Sejvar JJ, Hodel EM; Brain Infections Global COVID-Neuro Network Study Group, Tudur Smith C, Solomon T. Prognostic indicators and outcomes of hospitalised COVID-19 patients with neurological disease: An individual patient data meta-analysis. *PLoS One*. 2022 Jun 2;17(6):e0263595. doi: 10.1371/journal.pone.0263595. PMID: 35653330; PMCID: PMC9162376.
- 36: Gaetani E, Peppucci E, Agostini F, Di Martino L, Lucci Cordisco E, Sturiale CL, Puca A, Porfidia A, Alexandre A, Pedicelli A, Pola R. Distribution of Cerebrovascular Phenotypes According to Variants of the *ENG* and *ACVRL1* Genes in Subjects with Hereditary Hemorrhagic Telangiectasia. *J Clin Med*. 2022 May 10;11(10):2685. doi: 10.3390/jcm11102685. PMID: 35628811; PMCID: PMC9146077.
- 37: Lancellotta V, Del Regno L, Di Stefani A, Fionda B, Marazzi F, Rossi E, Balducci M, Pampena R, Morganti AG, Mangoni M, Lebbe C, Garbe C, Longo C, Schinzari G, Tagliaferri L, Peris K. The role of stereotactic radiotherapy in addition to immunotherapy in the management of melanoma brain metastases: results of a systematic review. *Radiol Med*. 2022 Jul;127(7):773-783. doi: 10.1007/s11547-022-01503-7. Epub 2022 May 23. PMID: 35606609; PMCID: PMC9308608.
- 38: Gerardi RM, Giammalva GR, Basile L, Gulì C, Pino MA, Messina D, Umana GE, Graziano F, di Bonaventura R, Sturiale CL, Visocchi M, Iacopino DG, Maugeri R. White Cord Syndrome After Cervical or Thoracic Spinal Cord Decompression. Hemodynamic Complication or Mechanical Damage? An Underestimated Nosographic Entity. *World Neurosurg*. 2022 Aug;164:243-250. doi: 10.1016/j.wneu.2022.05.012. Epub 2022 May 16. PMID: 35589039.
- 39: Vasavda C, Semenza ER, Liew J, Kothari R, Dhindsa RS, Shanmukha S, Lin A, Tokhunts R, Ricco C, Snowman AM, Albacarys L, Pastore F, Ripoli C, Grassi C, Barone E, Kornberg MD, Dong X, Paul BD, Snyder SH. Biliverdin reductase bridges focal adhesion kinase to Src to modulate synaptic signaling. *Sci Signal*. 2022 May 10;15(733):eab3066. doi: 10.1126/scisignal.ab3066. Epub 2022 May 10. PMID: 35536885; PMCID: PMC9281001.
- 40: Trevisi G, Caccavella VM, Scerrati A, Signorelli F, Salamone GG, Orsini K, Fasciani C, D'Arrigo S,

Auricchio AM, D'Onofrio G, Salomi F, Albanese A, De Bonis P, Mangiola A, Sturiale CL. Machine learning model prediction of 6-month functional outcome in elderly patients with intracerebral hemorrhage. *Neurosurg Rev.* 2022 Aug;45(4):2857-2867. doi: 10.1007/s10143-022-01802-7. Epub 2022 May 6. PMID: 35522333; PMCID: PMC9349060.

41: Costanzo R, Brunasso L, Paolini F, Benigno UE, Porzio M, Giammalva GR, Gerardi RM, Umana GE, di Bonaventura R, Sturiale CL, Visocchi M, Iacopino DG, Maugeri R. Spinal Tractography as a Potential Prognostic Tool in Spinal Cord Injury: A Systematic Review. *World Neurosurg.* 2022 Aug;164:25-32. doi: 10.1016/j.wneu.2022.04.103. Epub 2022 Apr 29. PMID: 35500874.

42: Mulroy E, Macerollo A, Scotton S, Cociasu I, Di Lazzaro G, Bashir S, Doherty J, Hamid S, Mooney N, Batla A, Morgante F, Bhatia KP. Ethnic Differences in Dystonia Prevalence and Phenotype. *Mov Disord.* 2022 Jun;37(6):1323-1325. doi: 10.1002/mds.29034. Epub 2022 May 2. PMID: 35500158.

43: Mirabella M, Annovazzi P, Brownlee W, Cohen JA, Kleinschnitz C, Wolf C. Treatment Challenges in Multiple Sclerosis - A Continued Role for Glatiramer Acetate? *Front Neurol.* 2022 Apr 15;13:844873. doi: 10.3389/fneur.2022.844873. PMID: 35493825; PMCID: PMC9051342.

44: Brunasso L, Ferini G, Bonosi L, Costanzo R, Musso S, Benigno UE, Gerardi RM, Giammalva GR, Paolini F, Umana GE, Graziano F, Scalia G, Sturiale CL, Di Bonaventura R, Iacopino DG, Maugeri R. A Spotlight on the Role of Radiomics and Machine-Learning Applications in the Management of Intracranial Meningiomas: A New Perspective in Neuro-Oncology: A Review. *Life (Basel).* 2022 Apr 14;12(4):586. doi: 10.3390/life12040586. PMID: 35455077; PMCID: PMC9026541.

45: Giammalva GR, Ferini G, Torregrossa F, Brunasso L, Musso S, Benigno UE, Gerardi RM, Bonosi L, Costanzo R, Paolini F, Palmisciano P, Umana GE, Di Bonaventura R, Sturiale CL, Iacopino DG, Maugeri R. The Palliative Care in the Metastatic Spinal Tumors. A Systematic Review on the Radiotherapy and Surgical Perspective. *Life (Basel).* 2022 Apr 12;12(4):571. doi: 10.3390/life12040571. PMID: 35455062; PMCID: PMC9032747.

46: Paolini F, Ferini G, Bonosi L, Costanzo R, Brunasso L, Benigno UE, Porzio M, Gerardi RM, Giammalva GR, Umana GE, Graziano F, Scalia G, Sturiale CL, Di Bonaventura R, Iacopino DG, Maugeri R. Spinal Cord Stimulation to Treat Unresponsive Cancer Pain: A Possible Solution in Palliative Oncological Therapy. *Life (Basel).* 2022 Apr 7;12(4):554. doi: 10.3390/life12040554. PMID: 35455045; PMCID: PMC9025741.

47: Costanzo R, Ferini G, Brunasso L, Bonosi L, Porzio M, Benigno UE, Musso S, Gerardi RM, Giammalva GR, Paolini F, Palmisciano P, Umana GE, Sturiale CL, Di Bonaventura R, Iacopino DG, Maugeri R. The Role of 3D-Printed Custom-Made Vertebral Body Implants in the Treatment of Spinal Tumors: A Systematic Review. *Life (Basel).* 2022 Mar 28;12(4):489. doi: 10.3390/life12040489. PMID: 35454979; PMCID: PMC9030237.

48: Buwenge M, Arcelli A, Cellini F, Deodato F, Macchia G, Cilla S, Galietta E, Strigari L, Malizia C, Cammelli S, Morganti AG. Pain Relief after Stereotactic Radiotherapy of Pancreatic Adenocarcinoma: An Updated Systematic Review. *Curr Oncol.* 2022 Apr 11;29(4):2616-2629. doi: 10.3390/currenol29040214. PMID: 35448188; PMCID: PMC9032429.

49: Mantica G, Leonardi R, Diaz R, Malinaric R, Parodi S, Tappero S, Paraboschi I, Álvarez-Maestro M, Yuen-Chun Teoh J, Garriboli M, Ortega Polledo LE, Soriero D, Pertile D, De Marchi D, Pini G, Rigatti L, Ghosh SK, Onigbinde OA, Tafuri A, Carrion DM, Nikles S, Antoni A, Fransvea P, Esperto F, Herbella FAM, Oxley da Rocha A, Vanaclocha V, Sánchez-Guillén L, Wainman B, Quiroga-Garza A, Fregatti P, Murelli F, Van der Merwe A, Gomez Rivas J, Terrone C; CACTUS group. Reporting Characteristics of

cadaver training and sUrgical studies: The CACTUS guidelines. *Int J Surg.* 2022 May;101:106619. doi: 10.1016/j.ijsu.2022.106619. Epub 2022 Apr 14. PMID: 35429658.

50: Zaed I, Safa A, Spennato P, Mottolese C, Chibbaro S, Cannizzaro D, Faggin R, Frassanito P, Maduri R, Messerer M, Servadei F. A Multicentric European Clinical Study on Custom-Made Porous Hydroxyapatite Cranioplasty in a Pediatric Population. *Front Surg.* 2022 Mar 23;9:848620. doi: 10.3389/fsurg.2022.848620. PMID: 35402489; PMCID: PMC8983879.

51: Lancellotta V, Fanetti G, Monari F, Mangoni M, Mazzarotto R, Tagliaferri L, Gobitti C, Lodi Rizzini E, Talomo S, Turturici I, Paiar F, Corvò R, Jereczek- Fossa BA, Donato V, Vianello F. Stereotactic radiotherapy (SRT) for differentiated thyroid cancer (DTC) oligometastases: an AIRO (Italian association of radiotherapy and clinical oncology) systematic review. *Radiol Med.* 2022 Jun;127(6):681-689. doi: 10.1007/s11547-022-01489-2. Epub 2022 Apr 8. PMID: 35394605.

52: Galieri G, Mazzucchi E, Pignotti F, Rinaldi P, De Santis V, La Rocca G, Sabatino G. Lumbo-sacral pedicular aplasia diagnosis and treatment: a systematic literature review and case report. *Br J Neurosurg.* 2022 Apr 8:1-7. doi: 10.1080/02688697.2022.2057431. Epub ahead of print. PMID: 35393903.

53: 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. The role of the craniotomy size in the surgical evacuation of acute subdural hematomas in elderly patients: a retrospective multicentric study. *J Neurosurg Sci.* 2022 Apr 5. doi: 10.23736/S0390-5616.22.05648-X. Epub ahead of print. PMID: 35380204.

54: Stumpo V, Latour K, Trevisi G, Valente I, D'Arrigo S, Olivi A, Sturiale CL. Comparison between rupture/growth risk scores and treatment recommendation scores application to aneurysmal subarachnoid hemorrhage patients: A multicenter cross-reliability assessment study. *J Clin Neurosci.* 2022 May;99:359-366. doi: 10.1016/j.jocn.2022.03.034. Epub 2022 Mar 29. PMID: 35364438.

55: Kroese TE, van Laarhoven HWM, Nilsson M, Lordick F, Guckenberger M, Ruurda JP, D'Ugo D, Haustermans K, van Cutsem E, van Hillegersberg R, van Rossum PSN. Definition of oligometastatic esophagogastric cancer and impact of local oligometastasis-directed treatment: A systematic review and meta-analysis. *Eur J Cancer.* 2022 May;166:254-269. doi: 10.1016/j.ejca.2022.02.018. Epub 2022 Mar 24. PMID: 35339868.

56: Bonosi L, Ferini G, Giammalva GR, Benigno UE, Porzio M, Giovannini EA, Musso S, Gerardi RM, Brunasso L, Costanzo R, Paolini F, Graziano F, Scalia G, Umana GE, Di Bonaventura R, Sturiale CL, Iacopino DG, Maugeri R. Liquid Biopsy in Diagnosis and Prognosis of High-Grade Gliomas; State-of-the-Art and Literature Review. *Life (Basel).* 2022 Mar 11;12(3):407. doi: 10.3390/life12030407. PMID: 35330158; PMCID: PMC8950809.

57: De Martino L, Picariello S, Triarico S, Improda N, Spennato P, Capozza MA, Grandone A, Santoro C, Cioffi D, Attinà G, Cinalli G, Ruggiero A, Quaglietta L. Diencephalic Syndrome Due to Optic Pathway Gliomas in Pediatric Patients: An Italian Multicenter Study. *Diagnostics (Basel).* 2022 Mar 9;12(3):664. doi: 10.3390/diagnostics12030664. PMID: 35328218; PMCID: PMC8947184.

58: Deodato F, Pezzulla D, Cilla S, Ferro M, Buwenge M, Morganti AG, Macchia G. Reply to "Letter to the editor regarding 'Stereotactic radiosurgery for bone metastases in oligometastatic prostate cancer patients: DESTROY-2 clinical trial subanalysis'". *Clin Transl Oncol.* 2022 Jun;24(6):1217-1218. doi: 10.1007/s12094-022-02813-y. Epub 2022 Mar 19. PMID: 35305244.

59: Rossi S, Barresi S, Colafati GS, Giovannoni I, Miele E, Alesi V, Cacchione A, Diomedi-Camassei F,

Macari G, Antonelli M, Carboni A, Carai A, Mastronuzzi A, Giangaspero F, Gessi M, Alaggio R. Paediatric astroblastoma-like neuroepithelial tumour of the spinal cord with a MAMLD1-BEND2 rearrangement. *Neuropathol Appl Neurobiol*. 2022 Aug;48(5):e12814. doi: 10.1111/nan.12814. Epub 2022 Apr 10. PMID: 35301744.

60: Zoli M, Bongetta D, Raffa G, Somma T, Zoia C, Della Pepa GM. Young Neurosurgeons and Technology: Survey of Young Neurosurgeons Section of Italian Society of Neurosurgery (Società Italiana di Neurochirurgia, SINch). *World Neurosurg*. 2022 Jun;162:e436-e456. doi: 10.1016/j.wneu.2022.03.022. Epub 2022 Mar 11. PMID: 35283359.

61: Ricciardi L, Sturiale CL, Scerrati A, Stifano V, Somma T, Ius T, Trungu S, Acqui M, Raco A, Miscusi M, Della Pepa GM. 5-Aminolevulinic Acid False-Positive Rates in Newly Diagnosed and Recurrent Glioblastoma: Do Pseudoprogression and Radionecrosis Play a Role? A Meta-Analysis. *Front Oncol*. 2022 Feb 17;12:848036. doi: 10.3389/fonc.2022.848036. PMID: 35252015; PMCID: PMC8891510.

62: Moresi F, Rossetti DV, Vincenzoni F, Simboli GA, La Rocca G, Olivi A, Urbani A, Sabatino G, Desiderio C. Investigating Glioblastoma Multiforme Sub-Proteomes: A Computational Study of CUSA Fluid Proteomic Data. *Int J Mol Sci*. 2022 Feb 12;23(4):2058. doi: 10.3390/ijms23042058. PMID: 35216175; PMCID: PMC8879425.

63: Macchia G, Nardangeli A, Laliscia C, Fodor A, Draghini L, Gentile PC, D'Agostino GR, Balcet V, Bonome P, Ferioli M, Autorino R, Vicenzi L, Raguso A, Borghesi S, Ippolito E, Di Cataldo V, Cilla S, Perrucci E, Campitelli M, Gambacorta MA, Deodato F, Scambia G, Ferrandina G. Stereotactic body radiotherapy in oligometastatic cervical cancer (MITO-RT2/RAD study): a collaboration of MITO, AIRO GYN, and MaNGO groups. *Int J Gynecol Cancer*. 2022 Jun 6;32(6):732-739. doi: 10.1136/ijgc-2021-003237. PMID: 35193941.

64: Vergari A, Frassanito L, DI Muro M, Nestorini R, Chierichini A, Rossi M, DI Stasio E. Bilateral lumbar ultrasound-guided erector spinae plane block versus local anesthetic infiltration for perioperative analgesia in lumbar spine surgery: a randomized controlled trial. *Minerva Anestesiol*. 2022 Jun;88(6):465-471. doi: 10.23736/S0375-9393.22.15950-X. Epub 2022 Feb 22. PMID: 35191639.

65: Staartjes VE, Stumpo V, Ricciardi L, Maldaner N, Eversdijk HAJ, Vieli M, Ciobanu-Caraus O, Raco A, Miscusi M, Perna A, Proietti L, Lofrese G, Dughiero M, Cultrera F, Nicassio N, An SB, Ha Y, Amelot A, Alcobendas I, Viñuela-Prieto JM, Gandía-González ML, Girod PP, Lener S, Kögl N, Abramovic A, Safa NA, Laux CJ, Farshad M, O'Riordan D, Loibl M, Mannion AF, Scerrati A, Molliqaj G, Tessitore E, Schröder ML, Vandertop WP, Stienen MN, 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. *Eur Spine J*. 2022 Oct;31(10):2629-2638. doi: 10.1007/s00586-022-07135-9. Epub 2022 Feb 21. PMID: 35188587.

66: Giammalva GR, Ferini G, Musso S, Salvaggio G, Pino MA, Gerardi RM, Brunasso L, Costanzo R, Paolini F, Di Bonaventura R, Umana GE, Graziano F, Palmisciano P, Scalia G, Tumbiolo S, Midiri M, Iacopino DG, Maugeri R. Intraoperative Ultrasound: Emerging Technology and Novel Applications in Brain Tumor Surgery. *Front Oncol*. 2022 Feb 1;12:818446. doi: 10.3389/fonc.2022.818446. PMID: 35178348; PMCID: PMC8844995.

67: Kroese TE, van Hillegersberg R, Schoppmann S, Deseyne PRAJ, Nafteux P, Obermannova R, Nordsmark M, Pfeiffer P, Hawkins MA, Smyth E, Markar S, Hanna GB, Cheong E, Chaudry A, Elme A, Adenis A, Piessen G, Gani C, Bruns CJ, Moehler M, Liakakos T, Reynolds J, Morganti A, Rosati R, Castoro C, D'Ugo D, Roviello F, Bencivenga M, de Manzoni G, Jeene P, van Sandick JW, Muijs C, Slingerland M, Nieuwenhuijzen G, Wijnhoven B, Beerepoot LV, Kolodziejczyk P, Polkowski WP, Alsina

M, Pera M, Kanonnikoff TF, Nilsson M, Guckenberger M, Monig S, Wagner D, Wyrwicz L, Berbee M, Gockel I, Lordick F, Griffiths EA, Verheij M, van Rossum PSN, van Laarhoven HWM; OMEC working group. Definitions and treatment of oligometastatic oesophagogastric cancer according to multidisciplinary tumour boards in Europe. *Eur J Cancer*. 2022 Mar;164:18-29. doi: 10.1016/j.ejca.2021.11.032. Epub 2022 Feb 5. PMID: 35134666.

68: Giammalva GR, Costanzo R, Paolini F, Benigno UE, Porzio M, Brunasso L, Basile L, Gulì C, Pino MA, Gerardi RM, Messina D, Umana GE, Palmisciano P, Scalia G, Graziano F, Visocchi M, Iacopino DG, Maugeri R. Management of Spinal Bone Metastases With Radiofrequency Ablation, Vertebral Reinforcement and Transpedicular Fixation: A Retrospective Single-Center Case Series. *Front Oncol*. 2022 Jan 21;11:818760. doi: 10.3389/fonc.2021.818760. PMID: 35127531; PMCID: PMC8814334.

69: Menna G, Manini I, Cesselli D, Skrap M, Olivi A, Ius T, Della Pepa GM. Immunoregulatory effects of glioma-associated stem cells on the glioblastoma peritumoral microenvironment: a differential PD-L1 expression from core to periphery? *Neurosurg Focus*. 2022 Feb;52(2):E4. doi: 10.3171/2021.11.FOCUS21589. PMID: 35104793.

70: Mancini A, Arosio M, Kreitschmann-Andermahr I, Persani L. Editorial: New Insights and Controversies in Diagnosis and Treatment of Adult Growth Hormone Deficiency. *Front Endocrinol (Lausanne)*. 2022 Jan 10;12:819527. doi: 10.3389/fendo.2021.819527. PMID: 35082761; PMCID: PMC8785338.

71: Siller S, Skrap B, Grabein B, Trabold R, Zausinger S, Tonn JC. Routine intraoperative microbiological smear testing in patients with reoperation after elective degenerative non-instrumented spine surgery-useful or negligible adjunct. *Acta Neurochir (Wien)*. 2022 Mar;164(3):891-901. doi: 10.1007/s00701-022-05132-x. Epub 2022 Jan 26. PMID: 35080653.

72: La Rocca G, Mazzucchi E, Pignotti F, Galieri G, Rinaldi P, Sabatino G. Advanced Dissection Lab for Neuroanatomy Training. *Front Neuroanat*. 2022 Jan 5;15:778122. doi: 10.3389/fnana.2021.778122. PMID: 35069130; PMCID: PMC8769374.

73: Astrea G, Morrow JM, Manzur A, Gunny R, Battini R, Mercuri E, Reilly MM, Muntoni F, Yousry TA. Muscle "islands": An MRI signature distinguishing neurogenic from myopathic causes of early onset distal weakness. *Neuromuscul Disord*. 2022 Feb;32(2):142-149. doi: 10.1016/j.nmd.2021.11.003. Epub 2021 Nov 18. PMID: 35033413.

74: Scerrati A, Trevisi G, Sturiale CL, 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. *J Integr Neurosci*. 2021 Dec 30;20(4):919-931. doi: 10.31083/j.jin2004093. PMID: 34997715.

75: Deodato F, Pezzulla D, Cilla S, Ferro M, Romano C, Bonome P, Buwenge M, Zamagni A, Strigari L, Valentini V, Morganti AG, Macchia G. Stereotactic radiosurgery for bone metastases in oligometastatic prostate cancer patients: DESTROY-2 clinical trial subanalysis. *Clin Transl Oncol*. 2022 Jun;24(6):1177-1183. doi: 10.1007/s12094-021-02764-w. Epub 2022 Jan 4. PMID: 34984604.

76: Minniti G, Lanzetta G, Capone L, Giraffa M, Russo I, Cicone F, Bozzao A, Alongi F, Nicosia L, Fineschi G, Marchetti L, Tufo T, Bianciardi F, Esposito V, Gentile P, Paolini S. Leptomeningeal disease and brain control after postoperative stereotactic radiosurgery with or without immunotherapy for resected brain metastases. *J Immunother Cancer*. 2021 Dec;9(12):e003730. doi: 10.1136/jitc-2021-003730. PMID: 34949695; PMCID: PMC8705219.

- 77: Mercuri E, Deconinck N, Mazzone ES, Nascimento A, Oskoui M, Saito K, Vuillerot C, Baranello G, Boespflug-Tanguy O, Goemans N, Kirschner J, Kostera-Pruszyk A, Servais L, Gerber M, Gorni K, Khwaja O, Kletzl H, Scalco RS, Staunton H, Yeung WY, Martin C, Fontoura P, Day JW; SUNFISH Study Group. Safety and efficacy of once-daily risdiplam in type 2 and non-ambulant type 3 spinal muscular atrophy (SUNFISH part 2): a phase 3, double-blind, randomised, placebo- controlled trial. *Lancet Neurol.* 2022 Jan;21(1):42-52. doi: 10.1016/S1474-4422(21)00367-7. Erratum in: *Lancet Neurol.* 2022 Feb;21(2):e2. Erratum in: *Lancet Neurol.* 2022 Mar;21(3):e3. Erratum in: *Lancet Neurol.* 2022 May;21(5):e5. PMID: 34942136.
- 78: Umana GE, Visocchi M, Roca E, Passanisi M, Fricia M, Tranchina MG, Tomasi SO, Nicoletti GF, Cicero S, Scalia G. Thoracic Spinal Angiolipomas: A Systematic Review. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Mar;83(2):161-172. doi: 10.1055/s-0041-1739217. Epub 2021 Dec 20. PMID: 34929751.
- 79: Lele AV, Wahlster S, Alunpipachathai B, Awraris Gebrewold M, Chou SH, Crabtree G, English S, Der-Nigoghossian C, Gagnon DJ, Kim-Tenser M, Karanjia N, Kirkman MA, Lamperti M, Livesay SL, Mejia-Mantilla J, Melmed K, Prabhakar H, Tumino L, Venkatasubba Rao CP, Udy AA, Videtta W, Moheet AM; NCC-COVID Study Collaborators. Perceptions Regarding the SARS-CoV-2 Pandemic's Impact on Neurocritical Care Delivery: Results From a Global Survey. *J Neurosurg Anesthesiol.* 2022 Apr 1;34(2):209-220. doi: 10.1097/ANA.0000000000000825. PMID: 34882104; PMCID: PMC8900891.
- 80: Piras A, Boldrini L, Menna S, Sanfratello A, D'Aviero A, Guarini A, Toscano A, Gebbia V, Angileri T, Daidone A. Radiofrequency Thermoablation and Hypofractionated Radiotherapy Combined Treatment for Bone Metastases: A Retrospective Study. *Oncol Res Treat.* 2022;45(3):88-93. doi: 10.1159/000520503. Epub 2021 Dec 8. PMID: 34879380.
- 81: Clayton SA, Daley KK, MacDonald L, Fernandez-Vizarra E, Bottegoni G, O'Neil JD, Major T, Griffin D, Zhuang Q, Adewoye AB, Woolcock K, Jones SW, Goodyear C, Elmesmari A, Filer A, Tennant DA, Alivernini S, Buckley CD, Pitceathly RDS, Kurowska-Stolarska M, Clark AR. Inflammation causes remodeling of mitochondrial cytochrome *c* oxidase mediated by the bifunctional gene *C15orf48*. *Sci Adv.* 2021 Dec 10;7(50):eabl5182. doi: 10.1126/sciadv.abl5182. Epub 2021 Dec 8. PMID: 34878835; PMCID: PMC8654286.
- 82: Stumpo V, Staartjes VE, Esposito G, Serra C, Regli L, Olivi A, Sturiale CL. Machine Learning and Intracranial Aneurysms: From Detection to Outcome Prediction. *Acta Neurochir Suppl.* 2022;134:319-331. doi: 10.1007/978-3-030-85292-4_36. PMID: 34862556.
- 83: Ricciardi L, Piazza A, Capobianco M, Della Pepa GM, Miscusi M, Raco A, Scerrati A, Somma T, Lofrese G, Sturiale CL. Lumbar interbody fusion using oblique (OLIF) and lateral (LLIF) approaches for degenerative spine disorders: a meta-analysis of the comparative studies. *Eur J Orthop Surg Traumatol.* 2021 Nov 26. doi: 10.1007/s00590-021-03172-0. Epub ahead of print. PMID: 34825987.
- 84: Ciaramitaro P, Massimi L, Bertuccio A, Solari A, Farinotti M, Peretta P, Saletti V, Chiapparini L, Barbanera A, Garbossa D, Bolognese P, Brodbelt A, Celada C, Cocito D, Curone M, Devigili G, Erbetta A, Ferraris M, Furlanetto M, Gilanton M, Jallo G, Karadjova M, Klekamp J, Massaro F, Morar S, Parker F, Perrini P, Poca MA, Sahuquillo J, Stoodley M, Talamonti G, Triulzi F, Valentini MC, Visocchi M, Valentini L; International Experts Jury of the Chiari Syringomyelia Consensus Conference, Milan, November 11-13, 2019. Correction to: Diagnosis and treatment of Chiari Malformation and syringomyelia in adults: International Consensus Document. *Neurol Sci.* 2022 Feb;43(2):1483-1484. doi: 10.1007/s10072-021-05724-y. Erratum for: *Neurol Sci.* 2022 Feb;43(2):1327-1342. PMID: 34786631.
- 85: Zoli M, Della Pepa GM, Carretta A, Bongetta D, Somma T, Zoia C, Raffa G. Adjuvant radiotherapy

in grossly total resected grade II atypical meningiomas: a protective effect on recurrence? *J Neurosurg Sci.* 2022 Jun;66(3):240-250. doi: 10.23736/S0390-5616.21.05522-3. Epub 2021 Nov 11. PMID: 34763391.

