

Wrocław

Department of Neurosurgery, Wrocław Medical University, Wrocław, [Poland](#).

Tabakow P, Kubicki K, Jeleń M, Gajdzis P. [Quiz](#) What is your [diagnosis](#)? *Pol J Pathol*. 2020;71(3):288-290. PMID: 33112123.

Miękisiak G, Łątka D, Janusz W, Urbański W, Załuski R, Kubaszewski Ł. The change of volume of the [lumbar vertebrae](#) along with aging in asymptomatic population: a preliminary analysis. *Acta Bioeng Biomech*. 2018;20(4):25-30. PubMed PMID: 30520452.

2: Miękisiak G, Łątka D, Jarmużek P, Załuski R, Urbański W, Janusz W. Steroids in Acute Spinal Cord Injury: All But Gone Within 5 Years. *World Neurosurg*. 2018 Oct 24. pii: S1878-8750(18)32379-9. doi: 10.1016/j.wneu.2018.09.239. [Epub ahead of print] PubMed PMID: 30366138.

3: Cwikłowska K, Westhoff MA, Freisinger S, Dwucet A, Halatsch ME, Knippschild U, Debatin KM, Schirmbeck R, Winiarski L, Oleksyszyn J, Wirtz CR, Burster T. Viability of glioblastoma stem cells is effectively reduced by diisothiocyanate-derived mercapturic acids. *Oncol Lett*. 2018 Nov;16(5):6181-6187. doi: 10.3892/ol.2018.9347. Epub 2018 Aug 21. PubMed PMID: 30344758; PubMed Central PMCID: PMC6176379.

4: Uryga A, Kasprowicz M, Burzyńska M, Calviello L, Kaczmarek K, Czosnyka M. Cerebral arterial time constant calculated from the middle and posterior cerebral arteries in healthy subjects. *J Clin Monit Comput*. 2018 Oct 5. doi: 10.1007/s10877-018-0207-3. [Epub ahead of print] PubMed PMID: 30291539.

5: Siewiera J, Tomaszewski D, Piechocki J, Kübler A. Withholding and withdrawing life-sustaining treatment: Experiences in limiting futile therapy from three Polish intensive care departments. *Adv Clin Exp Med*. 2018 Oct 2. doi: 10.17219/acem/78775. [Epub ahead of print] PubMed PMID: 30277672.

6: Uryga A, Burzyńska M, Tabakow P, Kasprowicz M, Budohoski KP, Kazimierska A, Smielewski P, Czosnyka M, Goździk W. Baroreflex sensitivity and heart rate variability are predictors of mortality in patients with aneurysmal subarachnoid haemorrhage. *J Neurol Sci*. 2018 Nov 15;394:112-119. doi: 10.1016/j.jns.2018.09.014. Epub 2018 Sep 13. PubMed PMID: 30245190.

7: Aliev G, Ashraf GM, Tarasov VV, Chubarev VN, Leszek J, Gasiorowski K, Makhmutova A, Baeesa SS, Avila-Rodriguez M, Ustyugov AA, Bachurin SO. Alzheimer Disease - Future Therapy Based on Dendrimers. *Curr Neuropharmacol*. 2018 Sep 18. doi: 10.2174/1570159x16666180918164623. [Epub ahead of print] PubMed PMID: 30227819.

8: Misiak B, Kotowicz K, Loska O, Stramecki F, Beszlej JA, Samochowiec J, Samochowiec A, Jabłoński M, Podwalski P, Waszczuk K, Wroński M, Michalczyk A, Sagan L, Piotrowski P. Elevated allostatic load index is associated with working memory deficits in first-episode psychosis. *Schizophr Res*. 2018 Sep 7. pii: S0920-9964(18)30552-8. doi: 10.1016/j.schres.2018.09.003. [Epub ahead of print] PubMed PMID: 30201550.

9: Lewczuk P, Gaignaux A, Kofanova O, Ermann N, Betsou F, Brandner S, Mroczko B, Blennow K, Strapagiel D, Paciotti S, Vogelgsang J, Roehrl MH, Mendoza S, Kornhuber J, Teunissen C. Interlaboratory proficiency processing scheme in CSF aliquoting: implementation and assessment

based on biomarkers of Alzheimer's disease. *Alzheimers Res Ther.* 2018 Aug 28;10(1):87. doi: 10.1186/s13195-018-0418-3. PubMed PMID: 30153863; PubMed Central PMCID: PMC6114189.

10: Misiak B, Kotowicz K, Loska O, Stramecki F, Beszłej JA, Samochowiec J, Jabłoński M, Podwalski P, Waszczuk K, Wroński M, Michalczyk A, Sagan L, Piotrowski P. Decreased use of active coping styles contributes to elevated allostatic load index in first-episode psychosis. *Psychoneuroendocrinology.* 2018 Oct;96:166-172. doi: 10.1016/j.psyneuen.2018.06.021. Epub 2018 Jun 28. PubMed PMID: 29980008.

11: Uryga A, Kasprowicz M, Calviello L, Diehl RR, Kaczmarek K, Czosnyka M. Assessment of cerebral hemodynamic parameters using pulsatile versus non-pulsatile cerebral blood outflow models. *J Clin Monit Comput.* 2018 Apr 4. doi: 10.1007/s10877-018-0136-1. [Epub ahead of print] PubMed PMID: 29619647.

12: Kaczmarek K, Kasprowicz M, Grzanka A, Zabołotny W, Smielewski P, Lalou DA, Varsos G, Czosnyka M, Czosnyka Z. Critical Closing Pressure During a Controlled Increase in Intracranial Pressure. *Acta Neurochir Suppl.* 2018;126:133-137. doi: 10.1007/978-3-319-65798-1_28. PubMed PMID: 29492548.

