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| **Charakteristika predkladaného výstupu tvorivej činnosti /  Characteristics of the submitted research/ artistic/other output** | | | | | |
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|  | |  | |  | |  | |
| *Tlačivo VTC slúži na predkladanie výstupov tvorivej činnosti podľa metodiky hodnotenia tvorivých činností (časť V. Metodiky na vyhodnocovanie štandardov) / The form is used to submit the research/artistic/other outputs according to the evaluation methodology of research/artistic/other activities (part V. The Methodology for Standards Evaluation).* | | | | | |  | |
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|  | |  | |  | |  | |
|  | | [ID konania/ID of the procedure: 1](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | |  | |  | |
|  | | [Kód VTC/Code of the research/artistic/other output (RAOO):](file:///E:\\Šablony%20akreditácia\\4_VTC.xlsx" \l "'poznamky_explanatory notes'!A1)[1](file:///E:\\Šablony%20akreditácia\\4_VTC.xlsx" \l "'poznamky_explanatory notes'!A1) | |  | |  | |
|  | |  | |  | |  | |
| [OCA1. Priezvisko hodnotenej osoby / Surname awarded to the assessed person 2](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | Mrázová | |  | |
| [OCA2. Meno hodnotenej osoby / Name awarded to the assessed person 2](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | Mariana | |  | |
| [OCA3. Tituly hodnotenej osoby / Degrees awarded to the assessed person 2](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | prof. MUDr. Mgr. PhD, MHA. | |  | |
| [OCA4. Hyperlink na záznam osoby v Registri zamestnancov vysokých škôl / Hyperlink to the entry of the person in the Register of university staff 3](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | https://www.portalvs.sk/regzam/detail/12356 | |  | |
| [OCA5. Oblasť posudzovania / Area of assessment 4](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | Verejné zdravotníctvo I., II. a III.stupeň/ Public Health I . II. and III. Degree | |  | |
| [OCA6. Kategória výstupu tvorivej činnosti / Category of the research/ artistic/other output  *Výber zo 6 možností (pozri Vysvetlivky k položke OCA6) / Choice from 6 options (see Explanations for OCA6).*](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#Expl.OCA6!A1) | | | | A+, V3 Vedecký výstup / scientific output  IF 7,8 - 2022 | |  | |
| OCA7. Rok vydania výstupu tvorivej činnosti / Year of publication of the research/artistic/other output | | | | 2022 | |  | |
| [OCA8. ID záznamu v CREPČ alebo CREUČ *(ak je)* / ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of Artistic Activity (CRAA) 5](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | ID = 1009932 | |  | |
| [OCA9. Hyperlink na záznam v CREPČ alebo CREUČ / Hyperlink to the record in CRPA or CRAA 6](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | https://app.crepc.sk/?fn=detailBiblioFormChildGG5SA&sid=1A965244A0E4343C731DFD7AD83C&seo=CREP%C4%8C-detail-%C4%8Cl%C3%A1nok | |  | |
| Charakteristika výstupu, ktorý nie je registrovaný v CREPČ alebo CREUČ / Characteristics of the output that is not registered in CRPA or CRAA | | [OCA10. Hyperlink na záznam v inom verejne prístupnom registri, katalógu výstupov tvorivých činností / Hyperlink to the record in another publicly accessible register, catalogue of research/ artistic/other outputs 7](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9864312/pdf/jcm-12-00628.pdf>  https://pubmed.ncbi.nlm.nih.gov/36016081/ | |  | |
|  | | OCA11. Charakteristika výstupu vo formáte bibliografického záznamu CREPČ alebo CREUČ, ak výstup nie je vo verejne prístupnom registri alebo katalógu výstupov / Characteristics of the output in the format of the CRPA or the CRAA bibliographic record, if the output is not available in a publicly accessible register or catalogue of outputs | | Porru, Stefano, Maria Grazia Lourdes Monaco, Gianluca Spiteri, Angela Carta, Maria Diletta Pezzani, Giuseppe Lippi, Davide Gibellini, Evelina Tacconelli, Ilaria Dalla Vecchia, Emma Sala, and et al. 2022. "SARS-CoV-2 Breakthrough Infections: Incidence and Risk Factors in a Large European Multicentric Cohort of Health Workers" *Vaccines* 10, no. 8: 1193. https://doi.org/10.3390/vaccines10081193 | |  | |
|  | | [OCA12. Typ výstupu (ak nie je výstup registrovaný v CREPČ alebo CREUČ) / Type of the output (if the output is not registered in CRPA or CRAA) *Výber zo 67 možností (pozri Vysvetlivky k položke OCA12) / Choice from 67 options (see Explanations for OCA12).*](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#Expl.OCA12!A1) | | A+, V3 Vedecký výstup / scientific output | |  | |
