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[April 4th, 2025]

Dear Editor-in-Chief,

I am pleased to submit an original research article entitled “Evaluation of Clinical Profiles in Patients with Benign Pituitary Tumors” done in cooperation with the following authors: Aleksandra Marković, Tamara Dojčinović, Milena Brkić and Tamara Popović Perić. We would like to have the manuscript considered for publication in “Biomedicinska istraživanja”.

This work complies with the current laws of the Republic of Srpska, Bosnia and Herzegovina. We confirm that this study was done according to the criteria of the Helsinki Declaration. We confirm that this manuscript has not been published elsewhere and is not under consideration by another journal. All authors have approved the manuscript and agree with its submission to “Biomedicinska istraživanja”.

This study provides a comprehensive analysis of the clinical characteristics, hormonal levels, and treatment outcomes in patients diagnosed with benign pituitary tumors at our institution.

Pituitary adenomas, although typically benign, present a wide range of clinical manifestations that can significantly affect a patient's quality of life. In this retrospective cohort study, we sought to evaluate not only the epidemiological distribution of these tumors but also the impact of demographic and clinical factors on their progression and management. Our findings confirm that pituitary adenomas show a distinctive gender and age-related prevalence, with women presenting with microadenomas and men more commonly affected by macroadenomas. Furthermore, the study highlights the challenges in achieving full remission, with only a small percentage of patients experiencing complete tumor resection or hormonal normalization post-surgery.

Our results align with previous studies in the field, reinforcing the complex interplay between tumor size, functionality, and patient demographics. While surgical resection remains the gold standard for treatment, the necessity for multimodal therapy in certain cases, particularly for prolactinomas, is underscored. The data presented in this study offer valuable insights into the

management of pituitary adenomas and contribute to the growing body of knowledge regarding the clinical course and treatment strategies for these tumors.

We believe that the findings from this study will be of great interest to your readership, particularly those involved in the clinical management and research of pituitary adenomas. The study's emphasis on the regional differences in tumor presentation and treatment outcomes provides an important perspective for clinicians and researchers working in this field.

Thank you for considering our manuscript for publication in “Biomedicinska istraživanja”. We are confident that it will make a valuable contribution to the scientific literature, and we look forward to your feedback.

If you feel that the manuscript is appropriate for your journal,

Please let me know of your decision at your earliest convenience.

With my best regards!

Sincerely,

Proff. Aleksandra Marković, MD, PhD.