13: Urbanski W, Jurasz W, Wolanczyk M, Kulej M, Morasiewicz P, Dragan SL, Zaluski R, Miekisiak G, Dragan SF. Increased Radiation but No Benefits in Pedicle Screw Accuracy With Navigation versus a Freehand Technique in Scoliosis Surgery. *Clin Orthop Relat Res.* 2018 May;476(5):1020-1027. doi: 10.1007/s11999-0000000000000204. PubMed PMID: 29432262.

14: Podbielska M, O'Keeffe J, Hogan EL. Autoimmunity in multiple sclerosis: role of sphingolipids, invariant NKT cells and other immune elements in control of inflammation and neurodegeneration. *J Neurol Sci.* 2018 Feb 15;385:198-214. doi: 10.1016/j.jns.2017.12.022. Epub 2017 Dec 22. Review. PubMed PMID: 29406905.

15: Zaczynska E, Artym J, Kocięba M, Burster T, Kruzel M, Paprocka M, Zimecki M. Antiviral Resistance of Splenocytes in Aged Mice. *Pol J Microbiol.* 2017 Mar 30;66(1):131-134. doi: 10.5604/17331331.1235002. PubMed PMID: 29359700.

16: Collins A, Li D, Liadi M, Tabakow P, Fortuna W, Raisman G, Li Y. Partial Recovery of Proprioception in Rats with Dorsal Root Injury after Human Olfactory Bulb Cell Transplantation. *J Neurotrauma.* 2018 Jun 15;35(12):1367-1378. doi: 10.1089/neu.2017.5273. Epub 2018 Mar 29. PubMed PMID: 29285976.

17: Ślusarz R, Biercewicz M, Smarszcz B, Szewczyk M, Rosińczuk J, Śniegocki M. Application of the functional capacity scale in the early assessment of functional efficiency in patients after aneurysm embolization: Preliminary reports. *Adv Clin Exp Med.* 2017 Sep;26(6):981-986. doi: 10.17219/acem/61832. PubMed PMID: 29068600.

18: Zadka L, Kram P, Kosciński J, Jankowski R, Kaczmarek M, Piatek K, Kulus M, Gomułkiewicz A, Piotrowska A, Dziegiel P. Association Between Interleukin-10 Receptors and the CD45-Immunophenotype of Central Nervous System Tumors: A Preliminary Study. *Anticancer Res.* 2017 Oct;37(10):5777-5783. PubMed PMID: 28982901.

19: Oleszkiewicz A, Meusel T, Güpfert M, Westermann B, Hummel T, Welge-Lüssen A. Olfactory deficits decrease the time resolution for trigeminal lateralization. *Int J Psychophysiol.* 2017 Nov;121:18-21. doi: 10.1016/j.ijpsycho.2017.09.004. Epub 2017 Sep 15. PubMed PMID: 28918916.

20: Wichary S, Magnuski M, Oleksy T, Brzezicka A. Neural Signatures of Rational and Heuristic Choice Strategies: A Single Trial ERP Analysis. *Front Hum Neurosci.* 2017 Aug 18;11:401. doi:

10.3389/fnhum.2017.00401. eCollection 2017. PubMed PMID: 28867996; PubMed Central PMCID: PMC5563328.

21: Riederer P, Korczyn AD, Ali SS, Bajenaru O, Choi MS, Chopp M, Dermanovic-Dobrota V, Grünblatt E, Jellinger KA, Kamal MA, Kamal W, Leszek J, Sheldrick-Michel TM, Mushtaq G, Meglic B, Natovich R, Pirtosek Z, Rakusa M, Salkovic-Petrisic M, Schmidt R, Schmitt A, Sridhar GR, Vécsei L, Wojszel ZB, Yaman H, Zhang ZG, Cukierman-Yaffe T. The diabetic brain and cognition. *J Neural Transm (Vienna)*. 2017 Nov;124(11):1431-1454. doi: 10.1007/s00702-017-1763-2. Epub 2017 Aug 1. Review. PubMed PMID: 28766040.

22: Polish Thrombectomy Initiative, Słowik A, Wnuk M, Brzegowy P, Chrzanowska-Waśko J, Golenia A, Łasocha B, Włoch-Kopeć D, Ferens A, Serednicki W, Jarocki P, Bartosik-Psujek H, Kaczorowski R, Filip E, Grzegorzak M, Homa J, Darocha J, Dudek D, Guz W, Rejdak K, Luchowski P, Wojczal J, Sojka M, Górnik M, Stachowicz S, Jaworski J, Buraczyńska K, Ficek R, Szczepańska-Szerej A, Jargiełło T, Szczurbo-Trojanowska M, Lasek-Bal A, Puz P, Warsz-Wianecka A, Stęposz A, Ziaja K, Kuczmik W, Urbanek T, Ziaja D, Tomalski W, Kobayashi A, Richter P, Płoński A, Kotkowski M, Czepiel W, Kurkowska-Jastrzębska I, Sienkiewicz-Jarosz H, Członkowska A, Błażejewska-Hyżorek B, Ryglewicz D, Konopko M, Brelak E, Antecki J, Szydłowski I, Włosek M, Stępień A, Brzozowski K, Staszewski J, Piasecki P, Zięcina P, Wołoszyńska I, Kolmaga N, Narloch J, Hasiec T, Gawłowicz J, Pędracka M, Porębiak J, Grzechnik B, Matsibora V, Frąszczak M, Leus M, Mazgaj M, Palacz-Duda V, Meder G, Skura W, Pleszka P, Świtońska M, Słomiński K, Kościelniak J, Sobieszak-Skura P, Konieczna-Brazis M, Rowiński O, Opuchlik A, Mickielewicz A, Szyluk B, Szczudlik P, Kostera-Pruszczyk A, Jaworski M, Maciąg R, Żyłkowski J, Adamkiewicz B, Szubert W, Chrzastek J, Raźniewski M, Pawelec A, Wilimborek P, Wagner R, Pilarski P, Gierach P, Baron J, Gruszka W, Ochudło S, Krzak-Kubica A, Rudzińska-Bar M, Zbroszczyk M, Smulska K, Arkuszewski M, Różański D, Kozirowski D, Meisner-Kramarz I, Szlufik S, Zaczyński A, Kądziołka K, Kordecki K, Zawadzki M, Ząbek M, Karaszewski B, Gąsecki D, Łowiec P, Dorniak W, Gorycki T, Szurowska E, Wierzchowska-Cioch E, Smyk T, Szajnoga B, Bachta M, Mazurek K, Piwowarska M, Kociemba W, Drużdż A, Dąbrowski A, Glonek M, Wawrzyniak M, Kaźmierski R, Juszkat R, Tomalski W, Heliosz A, Ryszczuk A, Zwiernik J, Wasilewski G, Tutaj A, Dałek G, Nosek K, Bereza S, Lubkowska K, Kamienowski J, Sobolewski P, Bielecki A, Miś M, Miś M, Krużewska-Orłowska M, Kochanowicz J, Mariak Z, Jakoniuk M, Turek G, Łebkowska U, Lewszuk A, Kordecki K, Dziedzic T, Popiela T. Mechanical thrombectomy in acute stroke - Five years of experience in Poland. *Neurol Neurochir Pol*. 2017 Sep - Oct;51(5):339-346. doi: 10.1016/j.pjnns.2017.05.004. Epub 2017 Jul 5. PubMed PMID: 28756015.