|  | | OCA13. Hyperlink na stránku, na ktorej je výstup sprístupnený (úplný text, iná dokumentácia a podobne) / Hyperlink to the webpage where the output is available (full text, other documentation, etc.) | | https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9864312/pdf/jcm-12-00628.pdf  https://www.mdpi.com/2076-393X/10/8/1193 | |  | |
|  | | OCA14. Charakteristika autorského vkladu / Characteristics of the author's contribution | | Člen pracovnej skupiny/ ORCHESTRA WP5 WORKONG GROUP, 1,375% | |  | |
|  | | [OCA15. Anotácia výstupu s kontextovými informáciami týkajúcimi sa opisu tvorivého procesu a obsahu tvorivej činnosti a pod. / Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc. 8*Rozsah do 200 slov v slovenskom jazyku / Range up to 200 words in SlovakRozsah do 200 slov v anglickom jazyku / Range up to 200 words in English*](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | Cieľom výskumu bolo preskúmať výskyt prelomových infekcií SARS-CoV-2 a ich determinantov vo veľkej európskej kohorte viac ako 60 000 zdravotníckych pracovníkov.  Metódy: V rámci projektu ORCHESTRA bola realizovaná multicentrická retrospektívna kohortová štúdia, do ktorej bolo zapojených 12 európskych centier a zbierala sa do 18. novembra 2021 údaje o plne zaočkovaných zdravotníckych pracovníkoch. Kumulatívna incidencia prelomových infekcií SARS-CoV-2 bola skúmaná v súvislosti s pracovnými a sociálno-demografickými charakteristikami (vek, pohlavie, pracovná pozícia, predchádzajúca infekcia SARS-CoV-2, hladiny titrov protilátok a čas od ukončenia očkovacej kúry ).  /The research aimed to investigate the incidence of SARS-CoV-2 breakthrough infections and their determinants in a large European cohort of more than 60,000 health workers.  Methods: A multicentric retrospective cohort study, involving 12 European centers, was carried out within the ORCHESTRA project, collecting data up to 18 November 2021 on fully vaccinated health workers. The cumulative incidence of SARS-CoV-2 breakthrough infections was investigated with its association with occupational and social-demographic characteristics (age, sex, job title, previous SARS-CoV-2 infection, antibody titer levels, and time from the vaccination course completion). | |  | |
| [OCA16. Anotácia výstupu v anglickom jazyku / Annotation of the output in English  9*Rozsah do 200 slov / Range up to 200 words*](file:///E:\Šablony%20akreditácia\4_VTC.xlsx#'poznamky_explanatory notes'!A1) | | | | A multicenter retrospective cohort study of HWs (including workers dedicated to clinical activities, as well as technicians and administrative workers) from 12 European centers involved in the ORCHESTRA project was performed. Data were collected from the following healthcare settings, mainly University Hospital places: Italy (Bari, Bologna, Brescia, Modena, Padova Perugia, Torino, Trieste, and Verona), Romania, Slovakia, and Spain (Oviedo). This study followed the Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) reporting guidelines | |  | |
| OCA17. Zoznam najviac 5 najvýznamnejších ohlasov na výstup / List of maximum 5 most significant citations corresponding to the output  *Rozsah do 200 slov / Range up to 200 words* | | | | **[Protective role of SARS-CoV-2 anti-S IgG against breakthrough infections among European healthcare workers during pre and post-Omicron surge—ORCHESTRA project](https://doi.org/10.1007/s15010-024-02189-x" \t "_blank)**  [Article in](https://doi.org/10.1007/s15010-024-02189-x" \t "_blank)**[Infection](https://doi.org/10.1007/s15010-024-02189-x" \t "_blank)**[(February 2024)](https://doi.org/10.1007/s15010-024-02189-x" \t "_blank)  **[The impact of COVID-19 on pulmonary, neurological, and cardiac outcomes: evidence from a Mendelian randomization study](https://doi.org/10.3389/fpubh.2023.1303183" \t "_blank)**  [Article in](https://doi.org/10.3389/fpubh.2023.1303183" \t "_blank)**[Frontiers in Public Health](https://doi.org/10.3389/fpubh.2023.1303183" \t "_blank)**[(December 2023)](https://doi.org/10.3389/fpubh.2023.1303183" \t "_blank)  **[The impact of SARS-CoV-2 on healthcare workers of a large University Hospital in the Veneto Region: risk of infection and clinical presentation in relation to different pandemic phases and some relevant determinants](https://doi.org/10.3389/fpubh.2023.1250911" \t "_blank)**  [Article in](https://doi.org/10.3389/fpubh.2023.1250911" \t "_blank)**[Frontiers in Public Health](https://doi.org/10.3389/fpubh.2023.1250911" \t "_blank)**[(November 