86: Nicosia L, Franceschini D, Perrone-Congedi F, Casamassima F, Gerardi MA, Rigo M, Mazzola R, Perna M, Scotti V, Fodor A, Iurato A, Pasqualetti F, Gadducci G, Chiesa S, Niespolo RM, Bruni A, Alicino G, Frassinelli L, Borghetti P, Di Marzo A, Ravasio A, De Bari B, Sepulcri M, Aiello D, Mortellaro G, Sangalli C, Franceschini M, Montesi G, Aquilanti FM, Lunardi G, Valdagni R, Fazio I, Scarzello G, Corti L, Vavassori V, Maranzano E, Magrini SM, Arcangeli S, Gambacorta MA, Valentini V, Paiar F, Ramella S, Di Muzio NG, Livi L, Jerezek- Fossa BA, Osti MF, Scorsetti M, Alongi F. A multicenter Large retrospective daTabase on the personalization of stereotactic ABlative radiotherapy use in lung metastases from colon-rectal cancer: The LaIT-SABR study. *Radiother Oncol.* 2022 Jan;166:92-99. doi: 10.1016/j.radonc.2021.10.023. Epub 2021 Nov 5. PMID: 34748855.

87: Kemps PG, Picarsic J, Durham BH, Hélias-Rodzewicz Z, Hiemcke-Jiwa L, van den Bos C, van de Wetering MD, van Noesel CJM, van Laar JAM, Verdijk RM, Flucke UE, Hogendoorn PCW, Woei-A-Jin FJSH, Sciôt R, Beilken A, Feuerhake F, Ebinger M, Möhle R, Fend F, Bornemann A, Wiegering V, Ernestus K, Méry T, Gryniiewicz- Kwiatkowska O, Dembowska-Baginska B, Evseev DA, Potapenko V, Baykov VV, Gaspari S, Rossi S, Gessi M, Tamburrini G, Héritier S, Donadieu J, Bonneau-Lagacherie J, Lamaison C, Farnault L, Fraïtag S, Jullié ML, Haroche J, Collin M, Allotey J, Madni M, Turner K, Picton S, Barbaro PM, Poulin A, Tam IS, El Demellawy D, Empringham B, Whitlock JA, Raghunathan A, Swanson AA, Suchi M, Brandt JM, Yaseen NR, Weinstein JL, Eldem I, Sisk BA, Sridhar V, Atkinson M, Massoth LR, Hornick JL, Alexandrescu S, Yeo KK, Petrova-Drus K, Peeke SZ, Muñoz-Arcos LS, Leino DG, Grier DD, Lorschebach R, Roy S, Kumar AR, Garg S, Tiwari N, Schafernak KT, Henry MM, van Halteren AGS, Abula O, Diamond EL, Emile JF. ALK-positive histiocytosis: a new clinicopathologic spectrum highlighting neurologic involvement and responses to ALK inhibition. *Blood.* 2022 Jan 13;139(2):256-280. doi: 10.1182/blood.2021013338. PMID: 34727172; PMCID: PMC8759533.

88: Sergi B, Balducci M, Paludetti G, Olivi A, Picciotti PM, De Corso E, Passali GC, Fetoni AR, Lucidi D. Decision Making on Vestibular Schwannoma: Lessons from a Multidisciplinary Board. *World Neurosurg.* 2022 Jan;157:e506-e513. doi: 10.1016/j.wneu.2021.10.140. Epub 2021 Oct 26. PMID: 34710576.

89: Mazzucchi E, Vollono C, Pauletto G, Lettieri C, Budai R, Gigli GL, Sabatino G, La Rocca G, Skrap M, Ius T. The persistence of seizures after tumor resection negatively affects survival in low-grade glioma patients: a clinical retrospective study. *J Neurol.* 2022 May;269(5):2627-2633. doi: 10.1007/s00415-021-10845-7. Epub 2021 Oct 25. PMID: 34693462.

90: Pezzulla D, Macchia G, Cilla S, Buwenge M, Ferro M, Bonome P, Romano C, Zamagni A, Valentini V, Morganti AG, Deodato F. Stereotactic body radiotherapy to lymph nodes in oligoprogressive castration-resistant prostate cancer patients: a post hoc analysis from two phase I clinical trials. *Clin Exp Metastasis.* 2021 Dec;38(6):519-526. doi: 10.1007/s10585-021-10126-7. Epub 2021 Oct 15. PMID: 34651242.

91: Massimino M, Barretta F, Modena P, Johann P, Ferroli P, Antonelli M, Gandola L, Garrè ML, Bertin D, Mastronuzzi A, Mascarin M, Quaglietta L, Viscardi E, Sardi I, Ruggiero A, Boschetti L, Giagnacovo M, Biassoni V, Schiavello E, Chiapparini L, Erbetta A, Mussano A, Giussani C, Mura RM, Barra S, Scarzello G, Scimone G, Carai A, Giangaspero F, Buttarelli FR. Treatment and outcome of intracranial ependymoma after first relapse in the 2nd AIEOP protocol. *Neuro Oncol.* 2022 Mar 12;24(3):467-479. doi: 10.1093/neuonc/noab230. PMID: 34605902; PMCID: PMC8917409.

92: Sánchez van Kammen M, Aguiar de Sousa D, Poli S, Cordonnier C, Heldner MR, van de Munckhof A, Krzywicka K, van Haaps T, Ciccone A, Middeldorp S, Levi MM, Kremer Hovinga JA, Silvis S, Hiltunen

S, Mansour M, Arauz A, Barboza MA, Field TS, Tsvigoulis G, Nagel S, Lindgren E, Tatlisumak T, Jood K, Putaala J, Ferro JM, Arnold M, Coutinho JM; Cerebral Venous Sinus Thrombosis With Thrombocytopenia Syndrome Study Group, Sharma AR, Elkady A, Negro A, Günther A, Gutschalk A, Schönenberger S, Buture A, Murphy S, Paiva Nunes A, Tiede A, Puthuppallil Philip A, Mengel A, Medina A, Hellström Vogel Å, Tawa A, Aujayeb A, Casolla B, Buck B, Zanferrari C, Garcia-Esperon C, Vayne C, Legault C, Pfrepper C, Tracol C, Soriano C, Guisado-Alonso D, Bougon D, Zimatore DS, Michalski D, Blacquiére D, Johansson E, Cuadrado-Godia E, De Maistre E, Carrera E, Vuillier F, Bonneville F, Giammello F, Bode FJ, Zimmerman J, d'Onofrio F, Grillo F, Cotton F, Caparros F, Puy L, Maier F, Gulli G, Frisullo G, Polkinghorne G, Franchineau G, Cangür H, Katzberg H, Sibon I, Baharoglu I, Brar J, Payen JF, Burrow J, Fernandes J, Schouten J, Althaus K, Garambois K, Derex L, Humbertjean L, Lebrato Hernandez L, Kellermair L, Morin Martin M, Petruzzellis M, Cotelli M, Dubois MC, Carvalho M, Wittstock M, Miranda M, Skjelland M, Bandettini di Poggio M, Scholz MJ, Raposo N, Kahnis R, Kruyt N, Huet O, Sharma P, Candelaresi P, Reiner P, Vieira R, Acampora R, Kern R, Leker R, Coutts S, Bal S, Sharma SS, Susen S, Cox T, Geeraerts T, Gattringer T, Bartsch T, Kleinig TJ, Dizonno V, Arslan Y. Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccine-Induced Immune Thrombotic Thrombocytopenia. *JAMA Neurol.* 2021 Nov 1;78(11):1314-1323. doi: 10.1001/jamaneurol.2021.3619. PMID: 34581763; PMCID: PMC8479648.

93: Slevin F, Aitken K, Alongi F, Arcangeli S, Chadwick E, Chang AR, Cheung P, Crane C, Guckenberger M, Jerezek-Fossa BA, Kamran SC, Kinj R, Loi M, Mahadevan A, Massacesi M, Mendez LC, Muirhead R, Pasquier D, Pontoriero A, Spratt DE, Tsang YM, Zelefsky MJ, Lilley J, Dickinson P, Hawkins MA, Henry AM, Murray LJ. An international Delphi consensus for pelvic stereotactic ablative radiotherapy re-irradiation. *Radiother Oncol.* 2021 Nov;164:104-114. doi: 10.1016/j.radonc.2021.09.010. Epub 2021 Sep 21. PMID: 34560186.

94: Tariciotti L, Palmisciano P, Giordano M, Remoli G, Lacorte E, Bertani G, Locatelli M, Dimeco F, Caccavella VM, Prada F. Artificial intelligence-enhanced intraoperative neurosurgical workflow: current knowledge and future perspectives. *J Neurosurg Sci.* 2022 Apr;66(2):139-150. doi: 10.23736/S0390-5616.21.05483-7. Epub 2021 Sep 21. PMID: 34545735.

95: Goranci-Buzhala G, Mariappan A, Ricci-Vitiani L, Josipovic N, Pacioni S, Gottardo M, Ptok J, Schaal H, Callaini G, Rajalingam K, Dynlacht B, Hadian K, Papantonis A, Pallini R, Gopalakrishnan J. Cilium induction triggers differentiation of glioma stem cells. *Cell Rep.* 2021 Sep 7;36(10):109656. doi: 10.1016/j.celrep.2021.109656. PMID: 34496239.

96: Della Pepa GM, Caccavella VM, Menna G, Ius T, Auricchio AM, Sabatino G, La Rocca G, Chiesa S, Gaudino S, Marchese E, Olivi A. Machine Learning-Based Prediction of Early Recurrence in Glioblastoma Patients: A Glance Towards Precision Medicine. *Neurosurgery.* 2021 Oct 13;89(5):873-883. doi: 10.1093/neuros/nyab320. PMID: 34459917.

97: Johnson JO, Chia R, Miller DE, Li R, Kumaran R, Abramzon Y, Alahmady N, Renton AE, Topp SD, Gibbs JR, Cookson MR, Sabir MS, Dalgard CL, Troakes C, Jones AR, Shatunov A, Iacoangeli A, Al Khleifat A, Ticozzi N, Silani V, Gellera C, Blair IP, Dobson-Stone C, Kwok JB, Bonkowski ES, Palvadeau R, Tienari PJ, Morrison KE, Shaw PJ, Al-Chalabi A, Brown RH Jr, Calvo A, Mora G, Al-Saif H, Gotkine M, Leigh F, Chang IJ, Perlman SJ, Glass I, Scott AI, Shaw CE, Basak AN, Landers JE, Chiò A, Crawford TO, Smith BN, Traynor BJ; FALS Sequencing Consortium; American Genome Center; International ALS Genomics Consortium; and ITALSGEN Consortium, Smith BN, Ticozzi N, Fallini C, Gkazi AS, Topp SD, Scotter EL, Kenna KP, Keagle P, Tiloca C, Vance C, Troakes C, Colombrita C, King A, Pensato V, Castellotti B, Baas F, Ten Asbroek ALMA, McKenna-Yasek D, McLaughlin RL, Polak M, Asress S, Esteban-Pérez J, Stevic Z, D'Alfonso S, Mazzini L, Comi GP, Del Bo R, Ceroni M, Gagliardi S, Querin G, Bertolin C, van Rheenen W, Rademakers R, van Blitterswijk M, Lauria G, Duga S, Corti S, Cereda C, Corrado L, Sorarù G, Williams KL, Nicholson GA, Blair IP, Leblond-Manry C, Rouleau GA, Hardiman O,

Morrison KE, Veldink JH, van den Berg LH, Al-Chalabi A, Pall H, Shaw PJ, Turner MR, Talbot K, Taroni F, García-Redondo A, Wu Z, Glass JD, Gellera C, Ratti A, Brown RH Jr, Silani V, Shaw CE, Landers JE, Dalgard CL, Adeleye A, Soltis AR, Alba C, Viollet C, Bacikova D, Hupalo DN, Sukumar G, Pollard HB, Wilkerson MD, Martinez EM, Abramzon Y, Ahmed S, Arepalli S, Baloh RH, Bowser R, Brady CB, Brice A, Broach J, Campbell RH, Camu W, Chia R, Cooper-Knock J, Ding J, Drepper C, Drory VE, Dunckley TL, Eicher JD, England BK, Faghri F, Feldman E, Floeter MK, Fratta P, Geiger JT, Gerhard G, Gibbs JR, Gibson SB, Glass JD, Hardy J, Harms MB, Heiman-Patterson TD, Hernandez DG, Jansson L, Kirby J, Kowall NW, Laaksovirta H, Landeck N, Landi F, Le Ber I, Lumbroso S, MacGowan DJL, Maragakis NJ, Mora G, Mouzat K, Murphy NA, Myllykangas L, Nalls MA, Orrell RW, Ostrow LW, Pamphlett R, Pickering-Brown S, Pioro EP, Pletnikova O, Pliner HA, Pulst SM, Ravits JM, Renton AE, Rivera A, Robberecht W, Rogaeva E, Rollinson S, Rothstein JD, Scholz SW, Sendtner M, Shaw PJ, Sidle KC, Simmons Z, Singleton AB, Smith N, Stone DJ, Tienari PJ, Troncoso JC, Valori M, Van Damme P, Van Deerlin VM, Van Den Bosch L, Zinman L, Landers JE, Chiò A, Traynor BJ, Angelocola SM, Ausiello FP, Barberis M, Bartolomei I, Battistini S, Bersano E, Bisogni G, Borghero G, Brunetti M, Cabona C, Calvo A, Canale F, Canosa A, Cantisani TA, Capasso M, Caponnetto C, Cardinali P, Carrera P, Casale F, Chiò A, Colletti T, Conforti FL, Conte A, Conti E, Corbo M, Cuccu S, Dalla Bella E, D'Errico E, DeMarco G, Dubbioso R, Ferrarese C, Ferraro PM, Filippi M, Fini N, Floris G, Fuda G, Gallone S, Gianferrari G, Giannini F, Grassano M, Greco L, Iazzolino B, Introna A, La Bella V, Lattante S, Lauria G, Liguori R, Logroscino G, Logullo FO, Lunetta C, Mandich P, Mandrioli J, Manera U, Manganelli F, Marangi G, Marinou K, Marrosu MG, Martinelli I, Messina S, Moglia C, Mora G, Mosca L, Murru MR, Origone P, Passaniti C, Petrelli C, Petrucci A, Pozzi S, Pugliatti M, Quattrini A, Ricci C, Riolo G, Riva N, Russo M, Sabatelli M, Salamone P, Salivetto M, Salvi F, Santarelli M, Sbaiz L, Sideri R, Simone I, Simonini C, Spataro R, Tanel R, Tedeschi G, Ticca A, Torriello A, Tranquilli S, Tremolizzo L, Trojsi F, Vasta R, Vacchiano V, Vita G, Volanti P, Zollino M, Zucchi E. Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. *JAMA Neurol.* 2021 Oct 1;78(10):1236-1248. doi: 10.1001/jamaneurol.2021.2598. PMID: 34459874; PMCID: PMC8406220.

98: Santoni G, Nabissi M, Amantini C, Santoni M, Ricci-Vitiani L, Pallini R, Maggi F, Morelli MB. ERK Phosphorylation Regulates the Aml1/Runx1 Splice Variants and the TRP Channels Expression during the Differentiation of Glioma Stem Cell Lines. *Cells.* 2021 Aug 10;10(8):2052. doi: 10.3390/cells10082052. PMID: 34440820; PMCID: PMC8391729.

99: Auricchio AM, Mazzucchi E, Rapisarda A, Sabatino G, Della Pepa GM, Visconti G, Salgarello M, Olivi A, La Rocca G. Chimeric Anterolateral Thigh Flap in Skull Base Reconstruction: A Case-Based Update and Literature Review. *Brain Sci.* 2021 Aug 17;11(8):1076. doi: 10.3390/brainsci11081076. PMID: 34439694; PMCID: PMC8393429.

100: Insola A, Mazzone P, Della Marca G, Capozzo A, Vitale F, Scarnati E. Pedunculo-pontine tegmental Nucleus-evoked prepulse inhibition of the blink reflex in Parkinson's disease. *Clin Neurophysiol.* 2021 Oct;132(10):2729-2738. doi: 10.1016/j.clinph.2021.06.028. Epub 2021 Aug 5. PMID: 34417108.

101: Coltin H, Sundaresan L, Smith KS, Skowron P, Massimi L, Eberhart CG, Schreck KC, Gupta N, Weiss WA, Tirapelli D, Carlotti C, Li KKW, Ryzhova M, Golanov A, Zheludkova O, Absalyamova O, Okonechnikov K, Stichel D, von Deimling A, Giannini C, Raskin S, Van Meir EG, Chan JA, Fults D, Chambless LB, Kim SK, Vasiljevic A, Faure-Conter C, Vibhakkar R, Jung S, Leary S, Mora J, McLendon RE, Pollack IF, Hauser P, Grajkowska WA, Rubin JB, van Veelen MC, French PJ, Kros JM, Liau LM, Pfister SM, Kool M, Kijima N, Taylor MD, Packer RJ, Northcott PA, Korshunov A, Ramaswamy V. Subgroup and subtype-specific outcomes in adult medulloblastoma. *Acta Neuropathol.* 2021 Nov;142(5):859-871. doi: 10.1007/s00401-021-02358-4. Epub 2021 Aug 18. PMID: 34409497.

102: Mattogno PP, Guerrini F, Nicolosi F, Panciani P, Olivi A, Fontanella M, Spena G. Minimally Invasive Subfrontal Approach: How to Make it Safe and Effective from the Olfactory Groove to the Mesial

Temporal Lobe. *J Neurol Surg A Cent Eur Neurosurg*. 2021 Nov;82(6):585-593. doi: 10.1055/s-0040-1722697. Epub 2021 Aug 12. PMID: 34384130.

103: Chidambaram S, Stifano V, Demetres M, Teyssandier M, Palumbo MC, Redaelli A, Olivi A, Apuzzo MLJ, Pannullo SC. Applications of augmented reality in the neurosurgical operating room: A systematic review of the literature. *J Clin Neurosci*. 2021 Sep;91:43-61. doi: 10.1016/j.jocn.2021.06.032. Epub 2021 Jun 30. PMID: 34373059.

104: Sturiale CL, Stumpo V, Latour K, Stifano V. Merging prospective and retrospective validation studies for intracranial aneurysms risk scores: reflections in the water. *J Neurosurg Sci*. 2022 Apr;66(2):166-168. doi: 10.23736/S0390-5616.21.05481-3. Epub 2021 Aug 3. PMID: 34342206.

105: Ricciardi L, Mongardi L, Dones F. Indications and Safety of the Zygomatic Osteotomy in Middle Cranial Fossa Surgery: A Retrospective Cohort Review. *J Neurol Surg B Skull Base*. 2021 Jul;82(Suppl 3):e203-e204. doi: 10.1055/s-0040-1705166. Epub 2020 Mar 9. PMID: 34306938; PMCID: PMC8289515.

106: Renieri L, Valente I, Dmytriw AA, Puri AS, Singh J, Nappini S, Nencini P, Kaliaev A, Abdalkader M, Alexandre A, Garignano G, Vivekanandan S, Fong RP, Parra-Fariñas C, Spears J, Gomez-Paz S, Ogilvy C, Regenhardt RW, Alotaibi N, Beer-Furlan A, Joshi KC, Walker M, Vicenty-Padilla J, Darcourt J, Foreman P, Kuhn AL, Nguyen TN, Griessenauer CJ, Marotta TR, Thomas A, Patel AB, Leslie- Mazwi TM, Chen M, Levitt MR, Chen K, Cognard C, Pedicelli A, Limbucci N. Mechanical thrombectomy beyond the circle of Willis: efficacy and safety of different techniques for M2 occlusions. *J Neurointerv Surg*. 2022 Jun;14(6):546-550. doi: 10.1136/neurintsurg-2021-017425. Epub 2021 Jul 5. PMID: 34226193.

107: Buccoliero AM, Caporalini C, Scagnet M, Mussa F, Giordano F, Sardi I, Migliastro I, Moscardi S, Conti V, Barba C, Antonelli M, Gianno F, Rossi S, Diomedi-Camassei F, Gessi M, Donofrio V, Bertero L, Giangaspero F, Santi M, Aronica E, Genitori L, Guerrini R. Corrigendum to 'Angiocentric glioma-associated seizures: The possible role of EAT2, pyruvate carboxylase and glutamine synthetase [Seizure: European Journal of Epilepsy 86 (2021) 152-154]. *Seizure*. 2021 Oct;91:520. doi: 10.1016/j.seizure.2021.06.016. Epub 2021 Jul 2. Erratum for: *Seizure*. 2021 Mar;86:152-154. PMID: 34226122.

108: Palmieri G, Cofano F, Salvati LF, Monticelli M, Zeppa P, Perna GD, Melcarne A, Altieri R, La Rocca G, Sabatino G, Barbagallo GM, Tartara F, Zenga F, Garbossa D. Fluorescence-Guided Surgery for High-Grade Gliomas: State of the Art and New Perspectives. *Technol Cancer Res Treat*. 2021 Jan-Dec;20:15330338211021605. doi: 10.1177/15330338211021605. PMID: 34212784; PMCID: PMC8255554.

109: De Liso P, Pironi V, Mastrangelo M, Battaglia D, Craiu D, Trivisano M, Specchio N, Nabbout R, Vigevano F. Reply to Dravet, C. Different Outcomes of Acute Encephalopathy after Status Epilepticus in Patients with Dravet Syndrome. How to Avoid Them? Comment on "De Liso et al. Fatal Status Epilepticus in Dravet Syndrome. *Brain Sci*. 2020, 10, 889". *Brain Sci*. 2021 Jun 18;11(6):811. doi: 10.3390/brainsci11060811. PMID: 34207311; PMCID: PMC8234181.

110: Umana GE, Scalia G, Yagmurlu K, Mineo R, Di Bella S, Giunta M, Spitaleri A, Maugeri R, Graziano F, Fricia M, Nicoletti GF, Tomasi SO, Raudino G, Chaurasia B, Bellocchi G, Salvati M, Iacopino DG, Cicero S, Visocchi M, Strigari L. Multimodal Simulation of a Novel Device for a Safe and Effective External Ventricular Drain Placement. *Front Neurosci*. 2021 Jun 14;15:690705. doi: 10.3389/fnins.2021.690705. PMID: 34194297; PMCID: PMC8236630.

111: Umana GE, Teli M, Chaurasia B, Passanisi M, Longo G, Spitaleri A, Fricia M, Tomasi SO, Ponzo G,

Nicoletti GF, Cicero S, Visocchi M, Scalia G. Roy-Camille Type 3 suicidal jumper's fractures: Case series and review of the literature. *J Craniovertebr Junction Spine*. 2021 Apr-Jun;12(2):149-156. doi: 10.4103/jcvjs.jcvjs_185_20. Epub 2021 Jun 10. PMID: 34194161; PMCID: PMC8214236.

112: Leonardi L, Galosi E, Vanoli F, Fasolino A, Di Pietro G, Luigetti M, Sabatelli M, Fionda L, Garibaldi M, Alfieri G, Lauletta A, Morino S, Salvetti M, Truini A, Antonini G. Skin biopsy and quantitative sensory assessment in an Italian cohort of ATTRv patients with polyneuropathy and asymptomatic carriers: possible evidence of early non-length dependent denervation. *Neurol Sci*. 2022 Feb;43(2):1359-1364. doi: 10.1007/s10072-021-05434-5. Epub 2021 Jun 29. PMID: 34189665.

113: Iaccarino C, Lippa L, Munari M, Castioni CA, Robba C, Caricato A, Pompucci A, Signoretti S, Zona G, Rasulo FA; Traumatic Brain Injury Section of the Italian Society of Neurosurgery (SINch) and the Neuroanesthesia and Neurocritical Care Study Group of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive Care (SIAARTI). Management of intracranial hypertension following traumatic brain injury: a best clinical practice adoption proposal for intracranial pressure monitoring and decompressive craniectomy. Joint statements by the Traumatic Brain Injury Section of the Italian Society of Neurosurgery (SINch) and the Neuroanesthesia and Neurocritical Care Study Group of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive Care (SIAARTI). *J Neurosurg Sci*. 2021 Jun;65(3):219-238. doi: 10.23736/S0390-5616.21.05383-2. PMID: 34184860.

114: La Rocca G, Auricchio AM, Mazzucchi E, Ius T, Della Pepa GM, Altieri R, Pignotti F, Gessi M, De Santis V, Zoia C, Sabatino G. Intracranial dural based marginal zone MALT-type B-cell lymphoma: a case - Based update and literature review. *Br J Neurosurg*. 2021 Jun 26:1-7. doi: 10.1080/02688697.2021.1941760. Epub ahead of print. PMID: 34180316.

115: Hatlestad-Hall C, Bruña R, Erichsen A, Andersson V, Syvertsen MR, Skogan AH, Renvall H, Marra C, Maestú F, Heuser K, Taubøll E, Solbakk AK, Haraldsen IH. The organization of functional neurocognitive networks in focal epilepsy correlates with domain-specific cognitive performance. *J Neurosci Res*. 2021 Oct;99(10):2669-2687. doi: 10.1002/jnr.24896. Epub 2021 Jun 25. PMID: 34173259.

116: Macchia G, Jereczek-Fossa BA, Lazzari R, Cerrotta A, Deodato F, Ippolito E, Aristei C, Gambacorta MA, Scambia G, Valentini V, Ferrandina G. Efficacy and safety of stereotactic body radiotherapy (SBRT) in oligometastatic/persistent/recurrent ovarian cancer: a prospective, multicenter phase II study (MITO-RT3/RAD). *Int J Gynecol Cancer*. 2022 Jul 4;32(7):939-943. doi: 10.1136/ijgc-2021-002709. PMID: 34155084.

