



## EDITORIAL / УВОДНИК

## Physicians are humans and replaceable – the current millennium approach



Irrelevant of the challenges we face, at the beginning of each new year, we are confident it will be a better and more successful in every way. And it's simply human to feel that way. Standing on the shoulders of so many generations of healthcare workers in Serbia and worldwide and what their experience taught us over the past 150 years in Serbia [1, 2, 3], we embark on this year's adventures with nonetheless zeal. Since the beginning of the COVID-19 pandemic and its changing Serbia's health sector landscape since the early 2020, each new year brings new surprises [4, 5, 6].

First and foremost, we have to thank our reviewers for the time invested in our journal, despite their everyday clinical workload. These hours of unpaid work have been taken from their families, their loved ones and their own sleep (Table 1). This is the third year in a row that we try to rank them and familiarize you with their faces, for their investment that counts the most in the preservation of our journal. In 2022, the first place by number of reviews are shared between Professors Ljubomir Todorović (Figure 1) and Predrag Vučinić (Figure 2), the second Professors Dragoš Stojanović (Figure 3) and Jelena Milašin (Figure 4) and the third, Professors Nataša Rajković (Figure 5) and Nebojša Stojanović (Figure 6).

Both our doctors and our reviewers have shown remarkable dedication over the years, and the COVID-19 pandemic keeps draining them even more, as new strains of the virus appear [4]. In sign of support, our doctors used to receive applause each evening from the balconies since spring 2020, both in Belgrade and across Serbia. That standing ovation was a worldwide phenomenon. But then, we got tired,

while they tirelessly – even when falling victims to COVID-19 themselves – kept standing up from their own sickbeds and kept fighting for the lives of their patients, until they were reinfected again. And that is what they do today. Not only our doctors, but our nurses and all allied healthcare professions that our healthcare system is based on. The merciless first wave of the COVID-19 pandemic took lives of so many of them in a devastating way [5, 7].

Historical sources claim doctors used to be revered as much as Gods [8], but how and when people substituted the admiration for aggression remains to be explained by historians, psychologist, philosophers and the unavoidable economists. The attacks on healthcare workers were already well-described long before the COVID-19 pandemic [9, 10], and it's making our colleagues across the Atlantic even teach new trainees not to carry their stethoscopes in the traditional around-the-neck fashion, not to facilitate a potential attack. The growing hospital violence is discouraging the healthcare sector, while the use of easily accessible social media is enabling the voicing dissatisfaction with the government.

The changes in the economy landscape due to COVID-19 pandemic is influencing the decision of pharmacoeconomists to further cut costs across healthcare field, as it is known as the notorious “big spender”. Understaffing across all spectrums of jobs in healthcare has become the “new normal”, where emergency departments (EDs) replace their doctors with nonphysician practitioners. Nevertheless, it physiologically creates the chain reaction that, for instance, creates “frequent fliers” – term already used for frequently hospitalized

**Received • Примљено:**

February 22, 2023

**Accepted • Прихваћено:**

February 24, 2023

**Online first:** February 27, 2023

**Correspondence to:**

Gordana TEOFILOVSKI PARAPID  
Honorary President, Serbian  
Anatomical Society Honorary  
President, International  
Committee of Symposia on  
Morphological Sciences  
IP President, European Federation  
for Experimental Morphology  
University of Belgrade  
Faculty of Medicine  
Belgrade  
Serbia  
[gordana.teofilovski.parapid@srpskiarhiv.rs](mailto:gordana.teofilovski.parapid@srpskiarhiv.rs)



**Figure 1.** Professor Ljubomir Todorović (University of Belgrade, School of Dental Medicine, Belgrade, Serbia)



**Figure 2.** Professor Predrag Vučinić (University of Novi Sad, Faculty of Medicine, Department of Dentistry, Novi Sad, Serbia)



**Figure 3.** Professor Dragoš Stojanović (University of Belgrade, Faculty of Medicine, University Clinical Centre Zemun, Belgrade, Serbia)



**Figure 4.** Professor Jelena Milašin (University of Belgrade, School of Dental Medicine, Department of Human Genetics, Belgrade, Serbia)



**Figure 5.** Professor Nataša Rajković (University of Belgrade, Faculty of Medicine, University Clinical Centre of Serbia, Clinic for Endocrinology, Diabetes and Metabolic Diseases, Belgrade, Serbia)



**Figure 6.** Professor Nebojša Stanković (Retired colonel, Military Medical Academy, Belgrade, Serbia)

end-stage heart failure patients necessitating repeated hospitalizations and imaging, thus increasing the costs in these very same EDs [11]. Even if we ignore the cost of this futile imaging, it is yet to be determined whether employment of nonphysician practitioner instead of medical doctors generates these requests for imaging, while the greater concern has to be for the patients and the radiation burden they increase, potentially aggravating their own long-term health.