23: Placek MM, Wachel P, Iskander DR, Smielewski P, Uryga A, Mielczarek A, Szczepański TA, Kasprówicz M. Applying time-frequency analysis to assess cerebral autoregulation during hypercapnia. *PLoS One*. 2017 Jul 27;12(7):e0181851. doi: 10.1371/journal.pone.0181851. eCollection 2017. PubMed PMID: 28750024; PubMed Central PMCID: PMC5531479.

24: Burzyńska M, Uryga A, Kasprówicz M, Kędziora J, Szewczyk E, Woźniak J, Jarmundowicz W, Kübler A. Changes in the level of cardiac troponine and disorders in pulmonary gas exchange as predictors of short- and long-term outcomes of patients with aneurysm subarachnoid haemorrhage. *Br J Neurosurg*. 2017 Dec;31(6):653-660. doi: 10.1080/02688697.2017.1339301. Epub 2017 Jun 21. PubMed PMID: 28633535.

25: Guziński M, Bryl M, Ziemińska K, Wolny K, Sasiadek M, Garcarek JS. Detection of the Adamkiewicz artery in computed tomography of the thorax and abdomen. *Adv Clin Exp Med*. 2017 Jan-Feb;26(1):31-37. doi: 10.17219/acem/62788. PubMed PMID: 28397429.

26: Zub LW, Waliszewska-Prosół M, Szczepański T, Woźniak Z, Ejma M. Spinal metastases of glioblastoma multiforme in a patient with polyneuropathy. *Natl Med J India*. 2016 Jul-Aug;29(4):246.

PubMed PMID: 28051009.

27: Ghotme KA, Barreto GE, Echeverria V, Gonzalez J, Bustos RH, Sanchez M, Leszek J, Yarla NS, Gomez RM, Tarasov VV, Ashraf GM, Aliev G. Gliomas: New Perspectives in Diagnosis, Treatment and Prognosis. *Curr Top Med Chem.* 2017;17(12):1438-1447. doi: 10.2174/1568026617666170103162639. Review. PubMed PMID: 28049399.

28: Koźba-Gosztyła M, Czapiga B, Jarmundowicz W, Tomiałowicz Ł. Unruptured Intracranial Aneurysms: Surgery Still Safe as a Treatment Option. *Adv Clin Exp Med.* 2016 Sep-Oct;25(5):911-916. doi: 10.17219/acem/61803. PubMed PMID: 28028955.

29: Kędzia W, Kędzia E, Kędzia A, Derkowski W. Anatomy of the falcine sinus during the prenatal period. *Surg Radiol Anat.* 2017 Jul;39(7):753-758. doi: 10.1007/s00276-016-1787-6. Epub 2016 Dec 9. PubMed PMID: 27942945.

30: Giese M, Turiello N, Molenda N, Palesch D, Meid A, Schroeder R, Basilico P, Benarafa C, Halatsch ME, Zimecki M, Westhoff MA, Wirtz CR, Burster T. Exogenous cathepsin G upregulates cell surface MHC class I molecules on immune and glioblastoma cells. *Oncotarget.* 2016 Nov 15;7(46):74602-74611. doi: 10.18632/oncotarget.12980. PubMed PMID: 27806341; PubMed Central PMCID: PMC5342690.

31: Penczek A, Sienczyk M, Wirtz CR, Burster T. Cell surface cathepsin G activity differs between human natural killer cell subsets. *Immunol Lett.* 2016 Nov;179:80-84. doi: 10.1016/j.imlet.2016.09.010. Epub 2016 Sep 24. PubMed PMID: 27666013.

32: Podbielska M, Das A, Smith AW, Chauhan A, Ray SK, Inoue J, Azuma M, Nozaki K, Hogan EL, Banik NL. Neuron-microglia interaction induced bi-directional cytotoxicity associated with calpain activation. *J Neurochem.* 2016 Nov;139(3):440-455. doi: 10.1111/jnc.13774. Epub 2016 Oct 18. Erratum in: *J Neurochem.* 2018 Jan;144(2):234. PubMed PMID: 27529445; PubMed Central PMCID: PMC5374727.

33: Szynglarewicz B, Kasprzak P, Donizy P, Biecek P, Halon A, Matkowski R. Ductal carcinoma in situ on stereotactic biopsy of suspicious breast microcalcifications: Expression of SPARC (Secreted Protein, Acidic and Rich in Cysteine) can predict postoperative invasion. *J Surg Oncol.* 2016 Oct;114(5):548-556. doi: 10.1002/jso.24373. Epub 2016 Jul 20. PubMed PMID: 27439354.