2023)](https://doi.org/10.3389/fpubh.2023.1250911" \t "_blank)  [SARS-CoV-2 Infections, Re-Infections and Clinical Characteristics: A Two-Year Retrospective Study in a Large University Hospital Cohort of Vaccinated Healthcare Workers](https://app.dimensions.ai/details/publication/pub.1165303446)  Luigi De Maria, Giuseppe Delvecchio, Stefania Sponselli, Francesco Cafaro, Antonio Caputi, Gianmarco Giannelli, Pasquale Stefanizzi, Francesco Paolo Bianchi, Angela Stufano, Silvio Tafuri, Piero Lovreglio, Paolo Boffetta, Luigi Vimercati, 2023, Journal of Clinical Medicine - Article  [Determinants of compliance to influenza and COVID-19 vaccination in a cohort of solid organ transplant patients in Puglia, Southern Italy (2017–2022)](https://app.dimensions.ai/details/publication/pub.1164948793)  Pasquale Stefanizzi, Francesco Paolo Bianchi, Lorenza Moscara, Andrea Martinelli, Antonio Di Lorenzo, Loreto Gesualdo, Simona Simone, Maria Rendina, Silvio Tafuri  2023, Human Vaccines & Immunotherapeutics - Article | |  | |
| OCA18. Charakteristika dopadu výstupu na spoločensko-hospodársku prax / Characteristics of the output's impact on socio-economic practice  *Rozsah do 200 slov v slovenskom jazyku / Range up to 200 words in Slovak Rozsah do 200 slov v anglickom jazyku / Range up to 200 words in English* | | | | Inverzná korelácia titra protilátok s rizikom prelomovej infekcie podporuje dôkaz, že očkovanie zohráva primárnu úlohu v prevencii infekcií, najmä u zdravotníckych pracovníkov. Bunková imunita, predchádzajúce klinické stavy a načasovanie očkovania by sa mali ďalej skúmať. Táto štúdia potvrdila, že infekcie SARS-CoV-2 sa môžu vyskytnúť aj po úplnom očkovacom cykle; klinický priebeh je však priaznivý a závažné výsledky sú však znížené.  Mierna frekvencia COVID-19 (9,7 %) bola u zaočkovaných zdravotníckych pracovníkov, z ktorých väčšina bola symptomatická (88 %). Všetky prípady  symptomatickej BI v čase opätovného prijatia do práce vykazovali progresívne vymiznutie symptómov v nasledujúcich dňoch, takže žiadne prípady dlhodobého COVID a žiadne hospitalizácie ani úmrtia. Zdá sa, že očkovanie BNT162b2 poskytuje ochranu pred ťažkým ochorením, ale zistenia vyvolávajú obavy z nižšej ochrany poskytovanej v súvislosti s prenosom. Tento fakt zdôrazňuje potrebu pokračujúcich ochranných opatrení, aby sa zabránilo šíreniu infekcie SARS-CoV-2 v nemocničnom prostredí.  /The inverse correlation of antibody titer with the risk of breakthrough infection supports the evidence that vaccination plays a primary role in infection prevention, especially in health workers. Cellular immunity, previous clinical conditions, and vaccination timing should be further investigated. This study confirmed that SARS-CoV-2 infections can occur even after a full vaccination course; however, the clinical course is favorable, and severe outcomes are reduced. There was a moderate frequency of COVID-19 (9.7%) in vaccinated Healthcareworkers, most of which were symptomatic (88%). All cases of symptomatic BI at the time of readmission to work showed progressive disappearance of symptoms in the following days, so no cases of long-COVID and no hospitalizations or deaths were recorded. Female HCWs and nurses were significantly more affected by  BIs. The BNT162b2 vaccination seemed to provide protection from severe disease, but the findings raise concerns about lower protection provided regarding transmission. This weakness highlights the need for continuing protective measures to prevent the spread of SARS-CoV-2 infection in hospital settings. | |  | |
| OCA19. Charakteristika dopadu výstupu a súvisiacich aktivít na vzdelávací proces / Characteristics of the output and related activities' impact on the educational process *Rozsah do 200 slov v slovenskom jazyku / Range up to 200 words in Slovak Rozsah do 200 slov v anglickom jazyku / Range up to 200 words in English* | | | | Štúdia preukázala význam očkovania aj v prípadoch objavenia sa nákazy u očkovanej populácie, najmä z dôvodu ľahšieho priebehu a nízkej úmrtnosti, a to aj napriek častejšiemu výskytu. Opäť sa potvrdil význam edukácie laickej aj odbornej verejnosti o potrebe ochrany pred nákazou a význame očkovania.  /The study demonstrated the importance of vaccination even in cases of the appearance of the disease in the vaccinated population, mainly because of the easier course and low mortality, despite the more frequent occurrence. Once again, the importance of educating the lay and professional public about the need for protection against infection and the importance of vaccination was confirmed. | |  | |