The ongoing COVID-19 pandemic might mimic the turmoil the generations of our ancestors lived during the World War I and World War II, but, if so, when did we start to leave our sick and wounded on the battle field instead of carry them to safety and give them the time they need to heal and recover? In a society that promotes alienation, superficial virtual contact and borderline minimal education, where the children of today mandate how to be

taught while their teachers should stay mum, it is on the healthcare sector to regroup and protect their own, for, apparently, no one else will.

**Conflict of interest:** None declared.

Editor-in-Chief  
Prof. Gordana Teofilovski-Parapid, M.D., Ph.D.  
Honorary President, Serbian Anatomical Society  
Honorary President, International Committee of  
Symposia on Morphological Sciences,  
IP President, European Federation for Experimental  
Morphology  
University of Belgrade, Faculty of Medicine, Belgrade,  
Serbia  
gordana.teofilovski.parapid@srpskiarhiv.rs

## REFERENCES

- Gordana Teofilovski-Parapid G. The Serbian Archives of Medicine – the 150 Years' Long Tradition. *Srp Arh Celok Lek.* 2022;150(1–2):6–9. [DOI: 10.2298/SARH2202006T]
- Čolović R. 150 година Српског лекарског друštva. *Srp Arh Celok Lek.* 2022;150(3–4):132–7. [DOI: 10.2298/SARH220404039C]
- Teofilovski Parapid G. 150th anniversary of the Serbian Medical Society – the year in review. *Srp Arh Celok Lek.* 2022;150(11–12):636–42. [DOI: 10.2298/SARH221221117T]
- Jovanović T, Janković M, Knežević A. Emerging variants of novel coronavirus – myth and reality. *Srp Arh Celok Lek.* 2021;149(3–4):242–6. [DOI: 10.2298/SARH210206026J]

5. Parapid B, Kanjuh V, Kostić V, Polovina S, Dinić M, Lončar Z, et al. Women's health in Serbia – past, present, and future. *Srp Arh Celok Lek.* 2021;149(11–12):745–54. [DOI: 10.2298/SARH211208105P]
6. Đurić D, Bhagavathi Mysore S, Zeghan A, Oudeh A, Al Querem B, Al Humaidan A, et al. Pediatric rehabilitation services during COVID-19 pandemic in the United Arab Emirates. *Srp Arh Celok Lek.* 2022;150(11–12):638–44. [DOI: 10.2298/SARH220722105D]
7. Bauchner H, Easley TJ; entire editorial and publishing staff of JAMA and the JAMA Network. Health Care Heroes of the COVID-19 Pandemic. *JAMA.* 2020;323(20):2021. [DOI: 10.1001/jama.2020.6197] [PMID: 32310289]
8. Bellieni C. Ethical drawbacks of treating doctors as heroes during the COVID pandemic. *Academia Letters* 2021, Article 2700. [DOI: 10.20935/AL2700]
9. Ahmed F, Khizar Memon M, Memon S. Violence against doctors, a serious concern for healthcare organizations to ponder about. *Ann Med Surg (London).* 2017;25:3–5. [DOI: 10.1016/j.amsu.2017.11.003] [PMID: 29255603]
10. Xiao Y, Du N, Chen J, Li YL, Qiu QM, Zhu SY. Workplace violence against doctors in China: A case analysis of the Civil Aviation General Hospital incident. *Front Public Health.* 2022;10:978322. [DOI: 10.3389/fpubh.2022.978322] [PMID: 36111194]
11. Christensen EW, Liu CM, Duszak R Jr, Hirsch JA, Swan TL, Elizabeth Y, et al. Association of State Share of Nonphysician Practitioners with Diagnostic Imaging Ordering Among Emergency Department Visits for Medicare Beneficiaries. *JAMA Netw Open.* 2022;5(11):e2241297. [DOI: 10.1001/jamanetworkopen.2022.41297] [PMID: 36355374]