117: Ciaramitaro P, Massimi L, Bertuccio A, Solari A, Farinotti M, Peretta P, Saletti V, Chiapparini L, Barbanera A, Garbossa D, Bolognese P, Brodbelt A, Celada C, Cocito D, Curone M, Devigili G, Erbetta A, Ferraris M, Furlanetto M, Gilanton M, Jallo G, Karadjova M, Klekamp J, Massaro F, Morar S, Parker F, Perrini P, Poca MA, Sahuquillo J, Stoodley M, Talamonti G, Triulzi F, Valentini MC, Visocchi M, Valentini L; International Experts Jury of the Chiari Syringomyelia Consensus Conference, Milan, November 11-13, 2019. Diagnosis and treatment of Chiari malformation and syringomyelia in adults: international consensus document. *Neurol Sci*. 2022 Feb;43(2):1327-1342. doi: 10.1007/s10072-021-05347-3. Epub 2021 Jun 15. Erratum in: *Neurol Sci*. 2021 Nov 17;; PMID: 34129128.

118: Massimi L, Peretta P, Erbetta A, Solari A, Farinotti M, Ciaramitaro P, Saletti V, Caldarelli M, Canheu AC, Celada C, Chiapparini L, Chieffo D, Cinalli G, Di Rocco F, Furlanetto M, Giordano F, Jallo G, James S, Lanteri P, Lemarchand C, Messing-Jünger M, Parazzini C, Paternoster G, Piatelli G, Poca MA, Prabakar P, Ricci F, Righini A, Sala F, Sahuquillo J, Stoodley M, Talamonti G, Thompson D, Triulzi F, Zucchelli M, Valentini L; International Experts - Jury of the Chiari & Syringomyelia Consensus

Conference, "Milan, November 11–13, 2019". Diagnosis and treatment of Chiari malformation type 1 in children: the International Consensus Document. *Neurol Sci.* 2022 Feb;43(2):1311-1326. doi: 10.1007/s10072-021-05317-9. Epub 2021 Jun 7. PMID: 34097175; PMCID: PMC8789635.

119: Bove F, Mulas D, Cavallieri F, Castrioto A, Chabardès S, Meoni S, Schmitt E, Bichon A, Di Stasio E, Kistner A, Pélissier P, Chevrier E, Seigneuret E, Krack P, Fraix V, Moro E. Long-term Outcomes (15 Years) After Subthalamic Nucleus Deep Brain Stimulation in Patients With Parkinson Disease. *Neurology.* 2021 Jun 2;10.1212/WNL.0000000000012246. doi: 10.1212/WNL.0000000000012246. Epub ahead of print. PMID: 34078713.

120: Visocchi M, Signorelli F, Parrilla C, Paludetti G, Rigante M. Multidisciplinary approach to the craniovertebral junction. Historical insights, current and future perspectives in the neurosurgical and otorhinolaryngological alliance. *Acta Otorhinolaryngol Ital.* 2021 Apr;41(Suppl. 1):S51-S58. doi: 10.14639/0392-100X-suppl.1-41-2021-05. PMID: 34060520; PMCID: PMC8172108.

121: Rossi S, Gessi M, Barresi S, Tamburrini G, Giovannoni I, Ruggiero A, Colafati GS, Frassanito P, Carboni A, Alexandre A, Cacchione A, Trombatore P, Dimedi-Camassei F, Gaspari S, Gianno F, Marras CE, Cecinati V, Carai A, Mastronuzzi A, Alaggio R. ALK-rearranged histiocytosis: Report of two cases with involvement of the central nervous system. *Neuropathol Appl Neurobiol.* 2021 Oct;47(6):878-881. doi: 10.1111/nan.12739. Epub 2021 Jun 18. PMID: 34048085.

122: Mattogno PP, Marciano F, Catalino MP, Mattavelli D, Cocca P, Lopomo NF, Nicolai P, Laws ER Jr, Witterick I, Raza SM, Devaiah AK, Lauretti L, Olivi A, Fontanella MM, Gentili F, Doglietto F. Ergonomics in Endoscopic Transsphenoidal Surgery: A Survey of the North American Skull Base Society. *J Neurol Surg B Skull Base.* 2021 May 17;83(Suppl 2):e380-e385. doi: 10.1055/s-0041-1729906. PMID: 35832944; PMCID: PMC9272277.

123: Ius T, Mazzucchi E, Tomasino B, Pauletto G, Sabatino G, Della Pepa GM, La Rocca G, Battistella C, Olivi A, Skrap M. Multimodal integrated approaches in low-grade glioma surgery. *Sci Rep.* 2021 May 11;11(1):9964. doi: 10.1038/s41598-021-87924-2. PMID: 33976246; PMCID: PMC8113473.

124: d'Ercole M, Innocenzi G, Ricciardi F, Bistazzoni S. Prognostic Value of Michigan State University (MSU) Classification for Lumbar Disc Herniation: Is It Suitable for Surgical Selection? *Int J Spine Surg.* 2021 Jun;15(3):466-470. doi: 10.14444/8068. Epub 2021 May 7. PMID: 33963037; PMCID: PMC8176838.

125: Ricciardi L, Della Pepa GM, Scerrati A, Sturiale CL. Should younger researchers pursue citations or innovations? *J Neurosurg Sci.* 2022 Feb;66(1):71. doi: 10.23736/S0390-5616.21.05357-1. Epub 2021 Apr 16. PMID: 33870674.

126: Visocchi M, Marino S, Ducoli G, Barbagallo GMV, Ciappetta P, Signorelli F. Hybrid implants in anterior cervical decompressive surgery for degenerative disease. *J Craniovertebr Junction Spine.* 2021 Jan-Mar;12(1):54-60. doi: 10.4103/jcvjs.JCVJS_184_20. Epub 2021 Mar 4. PMID: 33850382; PMCID: PMC8035582.

127: De Luca C, Picone S, Cassina M, Marziali S, Morlino S, Camerota L, Tamburrini G, Castori M, Paolillo P, Salvati L, Brancati F. Craniosynostosis is a feature of CHD7-related CHARGE syndrome. *Am J Med Genet A.* 2021 Jul;185(7):2160-2163. doi: 10.1002/ajmg.a.62208. Epub 2021 Apr 12. PMID: 33844462.

128: Visocchi M, Mattogno PP, Ciappetta P, Barbagallo G, Signorelli F. Combined transoral exoscope and OArm-assisted approach for craniovertebral junction surgery: Light and shadows in single-center experience with improving technologies. *J Craniovertebr Junction Spine.* 2020 Oct-Dec;11(4):293-299.

doi: 10.4103/jcvjs.JCVJS_176_20. Epub 2020 Nov 26. PMID: 33824559; PMCID: PMC8019117.

129: Piano C, Bove F, Mulas D, Di Stasio E, Fasano A, Bentivoglio AR, Daniele A, Cioni B, Calabresi P, Tufo T. Extradural Motor Cortex Stimulation in Parkinson's Disease: Long-Term Clinical Outcome. *Brain Sci.* 2021 Mar 26;11(4):416. doi: 10.3390/brainsci11040416. PMID: 33810277; PMCID: PMC8067040.

130: Corradini S, von Bestenbostel R, Romano A, Curta A, Di Gioia D, Placidi L, Niyazi M, Boldrini L. MR-guided stereotactic body radiation therapy for primary cardiac sarcomas. *Radiat Oncol.* 2021 Mar 26;16(1):60. doi: 10.1186/s13014-021-01791-9. PMID: 33771179; PMCID: PMC7995725.

131: Piccirilli M, Spena G, Marchese E, Tropeano MP, Santoro A. A new device for bone cranial flap fixation: Technical note and surgical remarks. A multicentric experience. *Surg Neurol Int.* 2021 Feb 23;12:74. doi: 10.25259/SNI_819_2020. PMID: 33767878; PMCID: PMC7982122.

132: Nogueira RG, Qureshi MM, Abdalkader M, Martins SO, Yamagami H, Qiu Z, Mansour OY, Sathya A, Czlonkowska A, Tsivgoulis G, Aguiar de Sousa D, Demeestere J, Mikulik R, Vanacker P, Siegler JE, Körv J, Biller J, Liang CW, Sangha NS, Zha AM, Czap AL, Holmstedt CA, Turan TN, Ntaios G, Malhotra K, Tayal A, Loochtan A, Ranta A, Mistry EA, Alexandrov AW, Huang DY, Yaghi S, Raz E, Sheth SA, Mohammaden MH, Frankel M, Bila Lamou EG, Aref HM, Elbassiouny A, Hassan F, Menecie T, Mustafa W, Shokri HM, Roushdy T, Sarfo FS, Alabi TO, Arabambi B, Nwazor EO, Sunmonu TA, Wahab K, Yaria J, Mohammed HH, Adebayo PB, Riahi AD, Sassi SB, Gwaunza L, Ngwende GW, Sahakyan D, Rahman A, Ai Z, Bai F, Duan Z, Hao Y, Huang W, Li G, Li W, Liu G, Luo J, Shang X, Sui Y, Tian L, Wen H, Wu B, Yan Y, Yuan Z, Zhang H, Zhang J, Zhao W, Zi W, Leung TW, Chugh C, Huded V, Menon B, Pandian JD, Sylaja PN, Usman FS, Farhoudi M, Hokmabadi ES, Horev A, Reznik A, Sivan Hoffmann R, Ohara N, Sakai N, Watanabe D, Yamamoto R, Doijiri R, Tokuda N, Yamada T, Terasaki T, Yazawa Y, Uwatoko T, Dembo T, Shimizu H, Sugiura Y, Miyashita F, Fukuda H, Miyake K, Shimbo J, Sugimura Y, Yagita Y, Takenobu Y, Matsumaru Y, Yamada S, Kono R, Kanamaru T, Yamazaki H, Sakaguchi M, Todo K, Yamamoto N, Sonoda K, Yoshida T, Hashimoto H, Nakahara I, Kondybayeva A, Faizullina K, Kamenova S, Zhanuzakov M, Baek JH, Hwang Y, Lee JS, Lee SB, Moon J, Park H, Seo JH, Seo KD, Sohn SI, Young CJ, Ahdab R, Wan Zaidi WA, Aziz ZA, Basri HB, Chung LW, Ibrahim AB, Ibrahim KA, Looi I, Tan WY, Yahya NW, Groppa S, Leahu P, Al Hashmi AM, Imam YZ, Akhtar N, Pineda-Franks MC, Co CO, Kandyba D, Alhazzani A, Al-Jehani H, Tham CH, Mamauag MJ, Venketasubramanian N, Chen CH, Tang SC, Churojana A, Akil E, Aykaç Ö, Ozdemir AO, Giray S, Hussain SI, John S, Le Vu H, Tran AD, Nguyen HH, Nhu Pham T, Nguyen TH, Nguyen TQ, Gattringer T, Enzinger C, Killer-Oberpfalzer M, Bellante F, De Blauwe S, Vanhooren G, De Raedt S, Dusart A, Lemmens R, Ligot N, Pierre Rutgers M, Yperzeele L, Alexiev F, Sakelarova T, Bedeković MR, Budincevic H, Cindric I, Hucika Z, Ozretic D, Saric MS, Pfeifer F, Karpowicz I, Cernik D, Sramek M, Skoda M, Hlavacova H, Klecka L, Koutny M, Vaclavik D, Skoda O, Fiksa J, Hanelova K, Nevsimalova M, Rezek R, Prochazka P, Krejstova G, Neumann J, Vachova M, Brzezanski H, Hlinovsky D, Tenora D, Jura R, Jurák L, Novak J, Novak A, Topinka Z, Fibrich P, Sobolova H, Volny O, Krarup Christensen H, Drenck N, Klingenberg Iversen H, Simonsen CZ, Truelsen TC, Wienecke T, Vibo R, Gross-Pajou K, Toomsoo T, Antsov K, Caparros F, Cordonnier C, Dan M, Faucheux JM, Mechtouff L, Eker O, Lesaine E, Ondze B, Peres R, Pico F, Piotin M, Pop R, Rouanet F, Gubeladze T, Khinikadze M, Lobjanidze N, Tsiskaridze A, Nagel S, Ringleb PA, Rosenkranz M, Schmidt H, Sedghi A, Siepmann T, Szabo K, Thomalla G, Palaodimou L, Sagris D, Kargiotis O, Klivenyi P, Szapary L, Tarkanyi G, Adami A, Bandini F, Calabresi P, Frisullo G, Renieri L, Sangalli D, Pirson A, Uyttenboogaart M, van den Wijngaard I, Kristoffersen ES, Brola W, Fudala M, Horoch-Lyszczarek E, Karlinski M, Kazmierski R, Kram P, Rogoziewicz M, Kaczorowski R, Luchowski P, Sienkiewicz-Jarosz H, Sobolewski P, Fryze W, Wisniewska A, Wiszniewska M, Ferreira P, Ferreira P, Fonseca L, Marto JP, Pinho E Melo T, Nunes AP, Rodrigues M, Tedim Cruz V, Falup-Pecurariu C, Krastev G, Mako M, de Leciñana MA, Arenillas JF, Ayo-Martin O, Cruz Culebras A, Tejedor ED, Montaner J, Pérez-Sánchez S, Tola Arribas MA, Rodriguez Vasquez A, Mayza M, Bernava G, Brehm A, Machi P, Fischer U, Gralla J, Michel PL, Psychogios MN, Strambo D, Banerjee S, Krishnan K, Kwan J, Butt A, Catanese L, Demchuk AM, Field T, Haynes J, Hill

MD, Khosravani H, Mackey A, Pikula A, Saposnik G, Scott CA, Shoamanesh A, Shuaib A, Yip S, Barboza MA, Barrientos JD, Portillo Rivera LI, Gongora-Rivera F, Novarro-Escudero N, Blanco A, Abraham M, Alsbrook D, Altschul D, Alvarado-Ortiz AJ, Bach I, Badruddin A, Barazangi N, Brereton C, Castonguay A, Chaturvedi S, Chaudry SA, Choe H, Choi JH, Dharmadhikari S, Desai K, Devlin TG, Doss VT, Edgell R, Etherton M, Farooqui M, Frei D, Gandhi D, Grigoryan M, Gupta R, Hassan AE, Helenius J, Kaliaev A, Kaushal R, Khandelwal P, Khawaja AM, Khoury NN, Kim BS, Kleindorfer DO, Koyfman F, Lee VH, Leung LY, Linares G, Linfante I, Lutsep HL, Macdougall L, Male S, Malik AM, Masoud H, McDermott M, Mehta BP, Min J, Mittal M, Morris JG, Multani SS, Nahab F, Nalleballe K, Nguyen CB, Novakovic-White R, Ortega-Gutierrez S, Rahangdale RH, Ramakrishnan P, Romero JR, Rost N, Rothstein A, Ruland S, Shah R, Sharma M, Silver B, Simmons M, Singh A, Starosciak AK, Strasser SL, Szeder V, Teleb M, Tsai JP, Voetsch B, Balaguera O, Pujol Lereis VA, Luraschi A, Almeida MS, Cardoso FB, Conforto A, De Deus Silva L, Varrone Giacomini L, Oliveira Lima F, Longo AL, Magalhães PSC, Martins RT, Mont'alverne F, Mora Cuervo DL, Costa Rebello L, Valler L, Zetola VF, Lavados PM, Navia V, Olavarria VV, Almeida Toro JM, Amaya PFR, Bayona H, Corredor A, Rivera Ordóñez CE, Mantilla Barbosa DK, Lara O, Patiño MR, Diaz Escobar LF, Dejesus Melgarejo Fariña DE, Cardozo Villamayor A, Zelaya Zarza AJ, Barrientos Iman DM, Rodriguez Kadota L, Campbell B, Hankey GJ, Hair C, Kleinig T, Ma A, Tomazini Martins R, Sahathevan R, Thijs V, Salazar D, Yuan-Hao Wu T, Haussen DC, Liebeskind D, Yavagal DR, Jovin TG, Zaidat OO, Nguyen TN; SVIN COVID-19 Global Stroke Registry; SVIN COVID-19 Global Stroke Registry. Global Impact of COVID-19 on Stroke Care and IV Thrombolysis. *Neurology*. 2021 Jun 8;96(23):e2824-e2838. doi: 10.1212/WNL.00000000000011885. Epub 2021 Mar 25. PMID: 33766997; PMCID: PMC8205458.

133: Mazzola R, Jereczek-Fossa BA, Antognoni P, Di Muzio N, Nicosia L, Lancia A, Fazio I, Chiesa S, Osti MF, Pergolizzi S, Franceschini D, Gentile P, Triggiani L, Alongi F. OLIGO-AIRO: a national survey on the role of radiation oncologist in the management of OLIGO-metastatic patients on the behalf of AIRO. *Med Oncol*. 2021 Mar 24;38(5):48. doi: 10.1007/s12032-021-01493-y. PMID: 33761017.

134: Klionsky DJ, Abdel-Aziz AK, Abdelfatah S, Abdellatif M, Abdoli A, Abel S, Abeliovich H, Abildgaard MH, Abudu YP, Acevedo-Arozena A, Adamopoulos IE, Adeli K, Adolph TE, Adornetto A, Aflaki E, Agam G, Agarwal A, Aggarwal BB, Agnello M, Agostinis P, Agrewala JN, Agrotis A, Aguilar PV, Ahmad ST, Ahmed ZM, Ahumada- Castro U, Aits S, Aizawa S, Akkoc Y, Akoumianaki T, Akpinar HA, Al-Abd AM, Al-Akra L, Al-Gharaibeh A, Alaoui-Jamali MA, Alberti S, Alcocer-Gómez E, Alessandri C, Ali M, Alim Al-Bari MA, Aliwaini S, Alizadeh J, Almacellas E, Almasan A, Alonso A, Alonso GD, Altan-Bonnet N, Altieri DC, Álvarez EMC, Alves S, Alves da Costa C, Alzaharna MM, Amadio M, Amantini C, Amaral C, Ambrosio S, Amer AO, Ammanathan V, An Z, Andersen SU, Andrabi SA, Andrade-Silva M, Andres AM, Angelini S, Ann D, Anozie UC, Ansari MY, Antas P, Antebi A, Antón Z, Anwar T, Apetoh L, Apostolova N, Araki T, Araki Y, Arasaki K, Araújo WL, Araya J, Arden C, Arévalo MA, Arguelles S, Arias E, Arikath J, Arimoto H, Ariosia AR, Armstrong-James D, Arnauné-Pelloquin L, Aroca A, Arroyo DS, Arsov I, Artero R, Asaro DML, Aschner M, Ashrafizadeh M, Ashur-Fabian O, Atanasov AG, Au AK, Auburger P, Auner HW, Aurelian L, Autelli R, Avagliano L, Ávalos Y, Aveic S, Aveleira CA, Avin-Wittenberg T, Aydin Y, Ayton S, Ayyadevara S, Azzopardi M, Baba M, Backer JM, Backues SK, Bae DH, Bae ON, Bae SH, Baehrecke EH, Baek A, Baek SH, Baek SH, Bagetta G, Bagniewska-Zadworna A, Bai H, Bai J, Bai X, Bai Y, Bairagi N, Baksi S, Balbi T, Baldari CT, Balduini W, Ballabio A, Ballester M, Balazadeh S, Balzan R, Bandopadhyay R, Banerjee S, Banerjee S, Bánrétí Á, Bao Y, Baptista MS, Baracca A, Barbati C, Bargiela A, Barilà D, Barlow PG, Barmada SJ, Barreiro E, Barreto GE, Bartek J, Bartel B, Bartolome A, Barve GR, Basagoudanavar SH, Bassham DC, Bast RC Jr, Basu A, Batoko H, Batten I, Baulieu EE, Baumgarner BL, Bayry J, Beale R, Beau I, Beaumatin F, Bechara LRG, Beck GR Jr, Beers MF, Begun J, Behrends C, Behrens GMN, Bei R, Bejarano E, Bel S, Behl C, Belaid A, Belgareh-Touzé N, Bellarosa C, Belleudi F, Belló Pérez M, Bello- Morales R, Beltran JSO, Beltran S, Benbrook DM, Bendorius M, Benitez BA, Benito-Cuesta I, Bensalem J, Berchtold MW, Berezowska S, Bergamaschi D, Bergami M, Bergmann A, Berliocchi L, Berlioz-Torrent C, Bernard A, Berthoux L, Besirli CG, Besteiro S, Betin VM, Beyaert R,

Bezbradica JS, Bhaskar K, Bhatia-Kissova I, Bhattacharya R, Bhattacharya S, Bhattacharyya S, Bhuiyan MS, Bhutia SK, Bi L, Bi X, Biden TJ, Bijian K, Billes VA, Binart N, Bincoletto C, Birgisdottir AB, Bjorkoy G, Blanco G, Blas-Garcia A, Blasiak J, Blomgran R, Blomgren K, Blum JS, Boada-Romero E, Boban M, Boesze-Battaglia K, Boeuf P, Boland B, Bomont P, Bonaldo P, Bonam SR, Bonfili L, Bonifacino JS, Boone BA, Bootman MD, Bordi M, Borner C, Bornhauser BC, Borthakur G, Bosch J, Bose S, Botana LM, Botas J, Boulanger CM, Boulton ME, Bourdenx M, Bourgeois B, Bourke NM, Bousquet G, Boya P, Bozhkov PV, Bozi LHM, Bozkurt TO, Brackney DE, Brandts CH, Braun RJ, Braus GH, Bravo-Sagua R, Bravo-San Pedro JM, Brest P, Bringer MA, Briones-Herrera A, Broaddus VC, Brodersen P, Brodsky JL, Brody SL, Bronson PG, Bronstein JM, Brown CN, Brown RE, Brum PC, Brumell JH, Brunetti-Pierri N, Bruno D, Bryson-Richardson RJ, Bucci C, Buchrieser C, Bueno M, Buitrago-Molina LE, Buraschi S, Buch S, Buchan JR, Buckingham EM, Budak H, Budini M, Bultynck G, Burada F, Burgoyne JR, Burón MI, Bustos V, Büttner S, Butturini E, Byrd A, Cabas I, Cabrera-Benitez S, Cadwell K, Cai J, Cai L, Cai Q, Cairó M, Calbet JA, Caldwell GA, Caldwell KA, Call JA, Calvani R, Calvo AC, Calvo-Rubio Barrera M, Camara NO, Camonis JH, Camougrand N, Campanella M, Campbell EM, Campbell-Valois FX, Campello S, Campesi I, Campos JC, Camuzard O, Cancino J, Candido de Almeida D, Canesi L, Caniggia I, Canonico B, Cantí C, Cao B, Caraglia M, Caramés B, Carchman EH, Cardenal-Muñoz E, Cardenas C, Cardenas L, Cardoso SM, Carew JS, Carle GF, Carleton G, Carloni S, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carosi JM, Carra S, Carrier A, Carrier L, Carroll B, Carter AB, Carvalho AN, Casanova M, Casas C, Casas J, Cassioli C, Castillo EF, Castillo K, Castillo-Lluva S, Castoldi F, Castori M, Castro AF, Castro-Caldas M, Castro-Hernandez J, Castro-Obregon S, Catz SD, Cavadas C, Cavaliere F, Cavallini G, Cavinato M, Cayuela ML, Cebollada Rica P, Cecarini V, Cecconi F, Cechowska-Pasko M, Cenci S, Ceperuelo-Mallafré V, Cerqueira JJ, Cerutti JM, Cervia D, Cetintas VB, Cetrullo S, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chakrabarti O, Chakraborty T, Chakraborty T, Chami M, Chamilos G, Chan DW, Chan EYW, Chan ED, Chan HYE, Chan HH, Chan H, Chan MTV, Chan YS, Chandra PK, Chang CP, Chang C, Chang HC, Chang K, Chao J, Chapman T, Charlet-Berguerand N, Chatterjee S, Chaube SK, Chaudhary A, Chauhan S, Chaum E, Checler F, Cheetham ME, Chen CS, Chen GC, Chen JF, Chen LL, Chen L, Chen L, Chen M, Chen MK, Chen N, Chen Q, Chen RH, Chen S, Chen W, Chen W, Chen XM, Chen XW, Chen X, Chen Y, Chen YG, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen ZS, Chen Z, Chen ZH, Chen ZJ, Chen Z, Cheng H, Cheng J, Cheng SY, Cheng W, Cheng X, Cheng XT, Cheng Y, Cheng Z, Chen Z, Cheong H, Cheong JK, Chernyak BV, Cherry S, Cheung CFR, Cheung CHA, Cheung KH, Chevet E, Chi RJ, Chiang AKS, Chiaradonna F, Chiarelli R, Chiariello M, Chica N, Chiocca S, Chiong M, Chiou SH, Chiramel AI, Chiurchiù V, Cho DH, Choe SK, Choi AMK, Choi ME, Choudhury KR, Chow NS, Chu CT, Chua JP, Chua JJE, Chung H, Chung KP, Chung S, Chung SH, Chung YL, Cianfanelli V, Ciechomska IA, Cifuentes M, Cinque L, Cirak S, Cirone M, Clague MJ, Clarke R, Clementi E, Coccia EM, Codogno P, Cohen E, Cohen MM, Colasanti T, Colasuonno F, Colbert RA, Colell A, Čolić M, Coll NS, Collins MO, Colombo MI, Colón-Ramos DA, Combaret L, Comincini S, Cominetti MR, Consiglio A, Conte A, Conti F, Contu VR, Cookson MR, Coombs KM, Coppens I, Corasaniti MT, Corkery DP, Cordes N, Cortese K, Costa MDC, Costantino S, Costelli P, Coto-Montes A, Crack PJ, Crespo JL, Criollo A, Crippa V, Cristofani R, Csizmadia T, Cuadrado A, Cui B, Cui J, Cui Y, Cui Y, Culetto E, Cumino AC, Cybulsky AV, Czaja MJ, Czuczwar SJ, D'Adamo S, D'Amelio M, D'Arcangelo D, D'Lugos AC, D'Orazi G, da Silva JA, Dafsari HS, Dagda RK, Dagdas Y, Daglia M, Dai X, Dai Y, Dai Y, Dal Col J, Dalhaimer P, Dalla Valle L, Dallenga T, Dalmaso G, Damme M, Dando I, Dantuma NP, Darling AL, Das H, Dasarathy S, Dasari SK, Dash S, Daumke O, Dauphinee AN, Davies JS, Dávila VA, Davis RJ, Davis T, Dayalan Naidu S, De Amicis F, De Bosscher K, De Felice F, De Franceschi L, De Leonibus C, de Mattos Barbosa MG, De Meyer GRY, De Milito A, De Nunzio C, De Palma C, De Santi M, De Virgilio C, De Zio D, Debnath J, DeBosch BJ, Decuypere JP, Deehan MA, Deflorian G, DeGregori J, Dehay B, Del Rio G, Delaney JR, Delbridge LMD, Delorme-Axford E, Delpino MV, Demarchi F, Dembitz V, Demers ND, Deng H, Deng Z, Dengjel J, Dent P, Denton D, DePamphilis ML, Der CJ, Deretic V, Descoteaux A, Devis L, Devkota S, Devuyst O, Dewson G, Dharmasivam M, Dhiman R, di Bernardo D, Di Cristina M, Di Domenico F, Di Fazio P, Di Fonzo A, Di Guardo G, Di Guglielmo GM, Di Leo L, Di Malta C, Di Nardo A, Di Rienzo M, Di Sano F, Diallynas G, Diao J, Diaz-Araya G, Díaz-Laviada I, Dickinson JM, Diederich M, Dieudé M, Dikic I, Ding S, Ding WX, Dini L, Dinić J, Dinic