34: Łęgowska M, Hamon Y, Wojtysiak A, Grzywa R, Sieńczyk M, Burster T, Korkmaz B, Lesner A. Development of the first internally-quenched fluorescent substrates of human cathepsin C: The application in the enzyme detection in biological samples. *Arch Biochem Biophys.* 2016 Dec 15;612:91-102. doi: 10.1016/j.abb.2016.10.007. Epub 2016 Oct 13. PubMed PMID: 27746119.

35: Czerwiński J, Jakubowska-Winecka A, Woderska A, Wilk J, Łebkowski W, Bohatyrewicz R, Krawulska-Biegańska A, Iwańczuk W, Czapiewski W, Kubik T, Becler R, Patrzalek D, Zielińska D, Danielewicz R. Implementation and Sustainability of European Training Program on Organ Donation in Poland: Results and the Impact on Donation Indicators. *Transplant Proc.* 2016 Sep;48(7):2429-2433. doi: 10.1016/j.transproceed.2015.12.144. PubMed PMID: 27742315.

36: Reichert P, Zimmer K, Witkowski J, Wnukiewicz W, Kuliński S, Gosk J. Long-Term Results of Neurectomy Through a Dorsal Approach in the Treatment of Morton's Neuroma. *Adv Clin Exp Med.* 2016 Mar-Apr;25(2):295-302. doi: 10.17219/acem/60249. PubMed PMID: 27627563.

37: Kubaszewski Ł, Mięksiak G, Nowakowski A, Pezowicz C, Bajor G, Kiełbowicz Z, Kinda W, Wojtków M, Kaczmarczyk J. Feasibility and accuracy of new insertion technique of S1 transpedicular screw. Computed tomography-based morphometric analysis. *Neurol Neurochir Pol.* 2016;50(5):363-9. doi:

10.1016/j.pjnns.2016.06.005. Epub 2016 Jul 1. PubMed PMID: 27591062.

38: Protasiewicz M, Banasik M, Kurcz J, Podgórski M, Zembala M, Zakliczyński M, Mysiak A, Boratyńska M, Klinger M. Renal Artery Denervation in Patient After Heart and Kidney Transplantation With Refractory Hypertension. *Transplant Proc.* 2016 Jun;48(5):1858-60. doi: 10.1016/j.transproceed.2016.01.043. PubMed PMID: 27496508.

39: Lang EW, Kasprowicz M, Smielewski P, Santos E, Pickard J, Czosnyka M. Outcome, Pressure Reactivity and Optimal Cerebral Perfusion Pressure Calculation in Traumatic Brain Injury: A Comparison of Two Variants. *Acta Neurochir Suppl.* 2016;122:221-3. doi: 10.1007/978-3-319-22533-3_44. PubMed PMID: 27165910.

40: Kasprowicz M, Czosnyka M, Poplawska K, Reinhard M. Cerebral Arterial Time Constant Recorded from the MCA and PICA in Normal Subjects. *Acta Neurochir Suppl.* 2016;122:211-4. doi: 10.1007/978-3-319-22533-3_42. PubMed PMID: 27165908.

41: Budohoski KP, Czosnyka M, Smielewski P, Varsos GV, Kasprowicz M, Brady KM, Pickard JD, Kirkpatrick PJ. Monitoring Cerebral Autoregulation After Subarachnoid Hemorrhage. *Acta Neurochir Suppl.* 2016;122:199-203. doi: 10.1007/978-3-319-22533-3_40. PubMed PMID: 27165906.

42: Lang EW, Kasprowicz M, Smielewski P, Pickard J, Czosnyka M. Plateau Waves of Intracranial Pressure and Partial Pressure of Cerebral Oxygen. *Acta Neurochir Suppl.* 2016;122:177-9. doi: 10.1007/978-3-319-22533-3_36. PubMed PMID: 27165902.

43: Haubrich C, Diehl RR, Kasprowicz M, Diedler J, Sorrentino E, Smielewski P, Czosnyka M. Increasing Intracranial Pressure After Head Injury: Impact on Respiratory Oscillations in Cerebral Blood Flow Velocity. *Acta Neurochir Suppl.* 2016;122:171-5. doi: 10.1007/978-3-319-22533-3_35. PubMed PMID: 27165901.

44: Magdalena K, Czosnyka M, Diehl RR, Haubrich C. The Interaction Between Heart Systole and Cerebral Circulation During Lower Body Negative Pressure Test. *Acta Neurochir Suppl.* 2016;122:137-41. doi: 10.1007/978-3-319-22533-3_28. PubMed PMID: 27165894.

45: Sinha R, Morgan JA, Wawrzynski JR, Czosnyka Z, Kasprowicz M, Czosnyka M, Garnett M, Hutchinson PJ, Pickard JD, Price SJ. Comparison of ventricular drain location and infusion test in hydrocephalus. *Acta Neurol Scand.* 2017 Mar;135(3):291-301. doi: 10.1111/ane.12594. Epub 2016 Mar 29. PubMed PMID: 27028091.

46: Eipper S, Steiner R, Lesner A, Sienczyk M, Palesch D, Halatsch ME, Zaczynska E, Heim C, Hartmann MD, Zimecki M, Wirtz CR, Burster T. Lactoferrin Is an Allosteric Enhancer of the Proteolytic Activity of Cathepsin G. *PLoS One.* 2016 Mar 17;11(3):e0151509. doi: 10.1371/journal.pone.0151509. eCollection 2016. PubMed PMID: 26986619; PubMed Central PMCID: PMC4795699.

47: Doroszko A, Janus A, Szahidewicz-Krupska E, Mazur G, Derkacz A. Resistant Hypertension. *Adv Clin Exp Med.* 2016 Jan-Feb;25(1):173-83. doi: 10.17219/acem/58998. Review. PubMed PMID: 26935512.

