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Since 2020, she has been working at the Department of Public Health as a researcher. Her professional activities focus primarily on the epidemiology of chronic diseases and traumatic brain injuries. She has been involved in several national and international research projects over the years. Within the international PRESCRIP-TEC project, she served as the Slovak team coordinator. She is also involved in teaching the courses Epidemiological Data Analysis I and II and Quantitative Methods in Public Health.

Year of birth: 1993

PhD awarded: 2020

Selected Publications

1. Melichová, J.; Sivčo, P.; Rusnák, M.; Pham, P. T.; Majdan, M. – International evidence-based guidelines on hypertension and type 2 diabetes mellitus: A systematic review. – [peer-reviewed]. – DOI: 10.1177/22799036221146913. – Scopus. In: Journal of Public Health Research [print] [electronic]. – Pavia, Italy: PagePress. – ISSN 2279-9028. – ISSN (online) 2279-9036. – Vol. 12, No. 1 (2023), pp. 1-9.
2. Majdan, M.; Melichová, J.; Plančíková, D.; Sivčo, P.; Maas, A.; Feigin, V. L.; Polinder, S.; Haagsma, J. – Burden of Traumatic Brain Injuries in Children and Adolescents in Europe: Hospital Discharges, Deaths and Years of Life Lost. – [peer-reviewed]. – DOI: 10.3390/children9010105. – Web of Science Core Collection; Scopus; Current Contents Connect. In: Children [electronic]. – Basel, Switzerland: Multidisciplinary Digital Publishing Institute. – ISSN (online) 2227-9067. – Vol. 9, No. 1 (2022), Article 105, pp. 1-11.
3. Sivčo, P.; Plančíková, D.; Melichová, J.; Rusnák, M.; Hereitová, I.; Beránek, V.; Cibulka, R.; Majdan, M. – Traumatic brain injury related deaths in residents and non-residents of 30 European countries: a cross-sectional study. – [peer-reviewed]. – DOI: 10.1038/s41598-023-34560-7. – Web of Science Core Collection; Scopus; Current Contents Connect. In: Scientific Reports [electronic]. – London, United Kingdom: Springer Nature. – ISSN (online) 2045-2322. – Vol. 13, No. 1 (2023), Article 7610, pp. 1-9.
4. Plančíková, D.; Leitgeb, J.; Bražinová, A.; Melichová, J.; Sivčo, P.; Nemčovská, E.; Pekarčíková, J.; Majdan, M. – Characteristics and outcome of severe traumatic brain injuries based on occupational status. – [English]. – [OV 180]. – [article]. – DOI: 10.1007/s00068-020-01372-7. – SIGN-UKO LF UE/21. – TUT ID E079709. – Scopus; Web of Science Core Collection. In: European Journal of Trauma and Emergency Surgery [print] [electronic]. – Heidelberg, Germany: Springer Nature. Springer. – ISSN 1863-9933. – ISSN (online) 1863-9941. – Vol. 47, No. 6 (2021), pp. 2035-2041 [print] [online]. – IF: 2.374 – 2021; SNIP: 1.668 – 2021; SJR: 0.566 – 2021; CiteScore: 4.8 – 2021; AIS: 0.607 – 2021.

5. Sultanov, M.; de Bock, G. H.; Koot, J.; de Zeeuw, J.; Greuter, M. J. W.; Pan, F.; Stekelenburg, J.; Beltman, J. J.; de Fouw, M.; Nakisige, C.; Kabukye, J. K.; Anecho, E.; Nazrul, N.; Kulsum, M. U.; Rahman, A.; Majdan, M.; Melichová, J.; Sokolová, J.; van der Schans, J. – High-risk human papillomavirus testing for underscreened populations: cost-effectiveness and affordability in three country settings. – [English]. – [OV 180]. – [ŠO 5607, 5618]. – [article]. – [peer-reviewed]. – DOI: 10.1186/s12889-025-23791-0. – AKK-TUT-VZ A+. – AKK-TUT-LVM A+. – Current Contents Connect; Web of Science Core Collection. In: BMC Public Health [electronic]. – London, United Kingdom: Springer Nature. BioMed Central. – ISSN (online) 1471-2458. – Vol. 25, No. 1 (2025), Article 2570, pp. 1-11. – IF: 3.6 – 2024; SNIP: 1.387 – 2024; SJR: 1.359 – 2024; CiteScore: 6 – 2024; AIS: 1.131 – 2024.

Grants

- Impact of the COVID-19 pandemic on participation in cytological screening examinations in Slovakia
- Traumatic brain injuries among tourists and migrants in Europe
- Characteristics and outcomes of traumatic brain injuries based on occupational status
- Population and social burden of traumatic brain injuries among children and young adults in 30 European countries