M, Dinkova-Kostova AT, Dionne MS, Distler JHW, Diwan A, Dixon IMC, Djavaheri-Mergny M, Dobrinski I, Dobrovinskaya O, Dobrowolski R, Dobson RCJ, Đokić J, Dokmeci Emre S, Donadelli M, Dong B, Dong X, Dong Z, Dorn li GW, Dotsch V, Dou H, Dou J, Dowaidar M, Dridi S, Drucker L, Du A, Du C, Du G, Du HN, Du LL, du Toit A, Duan SB, Duan X, Duarte SP, Dubrovskaya A, Dunlop EA, Dupont N, Durán RV, Dwarakanath BS, Dyshlovoy SA, Ebrahimi-Fakhari D, Eckhart L, Edelstein CL, Efferth T, Eftekharpour E, Eichinger L, Eid N, Eisenberg T, Eissa NT, Eissa S, Ejarque M, El Andaloussi A, El-Hage N, El-Naggar S, Eleuteri AM, El-Shafey ES, Elgendy M, Eliopoulos AG, Elizalde MM, Elks PM, Elsasser HP, Elsherbiny ES, Emerling BM, Emre NCT, Eng CH, Engedal N, Engelbrecht AM, Engelsen AST, Enserink JM, Escalante R, Esclatine A, Escobar-Henriques M, Eskelinen EL, Espert L, Eusebio MO, Fabrias G, Fabrizi C, Facchiano A, Facchiano F, Fadeel B, Fader C, Faesen AC, Fairlie WD, Falcó A, Falkenburger BH, Fan D, Fan J, Fan Y, Fang EF, Fang Y, Fang Y, Fanto M, Farfel-Becker T, Faure M, Fazeli G, Fedele AO, Feldman AM, Feng D, Feng J, Feng L, Feng Y, Feng Y, Feng W, Fenz Araujo T, Ferguson TA, Fernández ÁF, Fernandez-Checa JC, Fernández-Veledo S, Fernie AR, Ferrante AW Jr, Ferraresi A, Ferrari MF, Ferreira JCB, Ferro-Novick S, Figueras A, Filadi R, Filigheddu N, Filippi-Chiela E, Filomeni G, Fimia GM, Fineschi V, Finetti F, Finkbeiner S, Fisher EA, Fisher PB, Flamigni F, Fliesler SJ, Flo TH, Florance I, Florey O, Florio T, Fodor E, Follo C, Fon EA, Forlino A, Fornai F, Fortini P, Fracassi A, Fraldi A, Franco B, Franco R, Franconi F, Frankel LB, Friedman SL, Fröhlich LF, Frühbeck G, Fuentes JM, Fujiki Y, Fujita N, Fujiwara Y, Fukuda M, Fulda S, Furic L, Furuya N, Fusco C, Gack MU, Gaffke L, Galadari S, Galasso A, Galindo MF, Gallolu Kankanamalage S, Galluzzi L, Galy V, Gammoh N, Gan B, Ganley IG, Gao F, Gao H, Gao M, Gao P, Gao SJ, Gao W, Gao X, Garcera A, Garcia MN, Garcia VE, García-Del Portillo F, Garcia-Escudero V, Garcia-Garcia A, Garcia-Macia M, García-Moreno D, Garcia-Ruiz C, García-Sanz P, Garg AD, Gargini R, Garofalo T, Garry RF, Gassen NC, Gatica D, Ge L, Ge W, Geiss-Friedlander R, Gelfi C, Genschik P, Gentle IE, Gerbino V, Gerhardt C, Germain K, Germain M, Gewirtz DA, Ghasemipour Afshar E, Ghavami S, Ghigo A, Ghosh M, Giamas G, Giampietri C, Giatromanolaki A, Gibson GE, Gibson SB, Ginet V, Giniger E, Giorgi C, Girao H, Girardin SE, Giridharan M, Giuliano S, Giulivi C, Giuriato S, Giustiniani J, Glusko A, Goder V, Goginashvili A, Golab J, Goldstone DC, Golebiewska A, Gomes LR, Gomez R, Gómez-Sánchez R, Gomez-Puerto MC, Gomez-Sintes R, Gong Q, Goni FM, González-Gallego J, Gonzalez-Hernandez T, Gonzalez-Polo RA, Gonzalez-Reyes JA, González-Rodríguez P, Goping IS, Gorbatyuk MS, Gorbunov NV, Görgülü K, Gorjod RM, Gorski SM, Goruppi S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graef M, Gräler MH, Granatiero V, Grasso D, Gray JP, Green DR, Greenhough A, Gregory SL, Griffin EF, Grinstaff MW, Gros F, Grose C, Gross AS, Gruber F, Grumati P, Grune T, Gu X, Guan JL, Guardia CM, Guda K, Guerra F, Guerri C, Guha P, Guillén C, Gujar S, Gukovskaya A, Gukovsky I, Gunst J, Günther A, Guntur AR, Guo C, Guo C, Guo H, Guo LW, Guo M, Gupta P, Gupta SK, Gupta S, Gupta VB, Gupta V, Gustafsson AB, Gutterman DD, H B R, Haapasalo A, Haber JE, Hać A, Hadano S, Hafrén AJ, Haidar M, Hall BS, Halldén G, Hamacher-Brady A, Hamann A, Hamasaki M, Han W, Hansen M, Hanson PI, Hao Z, Harada M, Harhaji-Trajkovic L, Hariharan N, Haroon N, Harris J, Hasegawa T, Hasima Nagoor N, Haspel JA, Haucke V, Hawkins WD, Hay BA, Haynes CM, Hayrabyan SB, Hays TS, He C, He Q, He RR, He YW, He YY, Heikal Y, Heberle AM, Hejtmancik JF, Helgason GV, Henkel V, Herb M, Hergovich A, Herman-Antosiewicz A, Hernández A, Hernandez C, Hernandez-Diaz S, Hernandez-Gea V, Herpin A, Herreros J, Hervás JH, Hesselton D, Hetz C, Heussler VT, Higuchi Y, Hilfiker S, Hill JA, Hlavacek WS, Ho EA, Ho IHT, Ho PW, Ho SL, Ho WY, Hobbs GA, Hochstrasser M, Hoet PHM, Hofius D, Hofman P, Höhn A, Holmberg CI, Hombrebueno JR, Yi-Ren Hong CH, Hooper LV, Hoppe T, Horos R, Hoshida Y, Hsin IL, Hsu HY, Hu B, Hu D, Hu LF, Hu MC, Hu R, Hu W, Hu YC, Hu ZW, Hua F, Hua J, Hua Y, Huan C, Huang C, Huang C, Huang C, Huang C, Huang H, Huang K, Huang MLH, Huang R, Huang S, Huang T, Huang X, Huang YJ, Huber TB, Hubert V, Hubner CA, Hughes SM, Hughes WE, Humbert M, Hummer G, Hurley JH, Hussain S, Hussain S, Hussey PJ, Hutabarat M, Hwang HY, Hwang S, Ieni A, Ikeda F, Imagawa Y, Imai Y, Imbriano C, Imoto M, Inman DM, Inoki K, Iovanna J, Iozzo RV, Ippolito G, Irazoqui JE, Iribarren P, Ishaq M, Ishikawa M, Ishimwe N, Isidoro C, Ismail N, Issazadeh-Navikas S, Itakura E, Ito D, Ivankovic D, Ivanova S, Iyer AKV, Izquierdo JM, Izumi M, Jäättelä M, Jabir MS, Jackson WT, Jacobo-Herrera N, Jacomin AC, Jacquin E, Jadia P, Jaeschke H, Jagannath C, Jakobi AJ, Jakobsson J, Janji B, Jansen-Dürr P, Jansson PJ, Jantsch J, Januszewski S, Jassey A, Jean S, Jeltsch-David H, Jendelova

P, Jenny A, Jensen TE, Jessen N, Jewell JL, Ji J, Jia L, Jia R, Jiang L, Jiang Q, Jiang R, Jiang T, Jiang X, Jiang Y, Jimenez-Sanchez M, Jin EJ, Jin F, Jin H, Jin L, Jin L, Jin M, Jin S, Jo EK, Joffre C, Johansen T, Johnson GVW, Johnston SA, Jokitalo E, Jolly MK, Joosten LAB, Jordan J, Joseph B, Ju D, Ju JS, Ju J, Juárez E, Judith D, Juhász G, Jun Y, Jung CH, Jung SC, Jung YK, Jungbluth H, Jungverdorben J, Just S, Kaarniranta K, Kaasik A, Kabuta T, Kaganovich D, Kahana A, Kain R, Kajimura S, Kalamvoki M, Kalia M, Kalinowski DS, Kaludercic N, Kalvari I, Kaminska J, Kaminsky VO, Kanamori H, Kanasaki K, Kang C, Kang R, Kang SS, Kaniyappan S, Kanki T, Kanneganti TD, Kanthasamy AG, Kanthasamy A, Kantorow M, Kapuy O, Karamouzis MV, Karim MR, Karmakar P, Katare RG, Kato M, Kaufmann SHE, Kauppinen A, Kaushal GP, Kaushik S, Kawasaki K, Kazan K, Ke PY, Keating DJ, Keber U, Kehrl JH, Keller KE, Keller CW, Kemper JK, Kenific CM, Kepp O, Kermorgant S, Kern A, Ketteler R, Keulers TG, Khalfin B, Khalil H, Khambu B, Khan SY, Khandelwal VKM, Khandia R, Kho W, Khobreakar NV, Khuansuwan S, Khundadze M, Killackey SA, Kim D, Kim DR, Kim DH, Kim DE, Kim EY, Kim EK, Kim HR, Kim HS, Hyung-Ryong Kim, Kim JH, Kim JK, Kim JH, Kim J, Kim JH, Kim KI, Kim PK, Kim SJ, Kimball SR, Kimchi A, Kimmelman AC, Kimura T, King MA, Kinghorn KJ, Kinsey CG, Kirkin V, Kirshenbaum LA, Kiselev SL, Kishi S, Kitamoto K, Kitaoka Y, Kitazato K, Kitsis RN, Kittler JT, Kjaerulff O, Klein PS, Klopstock T, Klucken J, Knævelsrud H, Knorr RL, Ko BCB, Ko F, Ko JL, Kobayashi H, Kobayashi S, Koch I, Koch JC, Koenig U, Kögel D, Koh YH, Koike M, Kohlwein SD, Kocaturk NM, Komatsu M, König J, Kono T, Kopp BT, Korcsmaros T, Korkmaz G, Korolchuk VI, Korsnes MS, Koskela A, Kota J, Kotake Y, Kotler ML, Kou Y, Koukourakis MI, Koustas E, Kovacs AL, Kovács T, Koya D, Kozako T, Kraft C, Krainc D, Krämer H, Krasnodembskaya AD, Kretz-Remy C, Kroemer G, Ktistakis NT, Kuchitsu K, Kuenen S, Kuerschner L, Kukar T, Kumar A, Kumar A, Kumar D, Kumar D, Kumar S, Kume S, Kumsta C, Kundu CN, Kundu M, Kunnumakkara AB, Kurgan L, Kutateladze TG, Kutlu O, Kwak S, Kwon HJ, Kwon TK, Kwon YT, Kyrmizi I, La Spada A, Labonté P, Ladoire S, Laface I, Lafont F, Lagace DC, Lahiri V, Lai Z, Laird AS, Lakkaraju A, Lamark T, Lan SH, Landajuela A, Lane DJR, Lane JD, Lang CH, Lange C, Langel Ü, Langer R, Lapaquette P, Laporte J, LaRusso NF, Lastres-Becker I, Lau WCY, Laurie GW, Lavandero S, Law BYK, Law HK, Layfield R, Le W, Le Stunff H, Leary AY, Lebrun JJ, Leck LYW, Leduc-Gaudet JP, Lee C, Lee CP, Lee DH, Lee EB, Lee EF, Lee GM, Lee HJ, Lee HK, Lee JM, Lee JS, Lee JA, Lee JY, Lee JH, Lee M, Lee MG, Lee MJ, Lee MS, Lee SY, Lee SJ, Lee SY, Lee SB, Lee WH, Lee YR, Lee YH, Lee Y, Lefebvre C, Legouis R, Lei YL, Lei Y, Leikin S, Leitinger G, Lemus L, Leng S, Lenoir O, Lenz G, Lenz HJ, Lenzi P, León Y, Leopoldino AM, Leszczczyk C, Leskelä S, Letellier E, Leung CT, Leung PS, Leventhal JS, Levine B, Lewis PA, Ley K, Li B, Li DQ, Li J, Li J, Li J, Li K, Li L, Li M, Li M, Li M, Li M, Li M, Li PL, Li MQ, Li Q, Li S, Li T, Li W, Li W, Li X, Li YP, Li Y, Li Z, Li Z, Li Z, Lian J, Liang C, Liang Q, Liang W, Liang Y, Liang Y, Liao G, Liao L, Liao M, Liao YF, Librizzi M, Lie PPY, Lilly MA, Lim HJ, Lima TRR, Limana F, Lin C, Lin CW, Lin DS, Lin FC, Lin JD, Lin KM, Lin KH, Lin LT, Lin PH, Lin Q, Lin S, Lin SJ, Lin W, Lin X, Lin YX, Lin YS, Linden R, Lindner P, Ling SC, Lingor P, Linnemann AK, Liou YC, Lipinski MM, Lipovšek S, Lira VA, Lisiak N, Liton PB, Liu C, Liu CH, Liu CF, Liu CH, Liu F, Liu H, Liu HS, Liu HF, Liu H, Liu J, Liu J, Liu J, Liu L, Liu L, Liu M, Liu Q, Liu W, Liu W, Liu XH, Liu X, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Y, Liu Y, Liu Y, Livingston JA, Lizard G, Lizcano JM, Ljubojevic-Holzer S, LLeonart ME, Llobet-Navàs D, Llorente A, Lo CH, Lobato-Márquez D, Long Q, Long YC, Loos B, Loos JA, López MG, López-Doménech G, López-Guerrero JA, López-Jiménez AT, López-Pérez Ó, López-Valero I, Lorenowicz MJ, Lorente M, Lorincz P, Lossi L, Lotersztajn S, Lovat PE, Lovell JF, Lovy A, Lőw P, Lu G, Lu H, Lu JH, Lu JJ, Lu M, Lu S, Luciani A, Lucocq JM, Ludovico P, Luftig MA, Luhr M, Luis-Ravelo D, Lum JJ, Luna-Dulcey L, Lund AH, Lund VK, Lünemann JD, Lüningschrör P, Luo H, Luo R, Luo S, Luo Z, Luparello C, Lüscher B, Luu L, Lyakhovich A, Lyamzaev KG, Lystad AH, Lytvynchuk L, Ma AC, Ma C, Ma M, Ma NF, Ma QH, Ma X, Ma Y, Ma Z, MacDougald OA, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, Maday S, Madeo F, Madesh M, Madl T, Madrigal-Matute J, Maeda A, Maejima Y, Magarinos M, Mahavadi P, Maiani E, Maiese K, Maiti P, Maiuri MC, Majello B, Major MB, Makareeva E, Malik F, Mallilankaraman K, Malorni W, Maloyan A, Mammadova N, Man GCW, Manai F, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manjili MH, Manjithaya R, Manque P, Manshian BB, Manzano R, Manzoni C, Mao K, Marchese C, Marchetti S, Marconi AM, Marcucci F, Mardente S, Mareninova OA, Margeta M, Mari M, Marinelli S, Marinelli O, Mariño G, Mariotto S, Marshall RS, Marten MR, Martens S, Martin APJ, Martin KR, Martin S, Martin S, Martín-Segura A, Martín-Acebes MA, Martin- Burriel I, Martin-Rincon M, Martin-Sanz P,

Martina JA, Martinet W, Martinez A, Martinez A, Martinez J, Martinez Velazquez M, Martinez-Lopez N, Martinez-Vicente M, Martins DO, Martins JO, Martins WK, Martins-Marques T, Marzetti E, Masaldan S, Masclaux-Daubresse C, Mashek DG, Massa V, Massieu L, Masson GR, Masuelli L, Masyuk AI, Masyuk TV, Matarrese P, Matheu A, Matoba S, Matsuzaki S, Mattar P, Matte A, Mattoscio D, Mauriz JL, Mauthe M, Mauvezin C, Maverakis E, Maycotte P, Mayer J, Mazzocchi G, Mazzoni C, Mazzulli JR, McCarty N, McDonald C, McGill MR, McKenna SL, McLaughlin B, McLoughlin F, McNiven MA, McWilliams TG, Mechta-Grigoriou F, Medeiros TC, Medina DL, Megeney LA, Megyeri K, Mehrpour M, Mehta JL, Meijer AJ, Meijer AH, Mejlvang J, Meléndez A, Melk A, Memisoglu G, Mendes AF, Meng D, Meng F, Meng T, Menna-Barreto R, Menon MB, Mercer C, Mercier AE, Mergny JL, Merighi A, Merkley SD, Merla G, Meske V, Mestre AC, Metur SP, Meyer C, Meyer H, Mi W, Miale-Perez J, Miao J, Micalé L, Miki Y, Milan E, Milczarek M, Miller DL, Miller SI, Miller S, Millward SW, Milosevic I, Minina EA, Mirzaei H, Mirzaei HR, Mirzaei M, Mishra A, Mishra N, Mishra PK, Misirkic Marjanovic M, Misasi R, Misra A, Misso G, Mitchell C, Mitou G, Miura T, Miyamoto S, Miyazaki M, Miyazaki M, Miyazaki T, Miyazawa K, Mizushima N, Mogensen TH, Mograbi B, Mohammadinejad R, Mohamud Y, Mohanty A, Mohapatra S, Möhlmann T, Mohammed A, Moles A, Moley KH, Molinari M, Mollace V, Møller AB, Mollereau B, Mollinedo F, Montagna C, Monteiro MJ, Montella A, Montes LR, Montico B, Mony VK, Monzio Compagnoni G, Moore MN, Moosavi MA, Mora AL, Mora M, Morales-Alamo D, Moratalla R, Moreira PI, Morelli E, Moreno S, Moreno-Blas D, Moresi V, Morga B, Morgan AH, Morin F, Morishita H, Moritz OL, Moriyama M, Moriyasu Y, Morleo M, Morselli E, Moruno-Manchon JF, Moscat J, Mostowy S, Motori E, Moura AF, Moustaid-Moussa N, Mrakovcic M, Muciño-Hernández G, Mukherjee A, Mukhopadhyay S, Mulcahy Levy JM, Mulero V, Muller S, Münch C, Munjal A, Munoz-Canoves P, Muñoz-Galdeano T, Münz C, Murakawa T, Muratori C, Murphy BM, Murphy JP, Murthy A, Myöhänen TT, Mysorekar IU, Mytych J, Nabavi SM, Nabissi M, Nagy P, Nah J, Nahimana A, Nakagawa I, Nakamura K, Nakatogawa H, Nandi SS, Nanjundan M, Nanni M, Napolitano G, Nardacci R, Narita M, Nassif M, Nathan I, Natsumeda M, Naude RJ, Naumann C, Naveiras O, Navid F, Nawrocki ST, Nazarko TY, Nazio F, Negoita F, Neill T, Neisch AL, Neri LM, Netea MG, Neubert P, Neufeld TP, Neumann D, Neutzner A, Newton PT, Ney PA, Nezis IP, Ng CCW, Ng TB, Nguyen HTT, Nguyen LT, Ni HM, Ní Cheallaigh C, Ni Z, Nicolao MC, Nicoli F, Nieto-Diaz M, Nilsson P, Ning S, Niranjana R, Nishimune H, Niso-Santano M, Nixon RA, Nobili A, Nobrega C, Noda T, Nogueira-Recalde U, Nolan TM, Nombela I, Novak I, Novoa B, Nozawa T, Nukina N, Nussbaum-Krammer C, Nylandsted J, O'Donovan TR, O'Leary SM, O'Rourke EJ, O'Sullivan MP, O'Sullivan TE, Oddo S, Oehme I, Ogawa M, Ogier-Denis E, Ogmundsdottir MH, Ogretmen B, Oh GT, Oh SH, Oh YJ, Ohama T, Ohashi Y, Ohmuraya M, Oikonomou V, Ojha R, Okamoto K, Okazawa H, Oku M, Oliván S, Oliveira JMA, Ollmann M, Olzmann JA, Omari S, Omary MB, Önal G, Ondrej M, Ong SB, Ong SG, Onnis A, Orellana JA, Orellana-Muñoz S, Ortega-Villaizán MDM, Ortiz-Gonzalez XR, Ortona E, Osiewacz HD, Osman AK, Osta R, Otegui MS, Otsu K, Ott C, Ottobriani L, Ou JJ, Outeiro TF, Oynebraten I, Ozturk M, Pagès G, Pahari S, Pajares M, Pajvani UB, Pal R, Paladino S, Pallet N, Palmieri M, Palmisano G, Palumbo C, Pampaloni F, Pan L, Pan Q, Pan W, Pan X, Panasyuk G, Pandey R, Pandey UB, Pandya V, Paneni F, Pang SY, Panzarini E, Papademetrio DL, Papaleo E, Papinski D, Papp D, Park EC, Park HT, Park JM, Park JI, Park JT, Park J, Park SC, Park SY, Parola AH, Parys JB, Pasquier A, Pasquier B, Passos JF, Pastore N, Patel HH, Patschan D, Pattingre S, Pedraza-Alva G, Pedraza-Chaverri J, Pedrozo Z, Pei G, Pei J, Peled-Zehavi H, Pellegrini JM, Pelletier J, Peñalva MA, Peng D, Peng Y, Penna F, Pennuto M, Pentimalli F, Pereira CM, Pereira GJS, Pereira LC, Pereira de Almeida L, Perera ND, Pérez-Lara Á, Perez-Oliva AB, Pérez-Pérez ME, Periyasamy P, Perl A, Perrotta C, Perrotta I, Pestell RG, Petersen M, Petrache I, Petrovski G, Pfirrmann T, Pfister AS, Philips JA, Pi H, Picca A, Pickrell AM, Picot S, Pierantoni GM, Pierdominici M, Pierre P, Pierrefite-Carle V, Pierzynowska K, Pietrocola F, Pietruczuk M, Pignata C, Pimentel-Muñoz FX, Pinar M, Pinheiro RO, Pinkas-Kramarski R, Pinton P, Pircs K, Piya S, Pizzo P, Plantinga TS, Platta HW, Plaza-Zabala A, Plomann M, Plotnikov EY, Plun-Favreau H, Pluta R, Pocock R, Pöggeler S, Pohl C, Poirrot M, Poletti A, Ponpuak M, Popelka H, Popova B, Porta H, Porte Alcon S, Portilla-Fernandez E, Post M, Potts MB, Poulton J, Powers T, Prahlad V, Prajsnar TK, Praticò D, Prencipe R, Priault M, Proikas-Cezanne T, Promponas VJ, Proud CG, Puertollano R, Puglielli L, Pulinilkunnit T, Puri D, Puri R, Puyal J, Qi X, Qi Y, Qian W, Qiang L, Qiu Y, Quadriatero J, Quarleri J, Raben N, Rabinowich H, Ragana D, Ragusa MJ,