48: Reichert P, Kielbowicz Z, Dzięgiel P, Puła B, Wrzosek M, Bocheńska A, Gosk J. Effect of Collateral Sprouting on Donor Nerve Function After Nerve Coaptation: A Study of the Brachial Plexus. *Med Sci Monit.* 2016 Feb 5;22:387-96. PubMed PMID: 26848925; PubMed Central PMCID: PMC4762401.

49: Palesch D, Wagner J, Meid A, Molenda N, Sienczyk M, Burkhardt J, Münch J, Prokop L, Stevanovic S, Westhoff MA, Halatsch ME, Wirtz CR, Zimecki M, Burster T. Cathepsin G-mediated proteolytic degradation of MHC class I molecules to facilitate immune detection of human glioblastoma cells.

Cancer Immunol Immunother. 2016 Mar;65(3):283-91. doi: 10.1007/s00262-016-1798-5. Epub 2016 Feb 2. PubMed PMID: 26837514.

50: Miekisiak G, Czyz M, Tykocki T, Kaczmarczyk J, Zaluski R, Latka D. Traumatic brain injury in Poland from 2009-2012: A national study on incidence. Brain Inj. 2016;30(1):79-82. doi: 10.3109/02699052.2015.1104550. Epub 2015 Dec 29. PubMed PMID: 26714216.

51: Szarek D, Marycz K, Lis A, Zawada Z, Tabakow P, Laska J, Jarmundowicz W. Lizard tail spinal cord: a new experimental model of spinal cord injury without limb paralysis. FASEB J. 2016 Apr;30(4):1391-403. doi: 10.1096/fj.15-272468. Epub 2015 Dec 14. PubMed PMID: 26667043.

52: Kasprowicz M, Lalou DA, Czosnyka M, Garnett M, Czosnyka Z. Intracranial pressure, its components and cerebrospinal fluid pressure-volume compensation. Acta Neurol Scand. 2016 Sep;134(3):168-80. doi: 10.1111/ane.12541. Epub 2015 Dec 15. Review. PubMed PMID: 26666840.

53: Reijls BL, Teunissen CE, Goncharenko N, Betsou F, Blennow K, Baldeiras I, Brosseon F, Cavedo E, Fladby T, Froelich L, Gabryelewicz T, Gurvit H, Kapaki E, Koson P, Kulic L, Lehmann S, Lewczuk P, Lleó A, Maetzler W, de Mendonça A, Miller AM, Molinuevo JL, Mollenhauer B, Parnetti L, Rot U, Schneider A, Simonsen AH, Tagliavini F, Tsolaki M, Verbeek MM, Verhey FR, Zboch M, Winblad B, Scheltens P, Zetterberg H, Visser PJ. The Central Biobank and Virtual Biobank of BIOMARKAPD: A Resource for Studies on Neurodegenerative Diseases. Front Neurol. 2015 Oct 15;6:216. doi: 10.3389/fneur.2015.00216. eCollection 2015. PubMed PMID: 26528237; PubMed Central PMCID: PMC4606063.

54: Greb-Markiewicz B, Sadowska D, Surgut N, Godlewski J, Zarębski M, Ożyhar A. Mapping of the Sequences Directing Localization of the Drosophila Germ Cell-Expressed Protein (GCE). PLoS One. 2015 Jul 17;10(7):e0133307. doi: 10.1371/journal.pone.0133307. eCollection 2015. PubMed PMID: 26186223; PubMed Central PMCID: PMC4505938.

55: Koźba-Gosztyła M, Czapiga B, Jarmundowicz W. Aneurismal subarachnoid hemorrhage: who remains for surgical treatment in the post-ISAT era? Arch Med Sci. 2015 Jun 19;11(3):536-43. doi: 10.5114/aoms.2013.37333. PubMed PMID: 26170846; PubMed Central PMCID: PMC4495139.

56: Paściak M, Dacko W, Sikora J, Gurlaga D, Pawlik K, Miekisiak G, Gamian A. Creation of an In-House Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry Corynebacterineae Database Overcomes Difficulties in Identification of Nocardia farcinica Clinical Isolates. J Clin Microbiol. 2015 Aug;53(8):2611-21. doi: 10.1128/JCM.00268-15. Epub 2015 Jun 3. PubMed PMID: 26041903; PubMed Central PMCID: PMC4508453.

57: Grzesiak J, Marycz K, Szarek D, Bednarz P, Laska J. Polyurethane/polylactide-based biomaterials combined with rat olfactory bulb-derived glial cells and adipose-derived mesenchymal stromal cells for neural regenerative medicine applications. Mater Sci Eng C Mater Biol Appl. 2015;52:163-70. doi: 10.1016/j.msec.2015.03.050. Epub 2015 Mar 25. PubMed PMID: 25953554.

58: Gosk J, Gutkowska O, Mazurek P, Koszewicz M, Ziółkowski P. Peripheral nerve tumours: 30-year experience in the surgical treatment. Neurosurg Rev. 2015 Jul;38(3):511-20; discussion 521. doi: 10.1007/s10143-015-0620-8. Epub 2015 Mar 3. PubMed PMID: 25727458.

59: Czyz M, Tabakow P, Hernandez-Sanchez I, Jarmundowicz W, Raisman G. Obtaining the olfactory bulb as a source of olfactory ensheathing cells with the use of minimally invasive neuroendoscopy-assisted supraorbital keyhole approach-cadaveric feasibility study. Br J Neurosurg. 2015 Jun;29(3):362-70. doi: 10.3109/02688697.2015.1006170. Epub 2015 Feb 7. PubMed PMID: 25659961.

60: Haubrich C, Diehl RR, Kasproicz M, Diedler J, Sorrentino E, Smielewski P, Czosnyka M. Traumatic brain injury: increasing ICP attenuates respiratory modulations of cerebral blood flow velocity. *Med Eng Phys.* 2015 Feb;37(2):175-9. doi: 10.1016/j.medengphy.2014.11.009. Epub 2014 Dec 29. PubMed PMID: 25553961.

