LETTER TO THE EDITOR



Sentinel node biopsy in midline tumors: we should be careful and accurate

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First of all, we would like to thank Dr. Ramin Sadeghi for his very important and valuable comments. We completely agree that a hemipelvis approach to biopsy of sentinel lymph nodes (SLNs) for uterine cervix cancer can be very perspective and effective. The efficacy of this algorithm was proposed at the beginning of the century [1], and the recommendation to perform a complete lymphadenectomy in any hemipelvis that does not mapped is widely accepted in clinical practice.

Our personal data are mostly in agreement with this approach: 3 women with unilateral localization of SLNs had metastases in hemipelvis that were not mapped and the last patient had bilateral metastases in non-SLNs.

At the same time, we must also consider another point of view when "the pelvic basin is regarded as a unit" [2]. According to this approach, accuracy and safety of SLN biopsy are sufficiently higher in women with small (<20 mm) tumors and/or bilateral lymph flow. In the literature, there are enough data supporting this approach. For example, Salvo et al. [3] reported the cases of "negative SLNs detected in one hemipelvis and metastases in non-SLNs in contralateral hemipelvis that did not map". Tanaka et al. [4] observed "9 cases of metastases in the ipsilateral lymph nodes with no SLN metastasis". Tax et al. [5] in diagnostic review of 43 studies mentioned that they "advise to perform a full pelvic lymph-node dissection whenever the SLNs are not bilaterally detected".

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Department of Radiation Oncology and Nuclear Medicine, N.N. Petrov Institute Oncology, Saint Petersburg, Russia You are right, if we are talking about the "whole truth", we must consider both approaches as possible options. In our practice, we prefer to be more conservative, because we believe that it is safer.

In conclusion, we must underline that we often come across the statement that "the use of lymphoscintigraphy in patients with cervical cancer does not modify the subsequent diagnostic procedure". We are in full agreement with Dr. Ramin Sadeghi that visualization is a very important and probably an obligatory part of SLN biopsy algorithm.

Dr. Sergey Novikov

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