**Table 1.** The list of the Serbian Archives of Medicine reviewers in 2022

1. Aleksić Dubravka	45. Đukanović Ljubica	89. Krejović Trivić Sanja
2. Alempijević Đorđe	46. Glišić Branislav	90. Krstić Miodrag
3. Antonijević Nebojša	47. Glišić Branislava	91. Krstić Zoran
4. Atanasijević Tatjana	48. Gnjatić Mirjana	92. Krstovski Nada
5. Bančević Vladimir	49. Gojnić Miroslava	93. Kuzmanović Miloš
6. Barać Aleksandra	50. Golubović Zoran	94. Lacroix Richard
7. Barišić Goran	51. Golušin Zoran	95. Lalić Nensi
8. Baskić Dejan	52. Grujičić Danica	96. Lalošević Dušan
9. Bašić Dragoslav	53. Habek Mario	97. Lazović Milica
10. Belojević Goran	54. Ilić Dragan	98. Lešić Aleksandar
11. Bila Jelena	55. Ilijevski Nenad	99. Ležaić Višnja
12. Bila Jovan	56. Ille Tatjana	100. Lovrenčić Huzjan Arijana
13. Bilanović Dragoljub	57. Ivanov Igor	101. Lukić Ljiljana
14. Blagojević Duška	58. Ivanović Mirjana	102. Maksimović Nataša
15. Bokun Jelena	59. Janić Dragana	103. Maliković Aleksandar
16. Bošnjak Roman	60. Janković Radmila	104. Mandić Stojmenović Gorana
17. Božić Marija	61. Janošević Predrag	105. Mandinić Zoran
18. Brkić Zlata	62. Janjić Bojan	106. Manojlović Radovan
19. Budić Ivana	63. Javaid Kassim	107. Manojlović Slavko
20. Bumbaširević Uroš	64. Jeremić Jelena	108. Marić Dragana
21. Bumbaširević Vladimir	65. Jotić Aleksandra	109. Marić Nebojša
22. Cekovska Svetlana	66. Jotić Ana	110. Marić Vesna
23. Cerić Timur	67. Jovanović Dragan	111. Marisavljević Dragomir
24. Crnogorac Snežana	68. Jovanović Gordana	112. Marković Aleksa
25. Cvetković Slobodan	69. Jovanović Ivan	113. Marković Evgenija
26. Čolić Miodrag	70. Jovanović Jovica	114. Marković Nikolić Nataša
27. Čolić Snježana	71. Jovanović Mladen	115. Marković Roberta
28. Čolović Radoje	72. Jovanović Predrag	116. Mayer Miroslav
29. Čupić Maja	73. Jovanović Simić Jelena	117. Mazicioglu Mümtaz
30. Dačić Krnjaja Bojana	74. Jovanović Tanja	118. Medić Deana
31. Damjanov Nemanja	75. Jović Rajko	119. Micev Marjan
32. Danilović Vesna	76. Kadija Marko	120. Mihailović Zoran
33. Dimitrijević Aleksandar	77. Kalezić Nevena	121. Mihalj Marija
34. Dimitrijević Milovan	78. Kalezić Tanja	122. Mijač Dragana
35. Doklešić Krstina	79. Kinov Plamen	123. Mijović Romana
36. Dokmanović Lidija	80. Klibanov Alexander	124. Mikić Aleksandar
37. Dubljanin Raspopović Emilija	81. Knežević Aleksandra	125. Stojičić Milan
38. Dučić Siniša	82. Knežević Srbislav	126. Milašin Jelena
39. Dugonjić Sanja	83. Končar Igor	127. Milašinović Marić Dijana
40. Dulić Oliver	84. Kos Marina	128. Milenković Branislava
41. Džamić Zoran	85. Kovačević Igor	129. Milenković Pavle
42. Đanić Hadžibegović Ana	86. Kozić Duško	130. Miličić Miroslav
43. Đerić Dragoslava	87. Kozomara Ružica	131. Milinčić Nemanja
44. Đikanović Bosiljka	88. Kravić Stevović Tamara	132. Milisavljević Milan