61: Bar JK, Zub L, Lis-Nawara A, Noga L, Jeleń M, Paradowski B. Expression and Interactions Between Cell Adhesion Molecules CD44v6 and E-Cadherin in Human Gliomas. *Adv Clin Exp Med.* 2014 Sep-Oct;23(5):827-34. PubMed PMID: 25491700.

62: Woźniak J, Kędzia A, Dudek K. Assessment of foetal age on the basis of the selected dimensions of the thorax. *Adv Clin Exp Med.* 2014 Sep-Oct;23(5):805-11. PubMed PMID: 25491697.

63: Tabakow P, Raisman G, Fortuna W, Czyz M, Huber J, Li D, Szewczyk P, Okurowski S, Miedzybrodzki R, Czapiga B, Salomon B, Halon A, Li Y, Lipiec J, Kulczyk A, Jarmundowicz W. Functional regeneration of supraspinal connections in a patient with transected spinal cord following transplantation of bulbar olfactory ensheathing cells with peripheral nerve bridging. *Cell Transplant.* 2014;23(12):1631-55. doi: 10.3727/096368914x685131. Epub 2014 Oct 21. PubMed PMID: 25338642.

64: Reichert P, Kiełbowicz Z, Dzięgiel P, Puła B, Kuryszko J, Gosk J, Bocheńska A. The rabbit brachial plexus as a model for nerve repair surgery-histomorphometric analysis. *Anat Rec (Hoboken).* 2015 Feb;298(2):444-54. doi: 10.1002/ar.23058. Epub 2014 Oct 18. PubMed PMID: 25284580.

65: Marycz K, Szarek D, Grzesiak J, Wrzeszcz K. Influence of modified alginate hydrogels on mesenchymal stem cells and olfactory bulb-derived glial cells cultures. *Biomed Mater Eng.* 2014;24(3):1625-37. doi: 10.3233/BME-140966. PubMed PMID: 24840200.

66: Poncyłjusz W, Biliński P, Safranow K, Baron J, Zbrozczyk M, Jaworski M, Bereza S, Burke TH. The LVIS/LVIS Jr. stents in the treatment of wide-neck intracranial aneurysms: multicentre registry. *J Neurointerv Surg.* 2015 Jul;7(7):524-9. doi: 10.1136/neurintsurg-2014-011229. Epub 2014 May 14. PubMed PMID: 24827067.

67: Gosk J, Wnukiewicz W, Urban M. The effect of perinatal brachial plexus lesion on upper limb development. *BMC Musculoskelet Disord.* 2014 Apr 2;15:116. doi: 10.1186/1471-2474-15-116. PubMed PMID: 24694070; PubMed Central PMCID: PMC3976457.

68: Polak K, Czyż M, Ścigała K, Jarmundowicz W, Będziński R. Biomechanical characteristics of the porcine denticulate ligament in different vertebral levels of the cervical spine-preliminary results of an experimental study. *J Mech Behav Biomed Mater.* 2014 Jun;34:165-70. doi: 10.1016/j.jmbbm.2014.02.010. Epub 2014 Feb 14. PubMed PMID: 24583921.

69: Protasiewicz M, Początek K, Banasik M, Poręba R, Podgórski M, Kurcz J, Mysiak A, Klinger M, Boratyńska M. Successful renal artery denervation in a renal transplant recipient with refractory hypertension. *Am J Hypertens.* 2014 Jul;27(7):982-4. doi: 10.1093/ajh/hpt291. Epub 2014 Feb 19. PubMed PMID: 24552889.

70: Niewinski P, Janczak D, Rucinski A, Tubek S, Engelman ZJ, Jazwiec P, Banasiak W, Sobotka PA, Hart EC, Paton JF, Ponikowski P. Dissociation between blood pressure and heart rate response to hypoxia after bilateral carotid body removal in men with systolic heart failure. *Exp Physiol.* 2014 Mar;99(3):552-61. doi: 10.1113/expphysiol.2013.075580. Epub 2013 Nov 15. PubMed PMID: 24243836.

71: Czapiga B, Kozba-Gosztyła M, Czapiga A, Jarmundowicz W, Rosinczuk-Tonderys J, Krautwald-Kowalska M. Recovery and quality of life in patients with ruptured cerebral aneurysms. *Rehabil Nurs.*

2014 Sep-Oct;39(5):250-9. doi: 10.1002/rnj.125. Epub 2013 Aug 28. PubMed PMID: 24038042.

72: Tabakow P, Jarmundowicz W, Czapiga B, Fortuna W, Miedzybrodzki R, Czyz M, Huber J, Szarek D, Okurowski S, Szewczyk P, Gorski A, Raisman G. Transplantation of autologous olfactory ensheathing cells in complete human spinal cord injury. *Cell Transplant*. 2013;22(9):1591-612. doi: 10.3727/096368912x663532. PubMed PMID: 24007776.

73: Czapiga B, Koźba-Gosztyła M, Jarmundowicz W, Szczepański T. Surgical management in patients with aneurysmal subarachnoid hemorrhage. The outcomes in the paradigm shift period. *Adv Clin Exp Med*. 2013 Jul-Aug;22(4):539-47. PubMed PMID: 23986214.

74: Szarek D, Marycz K, Bednarz P, Tabakow P, Jarmundowicz W, Laska J. Influence of calcium alginate on peripheral nerve regeneration: in vivo study. *Biotechnol Appl Biochem*. 2013 Nov-Dec;60(6):547-56. doi: 10.1002/bab.1096. Epub 2013 Aug 3. PubMed PMID: 23909973.