Rahimi N, Rahmati M, Raia V, Raimundo N, Rajasekaran NS, Ramachandra Rao S, Rami A, Ramírez-Pardo I, Ramsden DB, Randow F, Rangarajan PN, Ranieri D, Rao H, Rao L, Rao R, Rathore S, Ratnayaka JA, Ratovitski EA, Ravanan P, Ravegnini G, Ray SK, Razani B, Rebecca V, Reggiori F, Régnier-Vigouroux A, Reichert AS, Reigada D, Reiling JH, Rein T, Reipert S, Rekha RS, Ren H, Ren J, Ren W, Renault T, Renga G, Reue K, Rewitz K, Ribeiro de Andrade Ramos B, Riazuddin SA, Ribeiro-Rodrigues TM, Ricci JE, Ricci R, Riccio V, Richardson DR, Rikihisa Y, Risbud MV, Risueño RM, Ritis K, Rizza S, Rizzuto R, Roberts HC, Roberts LD, Robinson KJ, Roccheri MC, Rocchi S, Rodney GG, Rodrigues T, Rodrigues Silva VR, Rodriguez A, Rodriguez-Barrueco R, Rodriguez-Henche N, Rodriguez-Rocha H, Roelofs J, Rogers RS, Rogov VV, Rojo AI, Rolka K, Romanello V, Romani L, Romano A, Romano PS, Romeo-Guitart D, Romero LC, Romero M, Roney JC, Rongo C, Roperto S, Rosenfeldt MT, Rosenstiel P, Rosenwald AG, Roth KA, Roth L, Roth S, Rouschop KMA, Roussel BD, Roux S, Rovere-Querini P, Roy A, Rozieres A, Ruano D, Rubinsztein DC, Rubtsova MP, Ruckdeschel K, Ruckenstuhl C, Rudolf E, Rudolf R, Ruggieri A, Ruparelia AA, Rusmini P, Russell RR, Russo GL, Russo M, Russo R, Ryabaya OO, Ryan KM, Ryu KY, Sabater-Arcis M, Sachdev U, Sacher M, Sachse C, Sadhu A, Sadoshima J, Safren N, Saftig P, Sagona AP, Sahay G, Sahebkar A, Sahin M, Sahin O, Sahni S, Saito N, Saito S, Saito T, Sakai R, Sakai Y, Sakamaki JI, Saksela K, Salazar G, Salazar-Degracia A, Salekdeh GH, Saluja AK, Sampaio-Marques B, Sanchez MC, Sanchez-Alcazar JA, Sanchez-Vera V, Sancho-Shimizu V, Sanderson JT, Sandri M, Santaguida S, Santambrogio L, Santana MM, Santoni G, Sanz A, Sanz P, Saran S, Sardiello M, Sargeant TJ, Sarin A, Sarkar C, Sarkar S, Sarrias MR, Sarkar S, Sarmah DT, Sarparanta J, Sathyanarayan A, Sathyanarayanan R, Scaglione KM, Scatozza F, Schaefer L, Schafer ZT, Schaible UE, Schapira AHV, Scharl M, Schatzl HM, Schein CH, Scheper W, Scheuring D, Schiaffino MV, Schiappacassi M, Schindl R, Schlattner U, Schmidt O, Schmitt R, Schmidt SD, Schmitz I, Schmukler E, Schneider A, Schneider BE, Schober R, Schoijet AC, Schott MB, Schramm M, Schröder B, Schuh K, Schüller C, Schulze RJ, Schürmanns L, Schwamborn JC, Schwarten M, Scialo F, Sciarretta S, Scott MJ, Scotto KW, Scovassi AI, Scrima A, Scrivo A, Sebastian D, Sebti S, Sedej S, Segatori L, Segev N, Seglen PO, Seiliez I, Seki E, Selleck SB, Sellke FW, Selsby JT, Sendtner M, Senturk S, Seranova E, Sergi C, Serra-Moreno R, Sesaki H, Settembre C, Setty SRG, Sgarbi G, Sha O, Shacka JJ, Shah JA, Shang D, Shao C, Shao F, Sharbati S, Sharkey LM, Sharma D, Sharma G, Sharma K, Sharma P, Sharma S, Shen HM, Shen H, Shen J, Shen M, Shen W, Shen Z, Sheng R, Sheng Z, Sheng ZH, Shi J, Shi X, Shi YH, Shiba-Fukushima K, Shieh JJ, Shimada Y, Shimizu S, Shimozaawa M, Shintani T, Shoemaker CJ, Shojaei S, Shoji I, Shrivage BV, Shridhar V, Shu CW, Shu HB, Shui K, Shukla AK, Shutt TE, Sica V, Siddiqui A, Sierra A, Sierra-Torre V, Signorelli S, Sil P, Silva BJA, Silva JD, Silva-Pavez E, Silvente-Poirot S, Simmonds RE, Simon AK, Simon HU, Simons M, Singh A, Singh LP, Singh R, Singh SV, Singh SK, Singh SB, Singh S, Singh SP, Sinha D, Sinha RA, Sinha S, Sirko A, Sirohi K, Sivridis EL, Skendros P, Skirycz A, Slaninová I, Smaili SS, Smertenko A, Smith MD, Soenen SJ, Sohn EJ, Sok SPM, Solaini G, Soldati T, Soleimanpour SA, Soler RM, Solovchenko A, Somarelli JA, Sonawane A, Song F, Song HK, Song JX, Song K, Song Z, Soria LR, Sorice M, Soukas AA, Soukup SF, Sousa D, Sousa N, Spagnuolo PA, Spector SA, Srinivas Bharath MM, St Clair D, Stagni V, Staiano L, Stalneck CA, Stankov MV, Stathopoulos PB, Stefan K, Stefan SM, Stefanis L, Steffan JS, Steinkasserer A, Stenmark H, Sterneckert J, Stevens C, Stoka V, Storch S, Stork B, Strappazon F, Strohecker AM, Stupack DG, Su H, Su LY, Su L, Suarez-Fontes AM, Subauste CS, Subbian S, Subirada PV, Sudhandiran G, Sue CM, Sui X, Summers C, Sun G, Sun J, Sun K, Sun MX, Sun Q, Sun Y, Sun Z, Sunahara KKS, Sundberg E, Susztak K, Sutovsky P, Suzuki H, Sweeney G, Symons JD, Sze SCW, Szewczyk NJ, Tabęcka-Łonczyńska A, Tabolacci C, Tacke F, Taegtmeyer H, Tafani M, Tagaya M, Tai H, Tait SWG, Takahashi Y, Takats S, Talwar P, Tam C, Tam SY, Tampellini D, Tamura A, Tan CT, Tan EK, Tan YQ, Tanaka M, Tanaka M, Tang D, Tang J, Tang TS, Tanida I, Tao Z, Taouis M, Tatenhorst L, Tavernarakis N, Taylor A, Taylor GA, Taylor JM, Tchetina E, Tee AR, Tegeder I, Teis D, Teixeira N, Teixeira-Clerc F, Tekirdag KA, Tencomnao T, Tenreiro S, Tepikin AV, Testillano PS, Tettamanti G, Tharaux PL, Thedieck K, Thekkinghat AA, Thellung S, Thinwa JW, Thirumalaikumar VP, Thomas SM, Thomes PG, Thorburn A, Thukral L, Thum T, Thumm M, Tian L, Tichy A, Till A, Timmerman V, Titorenko VI, Todi SV, Todorova K, Toivonen JM, Tomaipitınca L, Tomar D, Tomas-Zapico C, Tomić S, Tong BC, Tong C, Tong X, Tooze SA, Torgersen ML, Torii S, Torres-López L, Torriglia A, Towers CG,

Conti V, Barba C, Antonelli M, Gianno F, Rossi S, Diomedi-Camassei F, Gessi M, Donofrio V, Bertero L, Giangaspero F, Santi M, Aronica E, Genitori L, Guerrini R. Angiocentric glioma-associated seizures: The possible role of EATT2, pyruvate carboxylase and glutamine synthetase. *Seizure*. 2021 Mar;86:152-154. doi: 10.1016/j.seizure.2021.02.014. Epub 2021 Feb 16. Erratum in: *Seizure*. 2021 Oct;91:520. PMID: 33621827.

136: Nachira D, Meacci E, Congedo MT, Petracca-Ciavarella L, Zanfrini E, Iaffaldano A, Vita ML, Chiappetta M, Griffo R, Lococo F, Margaritora S. Rib- oriented Thoracoscopic Sympathetic Surgery for Hyperhidrosis: Prospective Long- term Results and Quality of Life. *Surg Laparosc Endosc Percutan Tech*. 2021 Feb 16;31(3):307-312. doi: 10.1097/SLE.0000000000000925. PMID: 33605681.

137: Lofrese G, Scerrati A, Balsano M, Bassani R, Cappuccio M, Cavallo MA, Cofano F, Cultrera F, De Iure F, Biase FD, 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. *Global Spine J*. 2022 Oct;12(8):1751-1760. doi: 10.1177/2192568220988272. Epub 2021 Feb 16. PMID: 33590802; PMCID: PMC9609533.

138: Chia R, Sabir MS, Bandres-Ciga S, Saez-Atienzar S, Reynolds RH, Gustavsson E, Walton RL, Ahmed S, Viollet C, Ding J, Makarious MB, Diez-Fairen M, Portley MK, Shah Z, Abramzon Y, Hernandez DG, Blauwendraat C, Stone DJ, Eicher J, Parkkinen L, Ansorge O, Clark L, Honig LS, Marder K, Lemstra A, St George-Hyslop P, Londos E, Morgan K, Lashley T, Warner TT, Jaunmuktane Z, Galasko D, Santana I, Tienari PJ, Myllykangas L, Oinas M, Cairns NJ, Morris JC, Halliday GM, Van Deerlin VM, Trojanowski JQ, Grassano M, Calvo A, Mora G, Canosa A, Floris G, Bohannon RC, Brett F, Gan-Or Z, Geiger JT, Moore A, May P, Krüger R, Goldstein DS, Lopez G, Tayebi N, Sidransky E; American Genome Center, Norcliffe-Kaufmann L, Palma JA, Kaufmann H, Shakkottai VG, Perkins M, Newell KL, Gasser T, Schulte C, Landi F, Salvi E, Cusi D, Masliah E, Kim RC, Caraway CA, Monuki ES, Brunetti M, Dawson TM, Rosenthal LS, Albert MS, Pletnikova O, Troncoso JC, Flanagan ME, Mao Q, Bigio EH, Rodríguez-Rodríguez E, Infante J, Lage C, González-Aramburu I, Sanchez-Juan P, Ghetti B, Keith J, Black SE, Masellis M, Rogaeva E, Duyckaerts C, Brice A, Lesage S, Xiromerisiou G, Barrett MJ, Tilley BS, Gentleman S, Logroscino G, Serrano GE, Beach TG, McKeith IG, Thomas AJ, Attems J, Morris CM, Palmer L, Love S, Troakes C, Al-Sarraj S, Hodges AK, Aarsland D, Klein G, Kaiser SM, Woltjer R, Pastor P, Bekris LM, Leverenz JB, Besser LM, Kuzma A, Renton AE, Goate A, Bennett DA, Scherzer CR, Morris HR, Ferrari R, Albani D, Pickering- Brown S, Faber K, Kukull WA, Morenas-Rodriguez E, Lleó A, Fortea J, Alcolea D, Clarimon J, Nalls MA, Ferrucci L, Resnick SM, Tanaka T, Foroud TM, Graff-Radford NR, Wszolek ZK, Ferman T, Boeve BF, Hardy JA, Topol EJ, Torkamani A, Singleton AB, Ryten M, Dickson DW, Chiò A, Ross OA, Gibbs JR, Dalgard CL, Traynor BJ, Scholz SW. Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. *Nat Genet*. 2021 Mar;53(3):294-303. doi: 10.1038/s41588-021-00785-3. Epub 2021 Feb 15. PMID: 33589841; PMCID: PMC7946812.

139: Florio M, Capasso L, Olivi A, Vitiello C, Leone A, Liuzza F. Corrigendum to '3D - Navigated percutaneous screw fixation of pelvic ring injuries - a pilot study' [*Injury* 51S3 (2020) S28 - S33]. *Injury*. 2021 Apr;52(4):1103. doi: 10.1016/j.injury.2021.02.011. Epub 2021 Feb 13. Erratum for: *Injury*. 2020 Aug;51 Suppl 3:S28-S33. PMID: 33589233.

140: Ricciardi L, Trungu S, Scerrati A, Mongardi L, Flacco ME, Raco A, Miscusi M, De Bonis P, Sturiale CL. Surgical treatment of intracranial blister aneurysms: A systematic review. *Clin Neurol Neurosurg*. 2021 Mar;202:106550. doi: 10.1016/j.clineuro.2021.106550. Epub 2021 Feb 6. PMID: 33588360.

141: Fisher MJ, Jones DTW, Li Y, Guo X, Sonawane PS, Waanders AJ, Phillips JJ, Weiss WA, Resnick AC, Gosline S, Banerjee J, Guinney J, Gnekow A, Kandels D, Foreman NK, Korshunov A, Ryzhova M,

Massimi L, Gururangan S, Kieran MW, Wang Z, Fouladi M, Sato M, Øra I, Holm S, Markham SJ, Beck P, Jäger N, Wittmann A, Sommerkamp AC, Sahm F, Pfister SM, Gutmann DH. Integrated molecular and clinical analysis of low-grade gliomas in children with neurofibromatosis type 1 (NF1). *Acta Neuropathol.* 2021 Apr;141(4):605-617. doi: 10.1007/s00401-021-02276-5. Epub 2021 Feb 14. PMID: 33585982.

142: Boni A, Ranalli M, Del Baldo G, Carta R, Lodi M, Agolini E, Rinelli M, Valentini D, Rossi S, Alesi V, Cacchione A, Miele E, Alessi I, Caroleo AM, Colafati GS, De Ioris MA, Boccuto L, Balducci M, Carai A, Mastronuzzi A. Medulloblastoma Associated with Down Syndrome: From a Rare Event Leading to a Pathogenic Hypothesis. *Diagnostics (Basel).* 2021 Feb 7;11(2):254. doi: 10.3390/diagnostics11020254. PMID: 33562188; PMCID: PMC7915142.

143: Della Pepa GM, Caccavella VM, Menna G, Ius T, Auricchio AM, Chiesa S, Gaudino S, Marchese E, Olivi A. Machine Learning-Based Prediction of 6-Month Postoperative Karnofsky Performance Status in Patients with Glioblastoma: Capturing the Real-Life Interaction of Multiple Clinical and Oncologic Factors. *World Neurosurg.* 2021 May;149:e866-e876. doi: 10.1016/j.wneu.2021.01.082. Epub 2021 Jan 28. PMID: 33516864.

144: Nogueira RG, Abdalkader M, Qureshi MM, Frankel MR, Mansour OY, Yamagami H, Qiu Z, Farhoudi M, Siegler JE, Yaghi S, Raz E, Sakai N, Ohara N, Plotin M, Mechtouff L, Eker O, Chalumeau V, Kleinig TJ, Pop R, Liu J, Winters HS, Shang X, Vasquez AR, Blasco J, Arenillas JF, Martinez-Galdamez M, Brehm A, Psychogios MN, Lylyk P, Haussen DC, Al-Bayati AR, Mohammaden MH, Fonseca L, Luís Silva M, Montalverne F, Renieri L, Mangiafico S, Fischer U, Gralla J, Frei D, Chugh C, Mehta BP, Nagel S, Mohlenbruch M, Ortega-Gutierrez S, Farooqui M, Hassan AE, Taylor A, Lapergue B, Consoli A, Campbell BC, Sharma M, Walker M, Van Horn N, Fiehler J, Nguyen HT, Nguyen QT, Watanabe D, Zhang H, Le HV, Nguyen VQ, Shah R, Devlin T, Khandelwal P, Linfante I, Izzath W, Lavados PM, Olavarría VV, Sampaio Silva G, de Carvalho Sousa AV, Kirmani J, Bendszus M, Amano T, Yamamoto R, Doijiri R, Tokuda N, Yamada T, Terasaki T, Yazawa Y, Morris JG, Griffin E, Thornton J, Lavoie P, Matouk C, Hill MD, Demchuk AM, Killer-Oberpfalzer M, Nahab F, Altschul D, Ramos-Pachón A, Pérez de la Ossa N, Kikano R, Boisseau W, Walker G, Cordina SM, Puri A, Luisa Kuhn A, Gandhi D, Ramakrishnan P, Novakovic-White R, Chebl A, Kargiotis O, Czap A, Zha A, Masoud HE, Lopez C, Ozretic D, Al-Mufti F, Zie W, Duan Z, Yuan Z, Huang W, Hao Y, Luo J, Kalousek V, Bourcier R, Guile R, Hetts S, Al-Jehani HM, AlHazzani A, Sadeghi-Hokmabadi E, Teleb M, Payne J, Lee JS, Hong JM, Sohn SI, Hwang YH, Shin DH, Roh HG, Edgell R, Khatri R, Smith A, Malik A, Liebeskind D, Herial N, Jabbour P, Magalhaes P, Ozdemir AO, Aykac O, Uwatoko T, Dembo T, Shimizu H, Sugiura Y, Miyashita F, Fukuda H, Miyake K, Shimbo J, Sugimura Y, Beer-Furlan A, Joshi K, Catanese L, Abud DG, Neto OG, Mehrpour M, Al Hashmi A, Saqqur M, Mostafa A, Fifi JT, Hussain S, John S, Gupta R, Sivan-Hoffmann R, Reznik A, Sani AF, Geyik S, Akil E, Churojana A, Ghoreishi A, Saadatnia M, Sharifipour E, Ma A, Faulder K, Wu T, Leung L, Malek A, Voetsch B, Wakhloo A, Rivera R, Barrientos Iman DM, Pikula A, Lioutas VA, Thomalla G, Birnbaum L, Machi P, Bernava G, McDermott M, Kleindorfer D, Wong K, Patterson MS, Fiorot JA Jr, Huded V, Mack W, Tenser M, Eskey C, Multani S, Kelly M, Janardhan V, Cornett O, Singh V, Murayama Y, Mokin M, Yang P, Zhang X, Yin C, Han H, Peng Y, Chen W, Crosa R, Frudit ME, Pandian JD, Kulkarni A, Yagita Y, Takenobu Y, Matsumaru Y, Yamada S, Kono R, Kanamaru T, Yamazaki H, Sakaguchi M, Todo K, Yamamoto N, Sonoda K, Yoshida T, Hashimoto H, Nakahara I, Cora E, Volders D, Ducroux C, Shoamanesh A, Ospel J, Kaliae A, Ahmed S, Rashid U, Rebello LC, Pereira VM, Fahed R, Chen M, Sheth SA, Palaodimou L, Tsivgoulis G, Chandra R, Koyfman F, Leung T, Khosravani H, Dharmadhikari S, Frisullo G, Calabresi P, Tsiskaridze A, Lobjanidze N, Grigoryan M, Czlonkowska A, de Sousa DA, Demeestere J, Liang C, Sangha N, Lutsep HL, Ayo-Martín Ó, Cruz-Culebras A, Tran AD, Young CY, Cordonnier C, Caparros F, De Lecinana MA, Fuentes B, Yavagal D, Jovin T, Spelle L, Moret J, Khatri P, Zaidat O, Raymond J, Martins S, Nguyen T. Global impact of COVID-19 on stroke care. *Int J Stroke.* 2021 Jul;16(5):573-584. doi: 10.1177/1747493021991652. Epub 2021 Mar 29. PMID: 33459583;

PMCID: PMC8010375.

145: Deodato F, Macchia G, Buwenge M, Bonetti M, Cilla S, Zamagni A, Re A, Pezzulla D, Cellini F, Strigari L, Valentini V, Morganti AG. Systematic review of stereotactic body radiotherapy for nodal metastases. *Clin Exp Metastasis*. 2021 Feb;38(1):11-29. doi: 10.1007/s10585-020-10071-x. Epub 2021 Jan 16. PMID: 33452954.

146: Bussolin L, Falconi M, Leo MC, Parri N, DE Masi S, Rosati A, Cecchi C, Spacca B, Grandoni M, Bettiol A, Lucenteforte E, Lubrano R, Falsaperla R, Melosi F, Agostiniani R, Mangiantini F, Talamonti G, Calderini E, Mancino A, DE Luca M, Conti G, Petrini F; Guideline Working Group. The management of pediatric severe traumatic brain injury: Italian Guidelines. *Minerva Anestesiol*. 2021 May;87(5):567-579. doi: 10.23736/S0375-9393.20.14122-1. Epub 2021 Jan 12. PMID: 33432789.

147: Mole JA, Tunnard C, Wilson BA, Gainotti G. Selective hyperfamiliarity for voices. *Cortex*. 2021 Mar;136:147-149. doi: 10.1016/j.cortex.2020.12.006. Epub 2021 Jan 5. PMID: 33423789.

148: Thust SC, Maynard JA, Benenati M, Wastling SJ, Mancini L, Jaunmuktane Z, Brandner S, Jäger HR. Regional and Volumetric Parameters for Diffusion-Weighted WHO Grade II and III Glioma Genotyping: A Method Comparison. *AJNR Am J Neuroradiol*. 2021 Mar;42(3):441-447. doi: 10.3174/ajnr.A6965. Epub 2021 Jan 7. PMID: 33414227; PMCID: PMC7959449.

149: Piano C, Bove F, Tufo T, Imbimbo I, Genovese D, Stefani A, Marano M, Peppe A, Brusa L, Cerroni R, Motolese F, Di Stasio E, Mazza M, Daniele A, Olivi A, Calabresi P, Bentivoglio AR; Lazio DBS Study Group. Effects of COVID-19 Lockdown on Movement Disorders Patients With Deep Brain Stimulation: A Multicenter Survey. *Front Neurol*. 2020 Dec 16;11:616550. doi: 10.3389/fneur.2020.616550. PMID: 33391174; PMCID: PMC7772207.

150: La Rocca G, Simboli GA, Vincenzoni F, Rossetti DV, Urbani A, Ius T, Della Pepa GM, Olivi A, Sabatino G, Desiderio C. Glioblastoma CUSA Fluid Protein Profiling: A Comparative Investigation of the Core and Peripheral Tumor Zones. *Cancers (Basel)*. 2020 Dec 23;13(1):30. doi: 10.3390/cancers13010030. PMID: 33374813; PMCID: PMC7795841.

151: Scerrati A, Visani J, Flacco ME, Ricciardi L, Trungu S, Raco A, Dones F, De Bonis P, Sturiale CL. Endovascular Treatment of Ruptured Intracranial Blister Aneurysms: A Systematic Review and Meta-analysis. *AJNR Am J Neuroradiol*. 2021 Mar;42(3):538-545. doi: 10.3174/ajnr.A6924. Epub 2020 Dec 24. PMID: 33361375; PMCID: PMC7959417.

152: Della Pepa GM, Di Bonaventura R, Latour K, Sturiale CL, Marchese E, Puca A, Sabatino G, Albanese A. Combined Use of Color Doppler Ultrasound and Contrast- Enhanced Ultrasound in the Intraoperative Armamentarium for Arteriovenous Malformation Surgery. *World Neurosurg*. 2021 Mar;147:150-156. doi: 10.1016/j.wneu.2020.12.076. Epub 2021 Jan 5. PMID: 33359527.

153: Iaccarino C, Kolia A, Adelson PD, Rubiano AM, Viaroli E, Buki A, Cinalli G, Fountas K, Khan T, Signoretti S, Waran V, Adeleye AO, Amorim R, Bertuccio A, Cama A, Chesnut RM, De Bonis P, Estraneo A, Figaji A, Florian SI, Formisano R, Frassanito P, Gatos C, Germanò A, Giussani C, Hossain I, Kasprzak P, La Porta F, Lindner D, Maas AIR, Paiva W, Palma P, Park KB, Peretta P, Pompucci A, Posti J, Sengupta SK, Sinha A, Sinha V, Stefini R, Talamonti G, Tasiou A, Zona G, Zucchelli M, Hutchinson PJ, Servadei F. Consensus statement from the international consensus meeting on post-traumatic cranioplasty. *Acta Neurochir (Wien)*. 2021 Feb;163(2):423-440. doi: 10.1007/s00701-020-04663-5. Epub 2020 Dec 22. PMID: 33354733; PMCID: PMC7815592.

154: Sadler B, Wilborn J, Antunes L, Kuensting T, Hale AT, Gannon SR, McCall K, Cruchaga C, Harms M, Voisin N, Reymond A, Cappuccio G, Brunetti-Pierri N, Tartaglia M, Niceta M, Leoni C, Zampino G,

- Ashley-Koch A, Urbizu A, Garrett ME, Soldano K, Macaya A, Conrad D, Strahle J, Dobbs MB, Turner TN, Shannon CN, Brockmeyer D, Limbrick DD, Gurnett CA, Haller G. Rare and de novo coding variants in chromodomain genes in Chiari I malformation. *Am J Hum Genet.* 2021 Jan 7;108(1):100-114. doi: 10.1016/j.ajhg.2020.12.001. Epub 2020 Dec 21. Erratum in: *Am J Hum Genet.* 2021 Feb 4;108(2):368. Erratum in: *Am J Hum Genet.* 2021 Mar 4;108(3):530-531. PMID: 33352116; PMCID: PMC7820723.
- 155: Cavallieri F, Fraix V, Bove F, Mulas D, Tondelli M, Castrioto A, Krack P, Meoni S, Schmitt E, Lhommée E, Bichon A, Pélissier P, Chevrier E, Kistner A, Seigneuret E, Chabardès S, Moro E. Predictors of Long-Term Outcome of Subthalamic Stimulation in Parkinson Disease. *Ann Neurol.* 2021 Mar;89(3):587-597. doi: 10.1002/ana.25994. Epub 2021 Jan 9. PMID: 33349939.
- 156: Stumpo V, Latour K, Trevisi G, Valente I, D'Arrigo S, Mangiola A, Olivi A, Sturiale CL. Retrospective Application of UIATS Recommendations to a Multicenter Cohort of Ruptured Intracranial Aneurysms: How It Would Have Oriented the Treatment Choices? *World Neurosurg.* 2021 Mar;147:e262-e271. doi: 10.1016/j.wneu.2020.12.041. Epub 2020 Dec 14. PMID: 33326858.
- 157: Ricciardi L, Raco A, Sturiale CL. Perioperative interruption of antiplatelet medications for elective extradural non-instrumented spine surgery: it is really necessary? *J Neurosurg Sci.* 2021 Oct;65(5):541-542. doi: 10.23736/S0390-5616.20.05251-0. Epub 2020 Dec 15. PMID: 33320472.
- 158: Barba C, Cossu M, Guerrini R, Di Gennaro G, Villani F, De Palma L, Grisotto L, Consales A, Battaglia D, Zamponi N, d'Orio P, Revay M, Rizzi M, Casciato S, Esposito V, Quarato PP, Di Giacomo R, Didato G, Pastori C, Pavia GC, Pellacani S, Matta G, Pacetti M, Tamburrini G, Cesaroni E, Colicchio G, Vatti G, Ascoli S, Caulo M; TLE Study Group, Marras CE, Tassi L. Temporal lobe epilepsy surgery in children and adults: A multicenter study. *Epilepsia.* 2021 Jan;62(1):128-142. doi: 10.1111/epi.16772. Epub 2020 Dec 1. PMID: 33258120.
- 159: Muntoni F, Bertini E, Comi G, Kirschner J, Lusakowska A, Mercuri E, Scoto M, van der Pol WL, Vuillerot C, Burdeska A, El-Khairi M, Fontoura P, Ives J, Gorni K, Reid C, Fuerst-Recktenwald S; OLEOS Study Group. Long-term follow-up of patients with type 2 and non-ambulant type 3 spinal muscular atrophy (SMA) treated with olesoxime in the OLEOS trial. *Neuromuscul Disord.* 2020 Dec;30(12):959-969. doi: 10.1016/j.nmd.2020.10.008. Epub 2020 Nov 5. PMID: 33246887.
- 160: De Liso P, Pironi V, Mastrangelo M, Battaglia D, Craiu D, Trivisano M, Specchio N, Nabbout R, Vigeveno F. Fatal Status Epilepticus in Dravet Syndrome. *Brain Sci.* 2020 Nov 23;10(11):889. doi: 10.3390/brainsci10110889. PMID: 33238377; PMCID: PMC7700506.
- 161: Muzii VF, Rollo G, Rocca G, Erasmo R, Falzarano G, Liuzza F, Bisaccia M, Pica G, Franzese R, Meccariello L. Radiographic and functional outcome of complex acetabular fractures: implications of open reduction in spinopelvic balance, gait and quality of life. *Med Glas (Zenica).* 2021 Feb 1;18(1):273-279. doi: 10.17392/1300-21. PMID: 33219639.
- 162: Barresi V, Simbolo M, Gessi M, Rossi S, Caffo M, Eccher A, Angileri FF, Cannavò S, Brunelli M, Scarpa A. Clinical-Pathological, Immunohistochemical, and Genetic Characterization of a Series of Posterior Pituitary Tumors. *J Neuropathol Exp Neurol.* 2021 Jan 1;80(1):45-51. doi: 10.1093/jnen/nlaa139. PMID: 33212494.
- 163: Nicosia L, Bucpapaj R, Barresi V, Damante R, Napoli G, Ghimenton C, Giaj-Levra N, Cancedda M, Flaminio S, Figlia V, Alongi F. Resected atypical meningioma relapsed to anaplastic meningioma during luteinizing hormone-releasing hormone agonist therapy. *Neurochirurgie.* 2021 Apr;67(2):193-197. doi: 10.1016/j.neuchi.2020.10.002. Epub 2020 Oct 22. PMID: 33190809.
- 164: Chiloire S, Giampietro A, Mirra F, Donfrancesco F, Tartaglione T, Mattogno PP, Angelini F,

Liverana L, Gessi M, Carmelo A, Rindi G, Giustina A, Fleseriu M, Pontecorvi A, De Marinis L, Bianchi A. Pegvisomant and Pasireotide LAR as second line therapy in acromegaly: clinical effectiveness and predictors of response. *Eur J Endocrinol*. 2021 Feb;184(2):217-229. doi: 10.1530/EJE-20-0767. PMID: 33136550.