133. Milošević Ivan  
 134. Milovanović Jovica  
 135. Milovanović Srđan  
 136. Misirlić Denčić Sonja  
 137. Mitković Marija  
 138. Mitković Milan  
 139. Mladenović Jasmina  
 140. Nakaš Enita  
 141. Nedeljković Ivana  
 142. Nedeljković Milan  
 143. Nedeljković Nenad  
 144. Nestorović Dragoslav  
 145. Nešković Vojislava  
 146. Nikitović Marina  
 147. Nikolić Dimitrije  
 148. Nikolić Đurović Marina  
 149. Nikolić Igor  
 150. Nikolić Ivan  
 151. Nikolić Jakoba Nataša  
 152. Nikolić Jelena  
 153. Nikolić Predrag  
 154. Nikolić Živorad  
 155. Obradović Đuričić Kosovka  
 156. Obrenović Kirčanski Biljana  
 157. Odalović Božidar  
 158. Opačić Galić Vanja  
 159. Ostojić Predrag  
 160. Ostojić Slavica  
 161. Palibrk Ivan  
 162. Pantić Igor  
 163. Parapid Biljana  
 164. Parezanović Vojislav  
 165. Pavićević Polina  
 166. Pavlović Milorad  
 167. Pavlović Zorana  
 168. Peco Antić Amira  
 169. Pejović Milovančević Milica  
 170. Pekić Đurđević Sandra  
 171. Perić Stojan  
 172. Petronić Ivana  
 173. Petronijević Milan  
 174. Petrović Aleksandra  
 175. Petrović Bojan  
 176. Petrović Ljubomir  
 177. Petrović Milan  
 178. Pilić Igor  
 179. Plaseska Karanfilska Dijana  
 180. Plavšić Aleksandra  
 181. Plešinac Karapandžić Vesna  
 182. Polovina Snežana  
 183. Popovska Perčinić Florina  
 184. Poskurica Mileta  
 185. Potić Jelena  
 186. Prcić Sonja  
 187. Predojević Jelica  
 188. Prijic Sergej  
 189. Pugliatti Maura  
 190. Radević Tatjana  
 191. Radlović Nedeljko  
 192. Radlović Vladimir  
 193. Radojičić Aleksandra  
 194. Radosavljević Aleksandra  
 195. Radosavljević Davorin  
 196. Radovanović Drakče  
 197. Radovanović Zoran  
 198. Radulović Danilo  
 199. Radunović Goran  
 200. Rajković Nataša  
 201. Rasulić Lukas  
 202. Reddy Krishna  
 203. Resan Mirko  
 204. Risimić Dijana  
 205. Ristić Aleksandar  
 206. Ristić Arsen  
 207. Ristić Gorica  
 208. Roganović Jelena  
 209. Romić Predrag  
 210. Rožman Primož  
 211. Sahinli Hayriye  
 212. Saibene Alberto  
 213. Santrač Nada  
 214. Sarajlija Adrijan  
 215. Savić Aleksandar  
 216. Savić Đorđe  
 217. Savić Slobodan  
 218. Sekulić Ana  
 219. Sengul Ilker  
 220. Sgourida Maria  
 221. Siller Matula Jolanta  
 222. Simić Tatjana  
 223. Sinđić Antunović Sanja  
 224. Spiroski Igor  
 225. Srdić Galić Biljana  
 226. Srećković Sunčica  
 227. Staletović Danijela  
 228. Stamenković Bojana  
 229. Stamenković Dragoslav  
 230. Stamenković Miroslav  
 231. Stamenković Željka  
 232. Stanković Nebojša  
 233. Stanojlović Svetlana  
 234. Stefanović Neda  
 235. Stević Marija  
 236. Stojanović Dragoš  
 237. Stojanović Ivan  
 238. Stojanović Miroslav  
 239. Stojanović Roksanda  
 240. Stojčev Stajčić Ljiljana  
 241. Stojimirović Biljana  
 242. Stojković Filipović Jelena  
 243. Stojšić Milosavljević Anastazija  
 244. Stošović Rajica  
 245. Svetel Marina  
 246. Šarenac Tatjana  
 247. Šćepan Ivana  
 248. Šijački Ana  
 249. Škiljević Dušan  
 250. Škodrić Trifunović Vesna  
 251. Šušak Stamenko  
 252. Šušnjar Snežana  
 253. Teofilovski Parapid Gordana  
 254. Tepavčević Zvezdana  
 255. Todorović Jovana  
 256. Todorović Ljubomir  
 257. Todorović Milena  
 258. Tomašević Todorović Snežana  
 259. Tomić Aleksandar  
 260. Trbojević Stanković Jasna  
 261. Trivić Aleksandar  
 262. Trofenciuć Nelu-Mihai  
 263. Tulić Goran  
 264. Tulić Lidija  
 265. Vacić Zoran  
 266. Vapa Dušan  
 267. Velicki Lazar  
 268. Vlatković Vlastimir  
 269. Vojvodić Nikola  
 270. Voll Reinhard  
 271. Vučinić Nikola  
 272. Vučinić Predrag  
 273. Vučinić Violeta  
 274. Vujkov Sanja  
 275. Vukomanović Đurđević Biserka  
 276. Vulićević Zoran  
 277. Yue Shiye  
 278. Zlatković Švenda Mirjana  
 279. Zvekić Svorcan Jelena  
 280. Žarković Miloš  
 281. Živančević Simonović Snežana  
 282. Živković Vesna