

Prof. Maciej Krzakowski

Editor-in-Chief

Journal of Oncology in Clinical Practice

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Dear prof. Krzakowski

We wish to submit a new manuscript entitled “**The Convolutional Neural Networks in Auto-Segmentation on Nasopharyngeal Carcinoma Tumor -A Systematic Review and Meta-analysis**” for consideration by the [**Journal of Oncology in Clinical Practice**].

Diversity and heterogeneity in nasopharyngeal tumors (NPC) and the need for re-contouring before each treatment creates a lot of workload in the radiotherapy department and increases the possibility of error, so having an automatic method for correct tumor segmentation can be very helpful. For this reason, we decided to evaluate the capability of convolutional neural networks (CNN) for this task by examining a meta-analysis article.

All the results/or part of the article results have not been published in any journal before. The manuscript was read and approved by all authors. No financial resources were received for the implementation of the study. Authors confirm that they are familiar with and will observe the Editorial Policy and Information for Authors included in "Oncology in Clinical Practice". The journal can publish images as non-color. This study is also registered with the code (CRD42022379228) on the PROSPERO website.

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Thank you for your consideration of this manuscript.

Sincerely,

[Maryam Zamanian, Medical physics student at Isfahan University of Medical Sciences]