165: Massimino M, Barretta F, Modena P, Witt H, Minasi S, Pfister SM, Pajtler KW, Antonelli M, Gandola L, Luisa Garrè M, Bertin D, Mastronuzzi A, Mascarin M, Quaglietta L, Viscardi E, Sardi I, Ruggiero A, Pollo B, Buccoliero A, Boschetti L, Schiavello E, Chiapparini L, Erbetta A, Morra I, Gessi M, Donofrio V, Patriarca C, Giangaspero F, Johann P, Buttarelli FR. Second series by the Italian Association of Pediatric Hematology and Oncology of children and adolescents with intracranial ependymoma: an integrated molecular and clinical characterization with a long-term follow-up. *Neuro Oncol*. 2021 May 5;23(5):848-857. doi: 10.1093/neuonc/noaa257. PMID: 33135735; PMCID: PMC8099475.

166: Visconti P, Parodi F, Parodi B, Casarino L, Romano P, Buccarelli M, Pallini R, D'Alessandris QG, Montori A, Pillozzi E, Ricci-Vitiani L. Short tandem repeat profiling for the authentication of cancer stem-like cells. *Int J Cancer*. 2021 Mar 15;148(6):1489-1498. doi: 10.1002/ijc.33370. Epub 2020 Nov 9. PMID: 33128777; PMCID: PMC7894552.

167: Manini I, Caponnetto F, Dalla E, Ius T, Della Pepa GM, Pegolo E, Bartolini A, La Rocca G, Menna G, Di Loreto C, Olivi A, Skrap M, Sabatino G, Cesselli D. Heterogeneity Matters: Different Regions of Glioblastoma Are Characterized by Distinctive Tumor-Supporting Pathways. *Cancers (Basel)*. 2020 Oct 13;12(10):2960. doi: 10.3390/cancers12102960. PMID: 33066172; PMCID: PMC7601979.

168: Giordano M, Caccavella VM, Zaed I, Foglia Manzillo L, Montano N, Olivi A, Polli FM. Comparison between deep brain stimulation and magnetic resonance- guided focused ultrasound in the treatment of essential tremor: a systematic review and pooled analysis of functional outcomes. *J Neurol Neurosurg Psychiatry*. 2020 Dec;91(12):1270-1278. doi: 10.1136/jnnp-2020-323216. Epub 2020 Oct 14. PMID: 33055140.

169: Trevisi G, Sturiale CL, Scerrati A, Rustemi O, Ricciardi L, Raneri F, Tomatis A, Piazza A, Auricchio AM, Stifano V, Romano C, De Bonis P, Mangiola A. Acute subdural hematoma in the elderly: outcome analysis in a retrospective multicentric series of 213 patients. *Neurosurg Focus*. 2020 Oct;49(4):E21. doi: 10.3171/2020.7.FOCUS20437. PMID: 33002873.

170: Ius T, Somma T, Altieri R, Angileri FF, Barbagallo GM, Cappabianca P, Certo F, Cofano F, D'Elia A, Della Pepa GM, Esposito V, Fontanella MM, Germanò A, Garbossa D, Isola M, La Rocca G, Maiuri F, Olivi A, Panciani PP, Pignotti F, Skrap M, Spena G, Sabatino G. Is age an additional factor in the treatment of elderly patients with glioblastoma? A new stratification model: an Italian Multicenter Study. *Neurosurg Focus*. 2020 Oct;49(4):E13. doi: 10.3171/2020.7.FOCUS20420. PMID: 33002864.

171: Parri N, Lenge M, Cantoni B, Arrighini A, Romanengo M, Urbino A, Da Dalt L, Verdoni L, Giaccherio R, Lanari M, Musolino AM, Biban P, La Fauci G, Pilotto C, Buonsenso D, Chiossi M, Agostiniani R, Plebani A, Zampogna S, Barbieri MA, De Masi S, Agostoni C, Masi S; CONFIDENCE RESEARCH GROUP. COVID-19 in 17 Italian Pediatric Emergency Departments. *Pediatrics*. 2020 Dec;146(6):e20201235. doi: 10.1542/peds.2020-1235. Epub 2020 Sep 23. PMID: 32968031.

172: Costa B, Manzoni C, Bernal-Quiros M, Kia DA, Aguilar M, Alvarez I, Alvarez V, Andreassen O, Anfossi M, Bagnoli S, Benussi L, Bernardi L, Binetti G, Blackburn D, Boada M, Borroni B, Bowns L, Bråthen G, Bruni AC, Chiang HH, Clarimon J, Colville S, Conidi ME, Cope TE, Cruchaga C, Cupidi C, Di Battista ME, Diehl-Schmid J, Diez-Fairen M, Dols-Icardo O, Durante E, Flisar D, Frangipane F, Galimberti D, Gallo M, Gallucci M, Ghidoni R, Graff C, Grafman JH, Grossman M, Hardy J, Hernández I, Holloway GJT, Huey ED, Illán-Gala I, Karydas A, Khoshnood B, Kramberger MG, Kristiansen M, Lewis

PA, Lleó A, Madhan GK, Maletta R, Maver A, Menendez-Gonzalez M, Milan G, Miller B, Mol MO, Momeni P, Moreno-Grau S, Morris CM, Nacmias B, Nilsson C, Novelli V, Öijerstedt L, Padovani A, Pal S, Panchbhaya Y, Pastor P, Peterlin B, Piaceri I, Pickering- Brown S, Pijnenburg YAL, Puca AA, Rainero I, Rendina A, Richardson AMT, Rogaeva E, Rogelj B, Rollinson S, Rossi G, Rossmeyer C, Rowe JB, Rubino E, Ruiz A, Sanchez-Valle R, Sando SB, Santillo AF, Saxon J, Scarpini E, Serpente M, Smirne N, Sorbi S, Suh E, Tagliavini F, Thompson JC, Trojanowski JQ, Van Deerlin VM, Van der Zee J, Van Broeckhoven C, van Rooij J, Van Swieten JC, Veronesi A, Vitale E, Waldö ML, Woodward C, Yokoyama J, Escott-Price V, Polke JM, Ferrari R; International FTD-Genetics Consortium. *C9orf72*, age at onset, and ancestry help discriminate behavioral from language variants in FTL cohorts. *Neurology*. 2020 Dec 15;95(24):e3288-e3302. doi: 10.1212/WNL.00000000000010914. Epub 2020 Sep 17. PMID: 32943482; PMCID: PMC7836664.

173: Arcelli A, Buwenge M, Macchia G, Bertini F, Guido A, Deodato F, Cilla S, Scotti V, Rosetto ME, Djan I, Parisi S, Mattiucci GC, Cellini F, Fiore M, Bonomo P, Belgioia L, Niespolo RM, Gabriele P, Di Marco M, Simoni N, Mazzarotto R, Morganti AG; AIRO (Italian Association of Radiation Oncology and Clinical Oncology) Gastrointestinal Study Group. Stereotactic body radiotherapy vs conventionally fractionated chemoradiation in locally advanced pancreatic cancer: A multicenter case-control study (PAULA-1). *Cancer Med*. 2020 Nov;9(21):7879-7887. doi: 10.1002/cam4.3330. Epub 2020 Sep 10. PMID: 32910549; PMCID: PMC7643643.

174: Mattoli MV, Treglia G, Calcagni ML, Mangiola A, Anile C, Trevisi G. Usefulness of Brain Positron Emission Tomography with Different Tracers in the Evaluation of Patients with Idiopathic Normal Pressure Hydrocephalus. *Int J Mol Sci*. 2020 Sep 7;21(18):6523. doi: 10.3390/ijms21186523. PMID: 32906629; PMCID: PMC7555923.

175: La Rocca G, Ius T, Mazzucchi E, Simboli GA, Altieri R, Garbossa D, Acampora A, Auricchio AM, Vincitorio F, Cofano F, Vercelli G, Della Pepa GM, Pignotti F, Albanese A, Marchese E, Sabatino G. Trans-sulcal versus trans-parenchymal approach in supratentorial cavernomas. A multicentric experience. *Clin Neurol Neurosurg*. 2020 Oct;197:106180. doi: 10.1016/j.clineuro.2020.106180. Epub 2020 Aug 25. PMID: 32877767.

176: Marras CE, Colicchio G, De Palma L, De Benedictis A, Di Gennaro G, Cavaliere M, Cesaroni E, Consales A, Asioli S, Caulo M, Villani F, Zamponi N. Health Technology Assessment Report on Vagus Nerve Stimulation in Drug-Resistant Epilepsy. *Int J Environ Res Public Health*. 2020 Aug 24;17(17):6150. doi: 10.3390/ijerph17176150. PMID: 32847092; PMCID: PMC7504285.

177: La Rocca G, Sabatino G, Altieri R, Mazzucchi E, Rapisarda A, Ius T, Garbossa D, Cofano F, Olivi A, Della Pepa GM. Parietal interhemispheric transfalcal transtentorial approach for posterior incisural space lesions: from the lab to the operative room. *Neurosurg Rev*. 2021 Jun;44(3):1779-1788. doi: 10.1007/s10143-020-01375-3. Epub 2020 Aug 25. PMID: 32840722.

178: Pescatori L, Tropeano MP, Visocchi M, Grasso G, Ciappetta P. Cervical Spondylotic Myelopathy: When and Why the Cervical Corpectomy? *World Neurosurg*. 2020 Aug;140:548-555. doi: 10.1016/j.wneu.2020.03.100. PMID: 32797986.

179: Nobre L, Zapotocky M, Khan S, Fukuoka K, Fonseca A, McKeown T, Sumerauer D, Vicha A, Grajkowska WA, Trubicka J, Li KKW, Ng HK, Massimi L, Lee JY, Kim SK, Zelcer S, Vasiljevic A, Faure-Contier C, Hauser P, Lach B, van Veelen-Vincent ML, French PJ, Van Meir EG, Weiss WA, Gupta N, Pollack IF, Hamilton RL, Nageswara Rao AA, Giannini C, Rubin JB, Moore AS, Chambless LB, Vibhakar R, Ra YS, Massimino M, McLendon RE, Wheeler H, Zollo M, Ferruci V, Kumabe T, Faria CC, Sterba J, Jung S, López-Aguilar E, Mora J, Carlotti CG, Olson JM, Leary S, Cain J, Krskova L, Zamecnik J, Hawkins CE, Tabori U, Huang A, Bartels U, Northcott PA, Taylor MD, Yip S, Hansford JR, Bouffet E, Ramaswamy

- V. Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. *Cell Rep Med*. 2020 Jun 23;1(3):100038. doi: 10.1016/j.xcrm.2020.100038. PMID: 32743560; PMCID: PMC7394286.
- 180: Della Pepa GM, Menna G, Ius T, Di Bonaventura R, Altieri R, Marchese E, Olivi A, Sabatino G, La Rocca G. Contrast enhanced ultrasound (CEUS) applications in neurosurgical and neurological settings - New scenarios for brain and spinal cord ultrasonography. A systematic review. *Clin Neurol Neurosurg*. 2020 Nov;198:106105. doi: 10.1016/j.clineuro.2020.106105. Epub 2020 Jul 24. PMID: 32739680.
- 181: Florio M, Capasso L, Olivi A, Vitiello C, Leone A, Liuzza F. 3D - Navigated percutaneous screw fixation of pelvic ring injuries - a pilot study. *Injury*. 2020 Aug;51 Suppl 3:S28-S33. doi: 10.1016/j.injury.2020.07.025. Epub 2020 Jul 10. Erratum in: *Injury*. 2021 Apr;52(4):1103. PMID: 32723529.
- 182: Esposito M, Villaggi E, Bresciani S, Cilla S, Falco MD, Garibaldi C, Russo S, Talamonti C, Stasi M, Mancosu P. Clarifications on our review on estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in- vivo measurement methods: In response to the letter of Kos. *Radiother Oncol*. 2020 Dec;153:320-321. doi: 10.1016/j.radonc.2020.07.001. Epub 2020 Jul 11. PMID: 32663534.
- 183: Mathiesen T, Arraez M, Asser T, Balak N, Barazi S, Bernucci C, Bolger C, Broekman MLD, Demetriades AK, Feldman Z, Fontanella MM, Foroglou N, Lafuente J, Maier AD, Meyer B, Niemelä M, Roche PH, Sala F, Samprón N, Sandvik U, Schaller K, Thome C, Thys M, Tisell M, Vajkoczy P, Visocchi M; EANS Ethico-legal committee. A snapshot of European neurosurgery December 2019 vs. March 2020: just before and during the Covid-19 pandemic. *Acta Neurochir (Wien)*. 2020 Sep;162(9):2221-2233. doi: 10.1007/s00701-020-04482-8. Epub 2020 Jul 8. PMID: 32642834; PMCID: PMC7343382.
- 184: Bove F, Fraix V, Cavallieri F, Schmitt E, Lhommée E, Bichon A, Meoni S, Péliissier P, Kistner A, Chevrier E, Ardouin C, Limousin P, Krack P, Benabid AL, Chabardès S, Seigneuret E, Castrioto A, Moro E. Dementia and subthalamic deep brain stimulation in Parkinson disease: A long-term overview. *Neurology*. 2020 Jul 28;95(4):e384-e392. doi: 10.1212/WNL.0000000000009822. Epub 2020 Jul 1. PMID: 32611633.
- 185: Garzon-Muvdi T, Maxwell R, Luksik A, Kessler R, Weingart J, Olivi A, Bettgowda C, Tamargo R, Brem H, Lim M. Scalp Invasion by Atypical or Anaplastic Meningioma Is a Risk Factor for Development of Systemic Metastasis. *World Neurosurg*. 2020 Oct;142:e133-e139. doi: 10.1016/j.wneu.2020.06.148. Epub 2020 Jun 26. PMID: 32599198.
- 186: Zaed I, Menna G, Caccavella VM, Stumpo V, Giordano M, Caimmi E, Wheeler DR, Tinterri B. Italian Neurosurgical Residents' Experience with Research Activities: A National Survey. *World Neurosurg*. 2020 Oct;142:e101-e110. doi: 10.1016/j.wneu.2020.06.105. Epub 2020 Jun 22. PMID: 32585387.
- 187: Zoia C, Raffa G, Somma T, Della Pepa GM, La Rocca G, Zoli M, Bongetta D, De Divitiis O, Fontanella MM. COVID-19 and neurosurgical training and education: an Italian perspective. *Acta Neurochir (Wien)*. 2020 Aug;162(8):1789-1794. doi: 10.1007/s00701-020-04460-0. Epub 2020 Jun 18. PMID: 32556815; PMCID: PMC7302726.
- 188: Lieverse RIY, Van Limbergen EJ, Oberije CJG, Troost EGC, Hadrup SR, Dingemans AC, Hendriks LEL, Eckert F, Hiley C, Doms C, Lievens Y, de Jong MC, Bussink J, Geets X, Valentini V, Elia G, Neri D, Billiet C, Abdollahi A, Pasquier D, Boisselier P, Yaromina A, De Ruyscher D, Dubois LJ, Lambin P.

Stereotactic ablative body radiotherapy (SABR) combined with immunotherapy (L19-IL2) versus standard of care in stage IV NSCLC patients, ImmunoSABR: a multicentre, randomised controlled open-label phase II trial. *BMC Cancer*. 2020 Jun 15;20(1):557. doi: 10.1186/s12885-020-07055-1. PMID: 32539805; PMCID: PMC7296663.

189: Angileri FF, Sabatino G, Cavallo LM, Pessina F, Ius T, DE Divitiis O, Esposito F, Grimod G, Raffa G, Spina G, Cardali S, Esposito V, Germanò A, Maiuri F, Fontanella M, Cenzato M; Neuro-oncology Section of the Italian Society of Neurosurgery (SINch®). *Natura non facit saltus: a phase 2 proposal to manage brain tumors cases from the Neuro-oncology section of the Italian Society of Neurosurgery (SINch®)*. *J Neurosurg Sci*. 2021 Feb;65(1):1-7. doi: 10.23736/S0390-5616.20.05054-7. Epub 2020 Jun 11. PMID: 32525292.

190: Goranci-Buzhala G, Mariappan A, Gabriel E, Ramani A, Ricci-Vitiani L, Buccarelli M, D'Alessandris QG, Pallini R, Gopalakrishnan J. *Rapid and Efficient Invasion Assay of Glioblastoma in Human Brain Organoids*. *Cell Rep*. 2020 Jun 9;31(10):107738. doi: 10.1016/j.celrep.2020.107738. PMID: 32521263.

191: Edvinsson JCA, Viganò A, Alekseeva A, Alieva E, Arruda R, De Luca C, D'Ettore N, Frattale I, Kurnukhina M, Macerola N, Malenkova E, Maiorova M, Novikova A, Řehulka P, Rapaccini V, Roshchina O, Vanderschueren G, Zvaune L, Andreou AP, Haanes KA; European Headache Federation School of Advanced Studies (EHF-SAS). *The fifth cranial nerve in headaches*. *J Headache Pain*. 2020 Jun 5;21(1):65. doi: 10.1186/s10194-020-01134-1. PMID: 32503421; PMCID: PMC7275328.

192: Deodato F, Ferro M, Cilla S, Ianaro A, Buwenge M, Re A, Sallustio G, Valentini V, Morganti AG, Macchia G. *Stereobody radiotherapy for nodal recurrences in oligometastatic patients: a pooled analysis from two phase I clinical trials*. *Clin Exp Metastasis*. 2020 Aug;37(4):519-529. doi: 10.1007/s10585-020-10039-x. Epub 2020 Jun 3. PMID: 32495238.

193: Parri N, Magistà AM, Marchetti F, Cantoni B, Arrighini A, Romanengo M, Felici E, Urbino A, Da Dalt L, Verdoni L, Armocida B, Covi B, Mariani I, Giaccherio R, Musolino AM, Binotti M, Biban P, Fasoli S, Pilotto C, Nicoloso F, Raggi M, Miorin E, Buonsenso D, Chiossi M, Agostiniani R, Plebani A, Barbieri MA, Lanari M, Arrigo S, Zoia E, Lenge M, Masi S, Barbi E, Lazzerini M; CONFIDENCE and COVID-19 Italian Pediatric Study Networks. *Characteristic of COVID-19 infection in pediatric patients: early findings from two Italian Pediatric Research Networks*. *Eur J Pediatr*. 2020 Aug;179(8):1315-1323. doi: 10.1007/s00431-020-03683-8. Epub 2020 Jun 3. PMID: 32495147; PMCID: PMC7269687.

194: Ferrone G, Tamburello E, Nestorini R, Concina G, Chierichini A, Rossi M, Vergari A. *Dexmedetomidine sedation associated with suprainguinal fascia iliaca block for hip fracture surgery in high risk elderly patients*. *J Biol Regul Homeost Agents*. 2020 Mar-Apr;34(2):687-690. doi: 10.23812/19-501-L-4. PMID: 32466634.

195: Esposito M, Villaggi E, Bresciani S, Cilla S, Falco MD, Garibaldi C, Russo S, Talamonti C, Stasi M, Mancosu P. *Estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in-vivo measurement methods*. *Radiother Oncol*. 2020 Aug;149:158-167. doi: 10.1016/j.radonc.2020.05.014. Epub 2020 May 19. PMID: 32416282.

196: Stumpo V, Latour K, Traylor JL, Staartjes VE, Giordano M, Caccavella VM, Olivi A, Ricciardi L, Signorelli F. *Medical Student Interest and Recruitment in Neurosurgery*. *World Neurosurg*. 2020 Sep;141:448-454.e6. doi: 10.1016/j.wneu.2020.04.248. Epub 2020 May 11. PMID: 32407916.

197: Prince E, Whelan R, Donson A, Staulcup S, Hengartner A, Vijmasi T, Agwu C, Lillehei KO, Foreman NK, Johnston JM, Massimi L, Anderson RCE, Souweidane MM, Naftel RP, Limbrick DD, Grant G, Niazi TN, Dudley R, Kilburn L, Jackson EM, Jallo GI, Ginn K, Smith A, Chern JJ, Lee A, Drapeau A, Krieger MD,

Handler MH, Hankinson TC; Advancing Treatment for Pediatric Craniopharyngioma Consortium. Transcriptional analyses of adult and pediatric adamantinomatous craniopharyngioma reveals similar expression signatures regarding potential therapeutic targets. *Acta Neuropathol Commun.* 2020 May 13;8(1):68. doi: 10.1186/s40478-020-00939-0. PMID: 32404202; PMCID: PMC7222517.

198: Fontanella MM, De Maria L, Zanin L, Saraceno G, Terzi di Bergamo L, Servadei F, Chaurasia B, Olivi A, Vajkoczy P, Schaller K, Cappabianca P, Doglietto F. Neurosurgical Practice During the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Pandemic: A Worldwide Survey. *World Neurosurg.* 2020 Jul;139:e818-e826. doi: 10.1016/j.wneu.2020.04.204. Epub 2020 May 5. PMID: 32380337; PMCID: PMC7198421.

199: Rudà R, Angileri FF, Ius T, Silvani A, Sarubbo S, Solari A, Castellano A, Falini A, Pollo B, Del Basso De Caro M, Papagno C, Minniti G, De Paula U, Navarra P, Nicolato A, Salmaggi A, Pace A, Fabi A, Caffo M, Lombardi G, Carapella CM, Spena G, Iacoangeli M, Fontanella M, Germanò AF, Olivi A, Bello L, Esposito V, Skrap M, Soffietti R; SINch Neuro-Oncology Section, AINO and SIN Neuro-Oncology Section. Italian consensus and recommendations on diagnosis and treatment of low-grade gliomas. An intersociety (SINch/AINO/SIN) document. *J Neurosurg Sci.* 2020 Aug;64(4):313-334. doi: 10.23736/S0390-5616.20.04982-6. Epub 2020 Apr 29. PMID: 32347684.

200: Stifano V, Leone A, Revelli L, Tosi F, Visocchi M. Extremely Late Recovery of Unusual Cervical Ankylosing Spondylitis-Related Dysphagia: Anesthesiologic, Surgical, and Pathophysiological Considerations, and Review of the Literature. *World Neurosurg.* 2020 Jul;139:97-100. doi: 10.1016/j.wneu.2020.04.031. Epub 2020 Apr 16. PMID: 32305610.

201: Justice CM, Cuellar A, Bala K, Sabourin JA, Cunningham ML, Crawford K, Phipps JM, Zhou Y, Cilliers D, Byren JC, Johnson D, Wall SA, Morton JEV, Noons P, Sweeney E, Weber A, Rees KEM, Wilson LC, Simeonov E, Kaneva R, Yaneva N, Georgiev K, Bussarsky A, Senders C, Zwienerberg M, Boggan J, Roscioli T, Tamburrini G, Barba M, Conway K, Sheffield VC, Brody L, Mills JL, Kay D, Sicko RJ, Langlois PH, Tittle RK, Botto LD, Jenkins MM, LaSalle JM, Lattanzi W, Wilkie AOM, Wilson AF, Romitti PA, Boyadjiev SA; National Birth Defects Prevention Study. A genome-wide association study implicates the BMP7 locus as a risk factor for nonsyndromic metopic craniosynostosis. *Hum Genet.* 2020 Aug;139(8):1077-1090. doi: 10.1007/s00439-020-02157-z. Epub 2020 Apr 7. PMID: 32266521; PMCID: PMC7415527.

202: La Rocca G, Barresi V, Sabatino G, Altieri R, Ius T, Olivi A, Mazzucchi E, Pignotti F, Della Pepa GM. 5-ALA False-Positive in Anaplastic Oligodendroglioma, IDH-mutant and 1p/19q-codeleted. *Surg Technol Int.* 2020 May 28;36:453-456. PMID: 32243563.

203: La Rocca G, Della Pepa GM, Gaudino S, Sabatino G, Zoia C, Raffa G, Altieri R, Mazzucchi E. Cortical Laminar Necrosis as a Result of Status Epilepticus After Resection of Parafalcine Meningioma. *Surg Technol Int.* 2020 May 28;36:159-177. PMID: 32243562.

204: Ciaramitaro P, Garbossa D, Peretta P, Piatelli G, Massimi L, Valentini L, Migliaretti G, Baldovino S, Roccatello D, Kodra Y, Taruscio D; Interregional Chiari and Syringomyelia Consortium; on behalf of the Interregional Chiari and Syringomyelia Consortium. Syringomyelia and Chiari Syndrome Registry: advances in epidemiology, clinical phenotypes and natural history based on a North Western Italy cohort. *Ann Ist Super Sanita.* 2020 Jan-Mar;56(1):48-58. doi: 10.4415/ANN_20_01_08. PMID: 32242535.

205: Falkenstein F, Gessi M, Kandels D, Ng HK, Schmidt R, Warmuth-Metz M, Bison B, Krauss J, Kortmann RD, Timmermann B, Thomale UW, Albert MH, Pekrun A, Maaß E, Gnekow AK, Pietsch T. Prognostic impact of distinct genetic entities in pediatric diffuse glioma WHO-grade II-Report from the

German/Swiss SIOP-LGG 2004 cohort. *Int J Cancer*. 2020 Oct 15;147(8):2159-2175. doi: 10.1002/ijc.32995. Epub 2020 May 1. PMID: 32239677.

206: Zhang QW, Zhang CH, Pan YB, Biondi A, Fico V, Persiani R, Wu S, Gao YJ, Chen HM, Shi OM, Ge ZZ, Li XB. Prognosis of colorectal cancer patients is associated with the novel log odds of positive lymph nodes scheme: derivation and external validation. *J Cancer*. 2020 Jan 16;11(7):1702-1711. doi: 10.7150/jca.38180. PMID: 32194782; PMCID: PMC7052858.