75: Czyż M, Tabakow P, Gheek D, Miś M, Jarmundowicz W, Raisman G. The supraorbital keyhole approach via an eyebrow incision applied to obtain the olfactory bulb as a source of olfactory ensheathing cells—radiological feasibility study. *Br J Neurosurg*. 2014 Apr;28(2):234-40. doi: 10.3109/02688697.2013.817534. Epub 2013 Jul 19. PubMed PMID: 23869574.

76: Tabakow P, Czyz M, Szewczyk P, Weiser A, Jarmundowicz W. Usefulness of intraoperative magnetic resonance ventriculography during endoscopic third ventriculostomy. *Neurosurgery*. 2013 Oct;73(4):730-8; discussion 738. doi: 10.1227/NEU.0000000000000063. PubMed PMID: 23839517.

77: Zub LW, Szymczyk M, Pokryszko-Dragan A, Bilińska M. Evaluation of pain in patients with lumbar disc surgery using VAS scale and quantitative sensory testing. *Adv Clin Exp Med*. 2013 May-Jun;22(3):411-9. PubMed PMID: 23828683.

78: Woźniak J, Kędzia A, Dudek K. Variability of the trunks and divisions of the brachial plexus in human fetuses. *Adv Clin Exp Med*. 2013 May-Jun;22(3):309-18. PubMed PMID: 23828671.

79: Czyż M, Tabakow P, Weiser A, Lechowicz-Głogowska BE, Zub LW, Jarmundowicz W. The safety and effectiveness of low field intraoperative MRI guidance in frameless stereotactic biopsies of brain tumours—design and interim analysis of a prospective randomized trial. *Neurosurg Rev*. 2014 Jan;37(1):127-37. doi: 10.1007/s10143-013-0486-6. Epub 2013 Jul 3. PubMed PMID: 23821131; PubMed Central PMCID: PMC3889652.

80: Siewiera J, Trnka J, Kübler A. Consent to eventual treatment in the intensive care unit expressed within the consent form for elective anaesthesia and surgery. *Anaesthesiol Intensive Ther*. 2013 Jan-Mar;45(1):44-8. doi: 10.5603/AIT.2013.0010. Review. PubMed PMID: 23572309.

81: Czyż M, Ścigała K, Będziński R, Jarmundowicz W. Finite element modelling of the cervical spinal cord injury – clinical assessment. *Acta Bioeng Biomech*. 2012;14(4):23-9. PubMed PMID: 23394204.

82: Tabakow P, Czyz M, Jarmundowicz W, Lechowicz-Głogowska E. Surgical treatment of pituitary neuroendocrine tumors using low-field intraoperative magnetic resonance imaging. *Adv Clin Exp Med*. 2012 Jul-Aug;21(4):495-503. PubMed PMID: 23240455.

83: Rosińczuk-Tonderys J, Załuski R, Gdesz M, Lisowska A. Spine and spinal cord injuries—causes and complications. *Adv Clin Exp Med*. 2012 Jul-Aug;21(4):477-85. PubMed PMID: 23240453.

84: Szczepański TA, Weiser A, Zub WL, Jarmundowicz W, Koźba-Gosztyła M, Czapiga B. Assessment of cerebral blood flow during infusion test in the diagnosis of normal pressure hydrocephalus. *Adv Clin*

Exp Med. 2012 Jan-Feb;21(1):55-61. PubMed PMID: 23214300.

85: Szarek D, Marycz K, Laska J, Bednarz P, Jarmundowicz W. Assessment of in vivo behavior of polymer tube nerve grafts simultaneously with the peripheral nerve regeneration process using scanning electron microscopy technique. Scanning. 2013 Jul-Aug;35(4):232-45. doi: 10.1002/sca.21056. Epub 2012 Oct 4. PubMed PMID: 23037803.

86: Czyż M, Tabakow P, Jarmundowicz W, Lechowicz-Głogowska B. Intraoperative magnetic resonance-guided frameless stereotactic biopsies - initial clinical experience. Neurol Neurochir Pol. 2012 Mar-Apr;46(2):157-60. PubMed PMID: 22581597.

87: Czyż M, Scigała K, Jarmundowicz W, Będziński R. Numerical model of the human cervical spinal cord-the development and validation. Acta Bioeng Biomech. 2011;13(4):51-8. PubMed PMID: 22339282.

88: Gosk J, Rutowski R, Urban M, Wiącek R, Mazurek P, Wnukiewicz W. Neurolysis of the conducting neuroma-in-continuity in perinatal brachial plexus palsy - evaluation of the results of surgical treatment. Folia Neuropathol. 2011;49(3):197-203. PubMed PMID: 22101953.

89: Szynglarewicz B, Kasprzak P, Kornafel J, Forgacz J, Pudelko M, Majewski A, Matkowski R. Duration time of vacuum-assisted biopsy for nonpalpable breast masses: comparison between stereotactic and ultrasound-guided procedure. Tumori. 2011 Jul-Aug;97(4):517-21. doi: 10.1700/950.10407. PubMed PMID: 21989443.

90: Czyż M, Tabakow P, Lechowicz-Głogowska B, Jarmundowicz W. Prospective study on the efficacy of low-field intraoperative magnetic resonance imaging in neurosurgical operations. Neurol Neurochir Pol. 2011 May-Jun;45(3):226-34. PubMed PMID: 21866479.

91: Gosk J, Rutowski R, Wiącek R, Urban M, Mazurek P. Preganglionic injuries in perinatal brachial plexus palsies - results of surgical treatment. Neurol Neurochir Pol. 2011 Mar-Apr;45(2):140-7. PubMed PMID: 21574118.

92: Ejma M, Koszewicz M, Podemski R, Marianska K, Budrewicz S, Turek T. Anatomical variation of the vertebral artery clinically mimicking myasthenia gravis. Neurol Sci. 2011 Aug;32(4):715-7. doi: 10.1007/s10072-011-0594-4. Epub 2011 May 5. PubMed PMID: 21544664.