207: Della Pepa GM, Ius T, La Rocca G, Gaudino S, Isola M, Pignotti F, Rapisarda A, Mazzucchi E, Giordano C, Dragonetti V, Chiesa S, Balducci M, Gessi M, Skrap M, Olivi A, Marchese E, Sabatino G. 5-Aminolevulinic Acid and Contrast-Enhanced Ultrasound: The Combination of the Two Techniques to Optimize the Extent of Resection in Glioblastoma Surgery. *Neurosurgery*. 2020 Jun 1;86(6):E529-E540. doi: 10.1093/neuros/nyaa037. PMID: 32186345.

208: Gainotti G, Bonni S, Maiella M, Carretta J, Zigiotta L, Sarubbo S, Papagno C. A Case of Right Temporal Lobectomy for Brain Tumor With Selective Semantic Pictorial Disorder. *Cogn Behav Neurol*. 2020 Mar;33(1):52-62. doi: 10.1097/WNN.0000000000000220. PMID: 32132403.

209: Fokkens WJ, Lund VJ, Hopkins C, Hellings PW, Kern R, Reitsma S, Toppila-Salmi S, Bernal-Sprekelsen M, Mullol J, Alobid I, Terezinha Anselmo-Lima W, Bachert C, Baroody F, von Buchwald C, Cervin A, Cohen N, Constantinidis J, De Gabory L, Desrosiers M, Diamant Z, Douglas RG, Gevaert PH, Hafner A, Harvey RJ, Joos GF, Kalogjera L, Knill A, Kocks JH, Landis BN, Limpens J, Lebeer S, Lourenco O, Meco C, Matricardi PM, O'Mahony L, Philpott CM, Ryan D, Schlosser R, Senior B, Smith TL, Teeling T, Tomazic PV, Wang DY, Wang D, Zhang L, Agius AM, Ahlstrom-Emanuelsson C, Alabri R, Albu S, Alhabash S, Aleksic A, Aloulah M, Al-Qudah M, Alsaleh S, Baban MA, Baudoin T, Balvers T, Battaglia P, Bedoya JD, Beule A, Bofares KM, Braverman I, Brozek-Madry E, Richard B, Callejas C, Carrie S, Caulley L, Chussi D, de Corso E, Coste A, El Hadi U, Elfarouk A, Eloy PH, Farrokhi S, Felisati G, Ferrari MD, Fishchuk R, Grayson W, Goncalves PM, Grdnic B, Grgic V, Hamizan AW, Heinichen JV, Husain S, Ping TI, Ivaska J, Jakimovska F, Jovancevic L, Kakande E, Kamel R, Karpischenko S, Kariyawasam HH, Kawauchi H, Kjeldsen A, Klimek L, Krzeski A, Kopacheva Barsova G, Kim SW, Lal D, Letort JJ, Lopatin A, Mahdjoubi A, Mesbahi A, Netkovski J, Nyenbue Tshipukane D, Obando-Valverde A, Okano M, Onerci M, Ong YK, Orlandi R, Otori N, Ouennoughy K, Ozkan M, Peric A, Plzak J, Prokopakis E, Prepageran N, Psaltis A, Pugin B, Raftopoulos M, Rombaux P, Riechelmann H, Sahtout S, Sarafoleanu CC, Searyoh K, Rhee CS, Shi J, Shkoukani M, Shukuryan AK, Sicak M, Smyth D, Sindvongs K, Soklic Kosak T, Stjarne P, Sutikno B, Steinsvag S, Tantilipikorn P, Thanaviratnanich S, Tran T, Urbancic J, Valiulius A, Vasquez de Aparicio C, Vicheva D, Virkkula PM, Vicente G, Voegels R, Wagenmann MM, Wardani RS, Welge-Lussen A, Witterick I, Wright E, Zabolotniy D, Zsolt B, Zwetsloot CP. European Position Paper on Rhinosinusitis and Nasal Polyps 2020. *Rhinology*. 2020 Feb 20;58(Suppl S29):1-464. doi: 10.4193/Rhin20.600. PMID: 32077450.

210: Meduri B, Gregucci F, D'Angelo E, Alitto AR, Ciurlia E, Desideri I, Marino L, Borghetti P, Fiore M, Fiorentino A; AIRO Giovani -Italian Association of Radiation Oncology-Young Members. Volume de-escalation in radiation therapy: state of the art and new perspectives. *J Cancer Res Clin Oncol*. 2020 Apr;146(4):909-924. doi: 10.1007/s00432-020-03152-7. Epub 2020 Feb 18. PMID: 32072318.

211: La Rocca G, Sabatino G, Menna G, Altieri R, Ius T, Marchese E, Olivi A, Barresi V, Della Pepa GM. 5-Aminolevulinic Acid False Positives in Cerebral Neuro-Oncology: Not All That Is Fluorescent Is Tumor. A Case-Based Update and Literature Review. *World Neurosurg*. 2020 May;137:187-193. doi: 10.1016/j.wneu.2020.01.238. Epub 2020 Feb 10. PMID: 32058110.

212: Ius T, Pignotti F, Della Pepa GM, La Rocca G, Somma T, Isola M, Battistella C, Gaudino S, Polano M, Dal Bo M, Bagatto D, Pegolo E, Chiesa S, Arcicasa M, Olivi A, Skrap M, Sabatino G. A Novel

Comprehensive Clinical Stratification Model to Refine Prognosis of Glioblastoma Patients Undergoing Surgical Resection. *Cancers (Basel)*. 2020 Feb 7;12(2):386. doi: 10.3390/cancers12020386. PMID: 32046132; PMCID: PMC7072471.

213: Umana GE, Visocchi M, Scalia G, Passanisi M, Fricia M, Fagone S, Nicoletti G, Cicero S. Minimally invasive percutaneous anterior odontoid screw fixation: institutional experience with a simple and effective technique. *J Neurosurg Sci*. 2020 Feb 10. doi: 10.23736/S0390-5616.20.04886-9. Epub ahead of print. PMID: 32043851.

214: Macchia G, Lazzari R, Colombo N, Laliscia C, Capelli G, D'Agostino GR, Deodato F, Maranzano E, Ippolito E, Ronchi S, Paiar F, Scorsetti M, Cilla S, Ingargiola R, Huscher A, Cerrotta AM, Fodor A, Vicenzi L, Russo D, Borghesi S, Perrucci E, Pignata S, Aristei C, Morganti AG, Scambia G, Valentini V, Jereczek-Fossa BA, Ferrandina G. A Large, Multicenter, Retrospective Study on Efficacy and Safety of Stereotactic Body Radiotherapy (SBRT) in Oligometastatic Ovarian Cancer (MITO RT1 Study): A Collaboration of MITO, AIRO GYN, and MaNGO Groups. *Oncologist*. 2020 Feb;25(2):e311-e320. doi: 10.1634/theoncologist.2019-0309. Epub 2019 Oct 10. PMID: 32043791; PMCID: PMC7011643.

215: Ius T, Pignotti F, Della Pepa GM, Bagatto D, Isola M, Battistella C, Gaudino S, Pegolo E, Chiesa S, Arcicasa M, La Rocca G, Olivi A, Skrap M, Sabatino G. Glioblastoma: from volumetric analysis to molecular predictors. *J Neurosurg Sci*. 2022 Jun;66(3):173-186. doi: 10.23736/S0390-5616.20.04850-X. Epub 2020 Feb 4. PMID: 32031360.

216: Monticelli M, Zeppa P, Altieri R, Veneziani Santonio F, Cofano F, Melcarne A, Junemann CV, Zenga F, Sabatino G, La Rocca G, Della Pepa GM, Ducati A, Garbossa D. Exploring the anatomy of negative motor areas (NMAs): Findings in awake surgery. *J Clin Neurosci*. 2020 Mar;73:219-223. doi: 10.1016/j.jocn.2020.01.049. Epub 2020 Jan 27. PMID: 32001111.

217: Guerdoux-Ninot E, Bauchet L, Legninda Sop FY, Gourgou S, Gomez A, Gerazime A, Darlix A, Ninot G. Prospective memory and brain metastases: a relevant target for rehabilitation in post-operative patients? *J Neurooncol*. 2020 Mar;147(1):185-194. doi: 10.1007/s11060-020-03414-x. Epub 2020 Jan 30. PMID: 31997234.

218: Natalini D, Ganau M, Rosenkranz R, Petrinic T, Fitzgibbon K, Antonelli M, Prisco L. Comparison of the Asleep-Awake-Asleep Technique and Monitored Anesthesia Care During Awake Craniotomy: A Systematic Review and Meta-analysis. *J Neurosurg Anesthesiol*. 2022 Jan 1;34(1):e1-e13. doi: 10.1097/ANA.0000000000000675. PMID: 31972627.

219: Della Pepa GM, Ius T, Menna G, La Rocca G, Battistella C, Rapisarda A, Mazzucchi E, Pignotti F, Alexandre A, Marchese E, Olivi A, Sabatino G. "Dark corridors" in 5-ALA resection of high-grade gliomas: combining fluorescence-guided surgery and contrast-enhanced ultrasonography to better explore the surgical field. *J Neurosurg Sci*. 2019 Dec;63(6):688-696. doi: 10.23736/S0390-5616.19.04862-8. PMID: 31961118.

220: La Rocca G, Della Pepa GM, Menna G, Altieri R, Ius T, Rapisarda A, Olivi A, Sabatino G. State of the art of fluorescence guided techniques in neurosurgery. *J Neurosurg Sci*. 2019 Dec;63(6):619-624. doi: 10.23736/S0390-5616.19.04854-9. PMID: 31961115.

221: Arcelli A, Guido A, Buwenge M, Simoni N, Mazzarotto R, Macchia G, Deodato F, Cilla S, Bonomo P, Scotti V, Belgioia L, Tolento G, Cellini F, Grassi E, Di Marco M, Casadei R, Morganti AG, Cammelli S. Higher Biologically Effective Dose Predicts Survival in SBRT of Pancreatic Cancer: A Multicentric Analysis (PAULA-1). *Anticancer Res*. 2020 Jan;40(1):465-472. doi: 10.21873/anticancer.13975. PMID: 31892602.

- 222: Mazzucchi E, La Rocca G, Ius T, Sabatino G, Della Pepa GM. Multimodality Imaging Techniques to Assist Surgery in Low-Grade Gliomas. *World Neurosurg.* 2020 Jan;133:423-425. doi: 10.1016/j.wneu.2019.10.120. PMID: 31881559.
- 223: Barba C, Cross JH, Braun K, Cossu M, Klotz KA, De Masi S, Perez Jiménez MA, Gaily E, Specchio N, Cabral P, Toulouse J, Dimova P, Battaglia D, Freri E, Consales A, Cesaroni E, Tarta-Arsene O, Gil-Nagel A, Mindruta I, Di Gennaro G, Giulioni M, Tisdall MM, Eltze C, Tahir MZ, Jansen F, van Rijen P, Sanders M, Tassi L, Francione S, Lo Russo G, Jacobs J, Bast T, Matta G, Budke M, Fournier Del Castillo C, Metsahonkala EL, Karppinen A, Ferreira JC, Minkin K, Marras CE; European Survey Group, Arzimanoglou A, Guerrini R. Trends in pediatric epilepsy surgery in Europe between 2008 and 2015: Country-, center-, and age-specific variation. *Epilepsia.* 2020 Feb;61(2):216-227. doi: 10.1111/epi.16414. Epub 2019 Dec 26. PMID: 31876960.
- 224: Limbucci N, Cirelli C, Valente I, Nappini S, Renieri L, Laiso A, Rosi A, Amadori T, Amadori A, Mangiafico S. Y-Stenting Versus PulseRider-Assisted Coiling in the Treatment of Wide-Neck Bifurcation Aneurysms: Role of Anatomical Features on Midterm Results. *Neurosurgery.* 2020 Aug 1;87(2):329-337. doi: 10.1093/neuros/nyz490. PMID: 31792499.
- 225: Lazzarino G, Amorini AM, Signoretti S, Musumeci G, Lazzarino G, Caruso G, Pastore FS, Di Pietro V, Tavazzi B, Belli A. Pyruvate Dehydrogenase and Tricarboxylic Acid Cycle Enzymes Are Sensitive Targets of Traumatic Brain Injury Induced Metabolic Derangement. *Int J Mol Sci.* 2019 Nov 16;20(22):5774. doi: 10.3390/ijms20225774. PMID: 31744143; PMCID: PMC6888669.
- 226: La Rocca G, Della Pepa GM, Pignotti F, Albanese A, Altieri R, Acampora A, Simboli GA, Olivi A, Marchese E, Sabatino G. Improving the Accuracy of Neuronavigation in Cerebral Cavernous Malformation: A Technical Note on 68 Cases. *Surg Technol Int.* 2019 Nov 10;35:447-454. PMID: 31687783.
- 227: Ferraro D, Annovazzi P, Moccia M, Lanzillo R, De Luca G, Nociti V, Fantozzi R, Paolicelli D, Ragone P, Gajofatto A, Boffa L, Cavalla P, Lo Fermo S, Buscarinu MC, Loreface L, Cordioli C, Calabrese M, Gallo A, Pinardi F, Tortorella C, Di Filippo M, Camera V, Maniscalco GT, Radaelli M, Buttari F, Tomassini V, Cocco E, Gasperini C, Solaro C; RIREMS (Rising Researchers in Multiple Sclerosis). Characteristics and treatment of Multiple Sclerosis-related trigeminal neuralgia: An Italian multi-centre study. *Mult Scler Relat Disord.* 2020 Jan;37:101461. doi: 10.1016/j.msard.2019.101461. Epub 2019 Oct 19. PMID: 31678859.
- 228: Buti S, Bersanelli M, Viansone A, Leonetti A, Masini C, Ratta R, Procopio G, Maines F, Iacovelli R, Ciccicarese C, Vitale MG, De Giorgi U, Mucciarini C, Maruzzo M, Prati G, Lattanzi E, Ciammella P, Bruni A, Andreani S, D'Abbiero N. Treatment Outcome of metastatic lesions from renal cell carcinoma underGoing Extra-cranial stereotactic body radioTHERapy: The together retrospective study. *Cancer Treat Res Commun.* 2020;22:100161. doi: 10.1016/j.ctarc.2019.100161. Epub 2019 Sep 29. PMID: 31677494.
- 229: Cellini F, Manfrida S, Deodato F, Cilla S, Maranzano E, Pergolizzi S, Arcidiacono F, Di Franco R, Pastore F, Muto M, Borzillo V, Donati CM, Siepe G, Parisi S, Salatino A, D'Agostino A, Montesi G, Santacaterina A, Fusco V, Santarelli M, Gambacorta MA, Corvò R, Morganti AG, Masiello V, Muto P, Valentini V. Pain REduction with bone metastases STereotactic radiotherapy (PREST): A phase III randomized multicentric trial. *Trials.* 2019 Oct 28;20(1):609. doi: 10.1186/s13063-019-3676-x. PMID: 31661034; PMCID: PMC6816218.
- 230: Altieri R, Melcarne A, Soffietti R, Rudá R, Franchino F, Pellerino A, La Rocca G, Sabatino G, Olivi A, Ducati A, Zeppa P, Tardivo V, Mantovani C, Chiovatero I, Martini S, Dolce P, Savastano R, Lanotte MM,

Zenga F, Garbossa D. Supratotal Resection of Glioblastoma: Is Less More? *Surg Technol Int.* 2019 Nov 10;35:432-440. PMID: 31373379.

231: Marchese E, Della Pepa GM, La Rocca G, Albanese A, Ius T, Simboli GA, Sabatino G. Application of indocyanine green video angiography in vascular neurosurgery. *J Neurosurg Sci.* 2019 Dec;63(6):656-660. doi: 10.23736/S0390-5616.19.04753-2. Epub 2019 Jul 23. PMID: 31339116.

232: Sin-Chan P, Mumal I, Suwal T, Ho B, Fan X, Singh I, Du Y, Lu M, Patel N, Torchia J, Popovski D, Fouladi M, Guilhamon P, Hansford JR, Leary S, Hoffman LM, Mulcahy Levy JM, Lassaletta A, Solano-Paez P, Rivas E, Reddy A, Gillespie GY, Gupta N, Van Meter TE, Nakamura H, Wong TT, Ra YS, Kim SK, Massimi L, Grundy RG, Fangusaro J, Johnston D, Chan J, Lafay-Cousin L, Hwang EI, Wang Y, Catchpoole D, Michaud J, Ellezam B, Ramanujachar R, Lindsay H, Taylor MD, Hawkins CE, Bouffet E, Jabado N, Singh SK, Kleinman CL, Barsyte-Lovejoy D, Li XN, Dirks PB, Lin CY, Mack SC, Rich JN, Huang A. A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. *Cancer Cell.* 2019 Jul 8;36(1):51-67.e7. doi: 10.1016/j.ccell.2019.06.002. PMID: 31287992.

233: Della Pepa GM, Sabatino G, la Rocca G. "Enhancing Vision" in High Grade Glioma Surgery: A Feasible Integrated 5-ALA + CEUS Protocol to Improve Radicality. *World Neurosurg.* 2019 Sep;129:401-403. doi: 10.1016/j.wneu.2019.06.127. Epub 2019 Jun 21. PMID: 31229752.

234: Peraio S, Amen MM, Ali NM, Zaher A, Mohamed Taha AN, Tamburrini G. Corrigendum to 'Endoscopic Management of Pediatric Complex Hydrocephalus' [*World Neurosurgery* 119 (2018) e482-e490]. *World Neurosurg.* 2019 Jun;126:706. doi: 10.1016/j.wneu.2019.02.119. Epub 2019 Apr 6. Erratum for: *World Neurosurg.* 2018 Nov;119:e482-e490. PMID: 30967350.

235: Montano N, Gaudino S, Giordano C, Pignotti F, Ioannoni E, Rapisarda A, Olivi A. Possible Prognostic Role of Magnetic Resonance Imaging Findings in Patients with Trigeminal Neuralgia and Multiple Sclerosis Who Underwent Percutaneous Balloon Compression: Report of Our Series and Literature Review. *World Neurosurg.* 2019 May;125:e575-e581. doi: 10.1016/j.wneu.2019.01.134. Epub 2019 Feb 1. PMID: 30716488.

236: Frakulli R, Buwenge M, Macchia G, Cammelli S, Deodato F, Cilla S, Cellini F, Mattiucci GC, Bisello S, Brandi G, Parisi S, Morganti AG. Stereotactic body radiation therapy in cholangiocarcinoma: a systematic review. *Br J Radiol.* 2019 May;92(1097):20180688. doi: 10.1259/bjr.20180688. Epub 2019 Feb 7. PMID: 30673295; PMCID: PMC6580923.

237: Proietti L, Ricciardi L, Noia G, Barone G, Valenzi E, Perna A, Giannelli I, Scaramuzzo L, Visocchi M, Papacci F, Tamburrelli FC. Extensive Spinal Epidural Abscesses Resolved with Minimally Invasive Surgery: Two Case Reports and Review of the Recent Literature. *Acta Neurochir Suppl.* 2019;125:345-353. doi: 10.1007/978-3-319-62515-7_50. PMID: 30610344.

238: Massimi L, Frassanito P, Chieffo D, Tamburrini G, Caldarelli M. Bony Decompression for Chiari Malformation Type I: Long-Term Follow-Up. *Acta Neurochir Suppl.* 2019;125:119-124. doi: 10.1007/978-3-319-62515-7_17. PMID: 30610311.

239: Staglianò S, D'Arco F, Tan AP, Jeelani O, Morana G, Mankad K. Haemostatic material (Surgicel®) mimicking residual tumour: magnetic resonance imaging findings in operated pediatric neuro-oncology cases. *Quant Imaging Med Surg.* 2018 Oct;8(9):971-978. doi: 10.21037/qims.2018.09.04. PMID: 30505725; PMCID: PMC6218210.

240: Consoli A, Zanotti B, Carbotta G, Franco G, Galati F, Galati F, Postorino P, Micieli G, Mangiafico S,

- Toni D, Consoli D; SNO (Società Italiana di Neuroscienze Ospedaliere) iCoNe2 Study Group. Italian census on neurosciences: the ICoNe2 study. *Neurol Sci*. 2019 Feb;40(2):371-376. doi: 10.1007/s10072-018-3649-y. Epub 2018 Nov 23. PMID: 30471017.
- 241: Coraci D, Giovannini S, Gentile L, Cordenonssi JT, Padua L. "It is not what it seems." Ultrasound findings in a case of unusual iatrogenic ulnar nerve damage. *Childs Nerv Syst*. 2019 Feb;35(2):201-203. doi: 10.1007/s00381-018-3992-6. Epub 2018 Oct 18. PMID: 30338359.
- 242: Deodato F, Macchia G, Cilla S, Ianiro A, Sallustio G, Cammelli S, Buwenge M, Mattiucci GC, Valentini V, Morganti AG. Dose escalation in extracranial stereotactic ablative radiotherapy (DESTROY-1): A multiarm Phase I trial. *Br J Radiol*. 2019 Feb;92(1094):20180422. doi: 10.1259/bjr.20180422. Epub 2018 Nov 1. PMID: 30325662; PMCID: PMC6404833.
- 243: Ciabatti S, Cammelli S, Frakulli R, Arcelli A, Macchia G, Deodato F, Cilla S, Giaccherini L, Buwenge M, Morganti AG. Radiotherapy of pancreatic cancer in older patients: A systematic review. *J Geriatr Oncol*. 2019 Jul;10(4):534-539. doi: 10.1016/j.jgo.2018.09.007. Epub 2018 Sep 28. PMID: 30270196.
- 244: Massimino M, Barretta F, Modena P, Giangaspero F, Chiapparini L, Erbetta A, Boschetti L, Antonelli M, Ferroli P, Bertin D, Pecori E, Biassoni V, Garrè ML, Schiavello E, Sardi I, Viscardi E, Scarzello G, Mascarini M, Quaglietta L, Cinalli G, Genitori L, Peretta P, Mussano A, Barra S, Mastronuzzi A, Giussani C, Marras CE, Balter R, Bertolini P, Tornesello A, La Spina M, Buttarelli FR, Ruggiero A, Caldarelli M, Poggi G, Gandola L. Pediatric intracranial ependymoma: correlating signs and symptoms at recurrence with outcome in the second prospective AIEOP protocol follow-up. *J Neurooncol*. 2018 Nov;140(2):457-465. doi: 10.1007/s11060-018-2974-6. Epub 2018 Aug 14. PMID: 30109673.
- 245: Trevisi G, Eickhoff SB, Chowdhury F, Jha A, Rodionov R, Nowell M, Miserocchi A, McEvoy AW, Nachev P, Diehl B. Probabilistic electrical stimulation mapping of human medial frontal cortex. *Cortex*. 2018 Dec;109:336-346. doi: 10.1016/j.cortex.2018.06.015. Epub 2018 Jul 6. PMID: 30057247; PMCID: PMC6259584.
- 246: Visconti G, Pagliara D, Bianchi A, La Rocca G, Olivi A, Salgarello M. Successful Treatment of Pneumocephalus Using a Free-Style Chimeric Free Flap From a Scarred Thigh. *J Craniofac Surg*. 2018 Oct;29(7):e658-e660. doi: 10.1097/SCS.00000000000004715. PMID: 29944558.
- 247: Altamura C, Lucchiari S, Sahbani D, Ulzi G, Comi GP, D'Ambrosio P, Petillo R, Politano L, Vercelli L, Mongini T, Dotti MT, Cardani R, Meola G, Lo Monaco M, Matthews E, Hanna MG, Carratù MR, Conte D, Imbrici P, Desaphy JF. The analysis of myotonia congenita mutations discloses functional clusters of amino acids within the CBS2 domain and the C-terminal peptide of the CIC-1 channel. *Hum Mutat*. 2018 Sep;39(9):1273-1283. doi: 10.1002/humu.23581. Epub 2018 Jul 4. PMID: 29935101.
- 248: Ehresman JS, Mampre D, Rogers D, Olivi A, Quinones-Hinojosa A, Chaichana KL. Volumetric tumor growth rates of meningiomas involving the intracranial venous sinuses. *Acta Neurochir (Wien)*. 2018 Aug;160(8):1531-1538. doi: 10.1007/s00701-018-3571-3. Epub 2018 Jun 4. PMID: 29869111.
- 249: Monticelli M, Zeppa P, Zenga F, Altieri R, Mammi M, Bertero L, Castellano I, Cassoni P, Melcarne A, La Rocca G, Sabatino G, Ducati A, Garbossa D. The post-surgical era of GBM: How molecular biology has impacted on our clinical management. A review. *Clin Neurol Neurosurg*. 2018 Jul;170:120-126. doi: 10.1016/j.clineuro.2018.05.015. PMID: 29777944.
- 250: De Bonis P, Olei S, Mongardi L, Cavallo MA, Santantonio M, Trevisi G, Anile C, Mangiola A. Chronic subdural hematoma in patients aged 80 years and older: A two-centre study. *Clin Neurol Neurosurg*. 2018 Jul;170:88-92. doi: 10.1016/j.clineuro.2018.05.002. Epub 2018 May 3. PMID: 29753169.

- 251: Fantoni C, Erra C, Fernandez Marquez EM, Ortensi A, Faiola A, Coraci D, Piccinini G, Padua L. Ultrasound Diagnosis of Postoperative Complications of Nerve Repair. *World Neurosurg.* 2018 Jul;115:320-323. doi: 10.1016/j.wneu.2018.04.179. Epub 2018 May 3. PMID: 29730097.
- 252: Valentini L, Chiaffarino F, Bonfanti N, Pannacci M, Cortellazzi P, Uberti-Foppa C, Furlanetto M, DI Meco F, Massimi L; Passis Group. Incidence and risk factors of neurosurgical site infections: results of a prospective multicenter cohort study on 6359 surgeries. *J Neurosurg Sci.* 2021 Feb;65(1):24-32. doi: 10.23736/S0390-5616.18.04322-9. Epub 2018 Mar 26. PMID: 29582969.
- 253: Della Pepa GM, Bianchi F, Scerrati A, Albanese A, Cotroneo E, Delitala A, Gigli R, La Rocca G, Marchese E, Pedicelli A, Puca A, Sabatino G, Olivi A, Sturiale CL. Secondary coiling after incomplete surgical clipping of cerebral aneurysms: a rescue strategy or a treatment option for complex cases? Institutional series and systematic review. *Neurosurg Rev.* 2019 Jun;42(2):337-350. doi: 10.1007/s10143-018-0950-4. Epub 2018 Feb 7. PMID: 29417290.
- 254: Sette G, Salvati V, Giordani I, Pillozzi E, Quacquareni D, Duranti E, De Nicola F, Pallocca M, Fanciulli M, Falchi M, Pallini R, De Maria R, Eramo A. Conditionally reprogrammed cells (CRC) methodology does not allow the in vitro expansion of patient-derived primary and metastatic lung cancer cells. *Int J Cancer.* 2018 Jul 1;143(1):88-99. doi: 10.1002/ijc.31260. Epub 2018 Jan 26. PMID: 29341112.
- 255: Piastra M, De Luca D, Genovese O, Tosi F, Caliandro F, Zorzi G, Massimi L, Visconti F, Pizza A, Biasucci DG, Conti G. Clinical Outcomes and Prognostic Factors for Spontaneous Intracerebral Hemorrhage in Pediatric ICU: A 12-Year Experience. *J Intensive Care Med.* 2019 Nov-Dec;34(11-12):1003-1009. doi: 10.1177/0885066617726049. Epub 2017 Aug 29. PMID: 28847237.
- 256: Cancelli A, Cottone C, Giordani A, Migliore S, Lupoi D, Porcaro C, Mirabella M, Rossini PM, Filippi MM, Tecchio F. Personalized, bilateral whole-body somatosensory cortex stimulation to relieve fatigue in multiple sclerosis. *Mult Scler.* 2018 Sep;24(10):1366-1374. doi: 10.1177/1352458517720528. Epub 2017 Jul 31. PMID: 28756744.
- 257: Sota J, Rigante D, Lopalco G, Frediani B, Franceschini R, Galeazzi M, Iannone F, Tosi GM, Fabiani C, Cantarini L. Biological therapies for the treatment of Behçet's disease-related uveitis beyond TNF-alpha blockade: a narrative review. *Rheumatol Int.* 2018 Jan;38(1):25-35. doi: 10.1007/s00296-017-3775-5. Epub 2017 Jul 27. PMID: 28752230.
- 258: Frassanito L, Zanfini BA, Pitoni S, Germini P, Del Vicario M, Draisci G. Ultrasound-guided genitofemoral nerve block for inguinal hernia repair in the male adult: a randomized controlled pilot study. *Minerva Anestesiol.* 2018 Feb;84(2):189-195. doi: 10.23736/S0375-9393.17.11948-6. Epub 2017 Jul 5. PMID: 28679199.
- 259: Modesti C, Aceto P, Masini L, Lombardi CP, Bellantone R, Sollazzi L. Approach to thyroid carcinoma in pregnancy. *Updates Surg.* 2017 Jun;69(2):261-265. doi: 10.1007/s13304-017-0476-2. Epub 2017 Jun 22. PMID: 28639240.
- 260: Hummel T, Whitcroft KL, Andrews P, Altundag A, Cinghi C, Costanzo RM, Damm M, Frasnelli J, Gudziol H, Gupta N, Haehner A, Holbrook E, Hong SC, Hornung D, Hüttenbrink KB, Kamel R, Kobayashi M, Konstantinidis I, Landis BN, Leopold DA, Macchi A, Miwa T, Moesges R, Mullol J, Mueller CA, Ottaviano G, Passali GC, Philpott C, Pinto JM, Ramakrishnan VJ, Rombaux P, Roth Y, Schlosser RA, Shu B, Soler G, Stjärne P, Stuck BA, Vodicka J, Welge-Luessen A. Position paper on olfactory dysfunction. *Rhinology.* 2016 Jan 31;56(1):1-30. doi: 10.4193/Rhino16.248. PMID: 28623665.
- 261: Kilday JP, Caldarelli M, Massimi L, Chen RH, Lee YY, Liang ML, Parkes J, Naiker T, van Veelen ML,

Michiels E, Mallucci C, Pettorini B, Meijer L, Dorfer C, Czech T, Diezi M, Schouten-van Meeteren AYN, Holm S, Gustavsson B, Benesch M, Müller HL, Hoffmann A, Rutkowski S, Flitsch J, Escherich G, Grotzer M, Spoudeas HA, Azquikina K, Capra M, Jiménez-Guerra R, MacDonald P, Johnston DL, Dvir R, Constantini S, Kuo MF, Yang SH, Bartels U. Intracystic interferon-alfa in pediatric craniopharyngioma patients: an international multicenter assessment on behalf of SIOPE and ISPN. *Neuro Oncol.* 2017 Oct 1;19(10):1398-1407. doi: 10.1093/neuonc/nox056. PMID: 28499018; PMCID: PMC5596165.

262: Castioni CA, Amadori A, Bilotta F, Bolzon M, Barboni E, Caricato A, Dall'acqua G, Di Paola F, Forastieri Molinari A, Gritti P, LA Rosa I, Longo M, Maglione C, Martorano P, Munari M, Perotti V, Rasulo F, Ruggiero M, Santoro A, Scudeller L, Tumolo M, Mazzeo AT; SIAARTI Study Group on Neuroanesthesia and Neuroresuscitation, AINR, SARNePI, SINCh. Italian Consensus in Neuroradiological Anesthesia (ICONA). *Minerva Anestesiol.* 2017 Sep;83(9):956-971. doi: 10.23736/S0375-9393.17.11753-0. Epub 2017 May 11. PMID: 28492296.

263: Caroff J, Mihalea C, Da Ros V, Yagi T, Iacobucci M, Ikka L, Moret J, Spelle L. A computational fluid dynamics (CFD) study of WEB-treated aneurysms: Can CFD predict WEB "compression" during follow-up? *J Neuroradiol.* 2017 Jul;44(4):262-268. doi: 10.1016/j.neurad.2017.03.005. Epub 2017 May 3. PMID: 28478112.

264: Bertini E, Dessaud E, Mercuri E, Muntoni F, Kirschner J, Reid C, Lusakowska A, Comi GP, Cuisset JM, Abitbol JL, Scherrer B, Ducray PS, Buchbjerg J, Vianna E, van der Pol WL, Vuillerot C, Blaettler T, Fontoura P; Olesoxime SMA Phase 2 Study Investigators. Safety and efficacy of olesoxime in patients with type 2 or non-ambulatory type 3 spinal muscular atrophy: a randomised, double-blind, placebo-controlled phase 2 trial. *Lancet Neurol.* 2017 Jul;16(7):513-522. doi: 10.1016/S1474-4422(17)30085-6. Epub 2017 Apr 28. Erratum in: *Lancet Neurol.* 2017 Aug;16(8):584. PMID: 28460889.

265: Zhong W, Yang M, Zhang W, Visocchi M, Chen X, Liao C. Improved neural microcirculation and regeneration after peripheral nerve decompression in DPN rats. *Neurol Res.* 2017 Apr;39(4):285-291. doi: 10.1080/01616412.2017.1297557. Epub 2017 Mar 14. PMID: 28290778.

266: Caroff J, Benachour N, Ikka L, Nevoux J, Parker F, Da Ros V, Mihalea C, Iacobucci M, Moret J, Spelle L. 3D-guided direct puncture therapeutic embolization of intracranial tumors. *J Neurointerv Surg.* 2017 Aug;9(8):787-791. doi: 10.1136/neurintsurg-2017-012979. Epub 2017 Mar 1. PMID: 28251915.

267: Mattogno PP, Massimi L, Tamburrini G, Frassanito P, Di Rocco C, Caldarelli M. Myelomeningocele Repair: Surgical Management Based on a 30-Year Experience. *Acta Neurochir Suppl.* 2017;124:143-148. doi: 10.1007/978-3-319-39546-3_22. PMID: 28120066.

268: Peppucci E, Di Bonaventura R, Esposito V, Zhong J, Iacopino G, Barbagallo G, Visocchi M. Update on Mechanism and Therapeutic Implications of Spinal Cord Stimulation and Cerebral Hemodynamics: A Narrative Review. *Acta Neurochir Suppl.* 2017;124:27-36. doi: 10.1007/978-3-319-39546-3_5. PMID: 28120049.

269: Mattogno PP, Barbagallo G, Iacopino G, Pappalardo G, LA Rocca G, Signorelli F, Zhong J, Visocchi M. Recovery from Chronic Diseases of Consciousness: State of the Art in Neuromodulation for Persistent Vegetative State and Minimally Conscious State. *Acta Neurochir Suppl.* 2017;124:19-25. doi: 10.1007/978-3-319-39546-3_4. PMID: 28120048.

270: Piastra M, Pizza A, Tosi F, Mensi S, Massimi L, De Bellis A, Biasucci DG, Luca E, Conti G, De Luca D. Validation of the Glycemic Stress Index in Pediatric Neurosurgical Intensive Care. *Neurocrit Care.* 2017 Jun;26(3):388-392. doi: 10.1007/s12028-016-0344-9. PMID: 28004329.

- 271: Liao C, Visocchi M, Yang M, Liu P, Li S, Zhang W. Pulsed Radiofrequency: A Management Option for Recurrent Trigeminal Neuralgia Following Radiofrequency Thermocoagulation. *World Neurosurg.* 2017 Jan;97:760.e5-760.e7. doi: 10.1016/j.wneu.2016.09.108. Epub 2016 Oct 10. PMID: 27729303.
- 272: Marchetti C, Ferrandina G, Cormio G, Gambino A, Cecere S, Lorusso D, De Giorgi U, Bogliolo S, Fagotti A, Mammoliti S, Narducci F, Bergamini A, Scollo P, Biglia N, Breda E, Tamberi S, Marinaccio M, Angioli R, Salerno L, Eusebi MC, Loizzi V, Scambia G, Panici PB. Brain metastases in patients with EOC: Clinico- pathological and prognostic factors. A multicentric retrospective analysis from the MITO group (MITO 19). *Gynecol Oncol.* 2016 Dec;143(3):532-538. doi: 10.1016/j.ygyno.2016.09.025. Epub 2016 Oct 5. PMID: 27717490.
- 273: Iacobucci M, Danieli L, Visconti E, Maresca M, Anile C, Colosimo C, Pedicelli A. Preoperative embolization of meningiomas with polyvinyl alcohol particles: The benefits are not outweighed by risks. *Diagn Interv Imaging.* 2017 Apr;98(4):307-314. doi: 10.1016/j.diii.2016.08.006. Epub 2016 Sep 24. PMID: 27671861.
- 274: Tamburrini G, Hinojosa J. Hemispheric low-grade gliomas. *Childs Nerv Syst.* 2016 Oct;32(10):1787. doi: 10.1007/s00381-016-3192-1. Epub 2016 Sep 20. PMID: 27659821.
- 275: Angelino G, De Pasquale MD, De Sio L, Serra A, Massimi L, De Vito R, Marrazzo A, Lancella L, Carai A, Antonelli M, Giangaspero F, Gessi M, Menchini L, Scarciolla L, Longo D, Mastronuzzi A. NRAS(Q61K) mutated primary leptomeningeal melanoma in a child: case presentation and discussion on clinical and diagnostic implications. *BMC Cancer.* 2016 Jul 20;16:512. doi: 10.1186/s12885-016-2556-y. PMID: 27439913; PMCID: PMC4955223.
- 276: Schiaroli E, Pasticci MB, De Carolis E, Mello E, Pallotto C, Leli C, De Socio GV, Baldelli F, Sanguinetti M, Mencacci A. Diagnosis of Nocardia paucivorans central nervous system infection by DNA sequencing from paraffin- embedded tissue. *Infez Med.* 2016 Jun 1;24(2):147-52. PMID: 27367327.
- 277: Cenciarelli C, Marei HE, Felsani A, Casalbore P, Sica G, Puglisi MA, Cameron AJ, Olivi A, Mangiola A. PDGFR α depletion attenuates glioblastoma stem cells features by modulation of STAT3, RB1 and multiple oncogenic signals. *Oncotarget.* 2016 Aug 16;7(33):53047-53063. doi: 10.18632/oncotarget.10132. Erratum in: *Oncotarget.* 2017 May 30;8(22):36931. PMID: 27344175; PMCID: PMC5288168.
- 278: Missori P, Morselli C, Domenicucci M, Paolini S, Peschillo S, Scapeccia M, Rastelli E, Martini S, Caporlingua F, Di Stasio E. Measurement of Bone Flap Surface Area and Midline Shift to Predict Overall Survival After Decompressive Craniectomy. *World Neurosurg.* 2016 Dec;96:11-14. doi: 10.1016/j.wneu.2016.05.043. Epub 2016 May 27. PMID: 27241094.
- 279: Scerrati A, Lee JS, Zhang J, Ammirati M. Exposing the Fundus of the Internal Acoustic Meatus without Entering the Labyrinth Using a Retrosigmoid Approach: Is It Possible? *World Neurosurg.* 2016 Jul;91:357-64. doi: 10.1016/j.wneu.2016.03.093. Epub 2016 Apr 13. PMID: 27083131.
- 280: Cilla S, Deodato F, Macchia G, Digesù C, Ianiro A, Viola P, Craus M, Valentini V, Piermattei A, Morganti AG. Linac-based extracranial radiosurgery with Elekta volumetric modulated arc therapy and an anatomy-based treatment planning system: Feasibility and initial experience. *Med Dosim.* 2016 Summer;41(2):166-72. doi: 10.1016/j.meddos.2015.12.002. Epub 2016 Mar 16. PMID: 26994825.
- 281: Losa M, Bogazzi F, Cannavo S, Ceccato F, Curtò L, De Marinis L, Iacovazzo D, Lombardi G, Mantovani G, Mazza E, Minniti G, Nizzoli M, Reni M, Scaroni C. Temozolomide therapy in patients with aggressive pituitary neuroendocrine tumors or carcinomas. *J Neurooncol.* 2016 Feb;126(3):519-25.

doi: 10.1007/s11060-015-1991-y. Epub 2015 Nov 27. PMID: 26614517.

282: Mangiola A, Vigo V, Anile C, De Bonis P, Marziali G, Lofrese G. Role and Importance of IGF-1 in Traumatic Brain Injuries. *Biomed Res Int*. 2015;2015:736104. doi: 10.1155/2015/736104. Epub 2015 Aug 31. PMID: 26417600; PMCID: PMC4568328.

283: Caroff J, Neki H, Mihalea C, D'Argento F, Abdel Khalek H, Ikka L, Moret J, Spelle L. Flow-Diverter Stents for the Treatment of Saccular Middle Cerebral Artery Bifurcation Aneurysms. *AJNR Am J Neuroradiol*. 2016 Feb;37(2):279-84. doi: 10.3174/ajnr.A4540. Epub 2015 Sep 24. PMID: 26405085; PMCID: PMC7959957.

284: Fazi B, Felsani A, Grassi L, Moles A, D'Andrea D, Toschi N, Sicari D, De Bonis P, Anile C, Guerrisi MG, Luca E, Farace MG, Maira G, Ciafré SA, Mangiola A. The transcriptome and miRNome profiling of glioblastoma tissues and peritumoral regions highlights molecular pathways shared by tumors and surrounding areas and reveals differences between short-term and long-term survivors. *Oncotarget*. 2015 Sep 8;6(26):22526-52. doi: 10.18632/oncotarget.4151. PMID: 26188123; PMCID: PMC4673180.

285: Mack SC, Agnihotri S, Bertrand KC, Wang X, Shih DJ, Witt H, Hill N, Zayne K, Barszczyk M, Ramaswamy V, Remke M, Thompson Y, Ryzhova M, Massimi L, Grajkowska W, Lach B, Gupta N, Weiss WA, Guha A, Hawkins C, Croul S, Rutka JT, Pfister SM, Korshunov A, Pekmezci M, Tihan T, Philips JJ, Jabado N, Zadeh G, Taylor MD. Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. *Clin Cancer Res*. 2015 Aug 15;21(16):3750-8. doi: 10.1158/1078-0432.CCR-14-2650. Epub 2015 May 8. PMID: 25957288; PMCID: PMC4537825.

286: Lattante S, Ciura S, Rouleau GA, Kabashi E. Defining the genetic connection linking amyotrophic lateral sclerosis (ALS) with frontotemporal dementia (FTD). *Trends Genet*. 2015 May;31(5):263-73. doi: 10.1016/j.tig.2015.03.005. Epub 2015 Apr 10. PMID: 25869998.

287: Giunti L, da Ros M, Vinci S, Gelmini S, Iorio AL, Buccoliero AM, Cardellicchio S, Castiglione F, Genitori L, de Martino M, Giglio S, Genuardi M, Sardi I. Anti-miR21 oligonucleotide enhances chemosensitivity of T98G cell line to doxorubicin by inducing apoptosis. *Am J Cancer Res*. 2014 Dec 15;5(1):231-42. PMID: 25628933; PMCID: PMC4300700.

288: Frassanito P, Tamburrini G, Massimi L, Di Rocco C, Nataloni A, Fabbri G, Caldarelli M. Post-marketing surveillance of CustomBone Service implanted in children under 7 years old. *Acta Neurochir (Wien)*. 2015 Jan;157(1):115-21. doi: 10.1007/s00701-014-2254-y. Epub 2014 Oct 19. PMID: 25326712.

289: Scerrati A, Della Pepa GM, Conforti G, Sabatino G, Puca A, Albanese A, Maira G, Marchese E, Esposito G. Indocyanine green video-angiography in neurosurgery: a glance beyond vascular applications. *Clin Neurol Neurosurg*. 2014 Sep;124:106-13. doi: 10.1016/j.clineuro.2014.06.032. Epub 2014 Jun 28. PMID: 25033322.

290: Mack SC, Witt H, Piro RM, Gu L, Zuyderduyn S, Stütz AM, Wang X, Gallo M, Garzia L, Zayne K, Zhang X, Ramaswamy V, Jäger N, Jones DT, Sill M, Pugh TJ, Ryzhova M, Wani KM, Shih DJ, Head R, Remke M, Bailey SD, Zichner T, Faria CC, Barszczyk M, Stark S, Seker-Cin H, Hutter S, Johann P, Bender S, Hovestadt V, Tzaridis T, Dubuc AM, Northcott PA, Peacock J, Bertrand KC, Agnihotri S, Cavalli FM, Clarke I, Nethery-Brookx K, Creasy CL, Verma SK, Koster J, Wu X, Yao Y, Milde T, Sin-Chan P, Zuccaro J, Lau L, Pereira S, Castelo-Branco P, Hirst M, Marra MA, Roberts SS, Fults D, Massimi L, Cho YJ, Van Meter T, Grajkowska W, Lach B, Kulozik AE, von Deimling A, Witt O, Scherer SW, Fan X, Muraszko KM, Kool M, Pomeroy SL, Gupta N, Phillips J, Huang A, Tabori U, Hawkins C, Malkin D, Kongkham PN, Weiss WA, Jabado N, Rutka JT, Bouffet E, Korbel JO, Lupien M, Aldape KD, Bader GD,

- Eils R, Lichter P, Dirks PB, Pfister SM, Korshunov A, Taylor MD. Epigenomic alterations define lethal CIMP-positive ependymomas of infancy. *Nature*. 2014 Feb 27;506(7489):445-50. doi: 10.1038/nature13108. Epub 2014 Feb 19. PMID: 24553142; PMCID: PMC4174313.
- 291: Cefalo G, Massimino M, Ruggiero A, Barone G, Ridola V, Spreafico F, Potepan P, Abate ME, Mascarini M, Garrè ML, Perilongo G, Madon E, Colosimo C, Riccardi R. Temozolomide is an active agent in children with recurrent medulloblastoma/primitive neuroectodermal tumor: an Italian multi-institutional phase II trial. *Neuro Oncol*. 2014 May;16(5):748-53. doi: 10.1093/neuonc/not320. Epub 2014 Jan 30. PMID: 24482446; PMCID: PMC3984557.
- 292: Di Rocco C. Comment to the paper by L. May: Lack of uniformity in the clinical assessment of children with lipomyelomeningocele. A review of the literature and recommendations for the future. *Childs Nerv Syst*. 2013 Jun;29(6):971. doi: 10.1007/s00381-013-2068-x. Epub 2013 Mar 20. PMID: 23512294.
- 293: Di Rocco C, Paternoster G, Caldarelli M, Massimi L, Tamburrini G. Anterior plagiocephaly: epidemiology, clinical findings, diagnosis, and classification. A review. *Childs Nerv Syst*. 2012 Sep;28(9):1413-22. doi: 10.1007/s00381-012-1845-2. Epub 2012 Aug 8. PMID: 22872257.
- 294: Caricato A, Mignani V, Bocci MG, Pennisi MA, Sandroni C, Tersali A, Antonaci A, de Waure C, Antonelli M. Usefulness of transcranial echography in patients with decompressive craniectomy: a comparison with computed tomography scan. *Crit Care Med*. 2012 Jun;40(6):1745-52. doi: 10.1097/CCM.0b013e318246b6ea. PMID: 22610180.
- 295: Pedicelli A, Verdolotti T, Pompucci A, Desiderio F, D'Argento F, Colosimo C, Bonomo L. Interventional spinal procedures guided and controlled by a 3D rotational angiographic unit. *Skeletal Radiol*. 2011 Dec;40(12):1595-601. doi: 10.1007/s00256-011-1282-4. Epub 2011 Oct 1. PMID: 21964670.
- 296: Rigante M, Massimi L, Parrilla C, Galli J, Caldarelli M, Di Rocco C, Paludetti G. Endoscopic transsphenoidal approach versus microscopic approach in children. *Int J Pediatr Otorhinolaryngol*. 2011 Sep;75(9):1132-6. doi: 10.1016/j.ijporl.2011.06.004. Epub 2011 Jul 16. PMID: 21763004.
- 297: De Rosa G, Pardeo M, Di Rocco C, Pietrini D, Mensi S, Stival E, De Nisco A, Marzano L, De Luca D, Piastra M. Neurogenic stunned myocardium presenting as left ventricular hypertrabeculation in childhood: a variant of Takotsubo cardiomyopathy? *Pediatr Crit Care Med*. 2011 Nov;12(6):e420-3. doi: 10.1097/PCC.0b013e3182192944. PMID: 21478797.
- 298: Piastra M, Pietrini D, Massimi L, Caldarelli M, De Luca D, Del Lungo LM, De Carolis MP, Di Rocco C, Conti G, Zecca E. Severe subdural hemorrhage due to minimal prenatal trauma. *J Neurosurg Pediatr*. 2009 Dec;4(6):543-6. doi: 10.3171/2009.7.PEDS08223. PMID: 19951041.
- 299: Albanese A, De Bonis P, Sabatino G, Capone G, Marchese E, Vignati A, Maira G. Antibiotic-impregnated ventriculo-peritoneal shunts in patients at high risk of infection. *Acta Neurochir (Wien)*. 2009 Oct;151(10):1259-63. doi: 10.1007/s00701-009-0317-2. Epub 2009 Apr 24. PMID: 19390777.
- 300: Bianchi A, Giustina A, Cimino V, Pola R, Angelini F, Pontecorvi A, De Marinis L. Influence of growth hormone receptor d3 and full-length isoforms on biochemical treatment outcomes in acromegaly. *J Clin Endocrinol Metab*. 2009 Jun;94(6):2015-22. doi: 10.1210/jc.2008-1337. Epub 2009 Mar 31. PMID: 19336510.
- 301: Pietrini D, Di Rocco C, Di Bartolomeo R, Conti G, Ranelletti FO, De Luca D, Tosi F, Mensi S, D'Arrigo S, Piastra M. No-glucose strategy influences posterior cranial fossa tumors' postoperative

- course: introducing the Glycemic Stress Index. *J Neurooncol.* 2009 Jul;93(3):361-8. doi: 10.1007/s11060-008-9784-1. Epub 2009 Feb 7. PMID: 19199005.
- 302: Bianchi A, Mazziotti G, Tilaro L, Cimino V, Veltri F, Gaetani E, Pecorini G, Pontecorvi A, Giustina A, De Marinis L. Growth hormone receptor polymorphism and the effects of pegvisomant in acromegaly. *Pituitary.* 2009;12(3):196-9. doi: 10.1007/s11102-008-0157-8. PMID: 19089622.
- 303: Piastra M, Di Rocco C, Caresta E, Zorzi G, De Luca D, Caldarelli M, La Torre G, Conti G, Antonelli M, Eaton S, Pietrini D. Blood loss and short-term outcome of infants undergoing brain tumour removal. *J Neurooncol.* 2008 Nov;90(2):191-200. doi: 10.1007/s11060-008-9643-0. Epub 2008 Jul 10. PMID: 18615240.
- 304: Frassanito L, Rodolà F, Concina G, Messina A, Chierichini A, Vergari A. The efficacy of the psoas compartment block versus the intrathecal combination of morphine, fentanyl and bupivacaine for postoperative analgesia after primary hip arthroplasty: a randomized single-blinded study. *Eur Rev Med Pharmacol Sci.* 2008 Mar-Apr;12(2):117-22. PMID: 18575162.
- 305: Tringali A, Boskoski I, Costamagna G. The role of endoscopy in the therapy of chronic pancreatitis. *Best Pract Res Clin Gastroenterol.* 2008;22(1):145-65. doi: 10.1016/j.bpg.2007.10.021. PMID: 18206819.
- 306: Chiaretti A, Genovese O, Antonelli A, Tortorolo L, Ruggiero A, Focarelli B, Di Rocco C. Patient-controlled analgesia with fentanyl and midazolam in children with postoperative neurosurgical pain. *Childs Nerv Syst.* 2008 Jan;24(1):119-24. doi: 10.1007/s00381-007-0429-z. Epub 2007 Jul 17. PMID: 17639417.
- 307: Caricato A, Pennisi M, Mancino A, Vigna G, Sandroni C, Arcangeli A, Antonelli M. Levels of vancomycin in the cerebral interstitial fluid after severe head injury. *Intensive Care Med.* 2006 Feb;32(2):325-328. doi: 10.1007/s00134-005-0015-3. Epub 2006 Jan 24. PMID: 16432677.
- 308: Maira G, Anile C, Mangiola A, Paci A, Paci F, Frondizi D, Carletti S, Ottaviano PF, Albanese A, Pentimalli L. Pure surgical treatment of 109 aneurysms. *J Neurosurg Sci.* 2005 Jun;49(2):31-8; discussion 38-9. PMID: 16247342.
- 309: Di Rocco C, Caldarelli M, Tamburrini G, Koutzoglou M, Massimi L, Di Rocco F, Sabatino G, Farallo E, Seccia A, Pietrini D, Valenti M, Forte E, Rollo M, Tartaglione T, Pedicelli A, Tortorolo L, Piastra M. Craniopagus: the Thessaloniki-Rome experience. *Childs Nerv Syst.* 2004 Aug;20(8-9):576-86. doi: 10.1007/s00381-004-0976-5. Epub 2004 Jul 28. PMID: 15309474.
- 310: Civello IM, Brisinda G, Palermo A, Agresti M, Minelli S, Sganga G, Maria G. Truncal vagotomy, antrectomy and Roux-en-Y gastrojejunostomy in the treatment of duodenogastric reflux disease. *Dig Surg.* 1998;15(1):30-4. doi: 10.1159/000018583. PMID: 9845560.

From:
<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:
https://neurosurgerywiki.com/wiki/doku.php?id=gemelli_university_hospital

Last update: **2025/03/24 10:12**