93: Gosk J, Rutowski R, Wnukiewicz W, Wiącek R, Urban M, Rabczyński J. Comparison of the results of surgical treatment after direct neurorrhaphy and reconstruction with sural nerve grafts in perinatal brachial plexus lesions. Folia Neuropathol. 2010;48(4):270-5. PubMed PMID: 21225509.

94: Wroński J. Dr Ernest Ferens - Head of the Department of Neurosurgery at Wrocław University and University of Technology in 1948-50. Neurol Neurochir Pol. 2009 May-Jun;43(3):298-303. English, Polish. PubMed PMID: 19637409.

95: Jawiarczyk A, Kałużny M, Bolanowski M, Bednarek-Tupikowska G. Additional metabolic effects of adding GH receptor antagonist to long-acting somatostatin analog in patients with active acromegaly. Neuro Endocrinol Lett. 2008 Aug;29(4):571-6. PubMed PMID: 18766168.

96: Szotek S, Kobielarz M, Maksymowicz K. Mechanical response of brain to mechanical stimuli-animal model investigation. Neurol Neurochir Pol. 2007 Nov-Dec;41(6):525-32. PubMed PMID: 18224575.

97: Piotrowska N, Winkler PA. Otfried Foerster, the great neurologist and neurosurgeon from Breslau (Wrocław): his influence on early neurosurgeons and legacy to present-day neurosurgery. J Neurosurg.

2007 Aug;107(2):451-6. PubMed PMID: 17695406.

98: Kobus K, Wegrzyn M, Lekston Z, Morawiec H, Drugacz J. Modeling of scaphocephaly using superelastic titanium-nickel rings: a preliminary report. *J Craniofac Surg.* 2007 May;18(3):504-10. PubMed PMID: 17538309.

99: Gosk J, Rutowski R, Urban M, Wiecek R, Rabczyński J. Brachial plexus injuries after radiotherapy - analysis of 6 cases. *Folia Neuropathol.* 2007;45(1):31-5. PubMed PMID: 17357009.

100: Bolanowski M, Zatonska K, Kaluzny M, Zielinski G, Bednarek-Tupikowska G, Bohdanowicz-Pawlak A, Daroszewski J, Szymczak J, Podgorski JK. A follow-up of 130 patients with acromegaly in a single centre. *Neuro Endocrinol Lett.* 2006 Dec;27(6):828-32. PubMed PMID: 17187024.

101: Miedzybrodzki R, Tabakow P, Fortuna W, Czapiga B, Jarmundowicz W. The olfactory bulb and olfactory mucosa obtained from human cadaver donors as a source of olfactory ensheathing cells. *Glia.* 2006 Nov 1;54(6):557-65. PubMed PMID: 16917854.

102: Bagłaj M, Ladogórska J, Rysiakiewicz K. Closure of large myelomeningocele with Ramirez technique. *Childs Nerv Syst.* 2006 Dec;22(12):1625-9. Epub 2006 May 18. PubMed PMID: 16708250.

103: Gosk J, Rutowski R, Rabczyński J. The lower extremity nerve injuries - own experience in surgical treatment. *Folia Neuropathol.* 2005;43(3):148-52. PubMed PMID: 16245209.

104: Gosk J, Rutowski R, Rabczyński J. The analysis of the intra-surgical view of the obstetric brachial plexus palsy. *Folia Neuropathol.* 2005;43(3):143-7. PubMed PMID: 16245208.

105: Latka M, Kozik A, Jernajczyk J, West BJ, Jernajczyk W. Wavelet mapping of sleep spindles in young patients with epilepsy. *J Physiol Pharmacol.* 2005 Sep;56 Suppl 4:15-20. PubMed PMID: 16204772.

106: Tabakow P, Jarmundowicz W, Czapiga B, Czapiga E. Brain abscess as the first clinical manifestation of multiple pulmonary arteriovenous malformations in a patient with hereditary hemorrhagic telangiectasia (Rendu-Osler-Weber disease). *Folia Neuropathol.* 2005;43(1):41-4. PubMed PMID: 15827889.

107: Jerzy G, Roman R, Jerzy R. Peripheral nerve tumours in own material. *Folia Neuropathol.* 2004;42(4):203-7. PubMed PMID: 15679038.

108: Gosk J, Rutowski R, Zimmer K, Rabczyński J. Brachial plexus tumours-own experience in diagnostics and surgical treatment. *Folia Neuropathol.* 2004;42(3):171-5. PubMed PMID: 15535036.

109: Jarmundowicz W, Tabakow P, Markowska-Woyciechowska A. Composite split cord malformation coexisting with spinal cord teratoma-case report and review of the literature. *Folia Neuropathol.* 2004;42(1):55-7. Review. PubMed PMID: 15119747.

110: Wroński J, Juniewicz H, Mierzwa J, Zub L. The concept of cerebral circulatory-pressure index (CCPI). *Neurol Neurochir Pol.* 2000;34(6 Suppl):80-8. PubMed PMID: 11452860.

111: Ferber J, Juniewicz H, Głogowska E, Wroński J, Abraszko R, Mierzwa J. Tramadol for postoperative analgesia in intracranial surgery. Its effect on ICP and CPP. *Neurol Neurochir Pol.* 2000;34(6 Suppl):70-9. PubMed PMID: 11452859.

112: el Hendawy M, Wroński J, Juniewicz H, Szarek W, Wojda J. Cerebral vasospasm detection by TCD after supratentorial brain tumours surgery. *Neurol Neurochir Pol.* 2000;34(6 Suppl):114-23. PubMed

PMID: 11452846.

113: Rutowski R. Neurotizations by means of the cervical plexus in over 100 patients with from one to five root avulsions of the brachial plexus. Microsurgery. 1993;14(4):285-8. PubMed PMID: 8412641.

114: Wroński J. Foerster's activity and neurosurgery in Wrocław (Breslau). Zentralbl Neurochir. 1991;52(4):153-63. PubMed PMID: 1810104.

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