

The impact of sex disparities on the clinical behavior and prognosis of thyroid cancer

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On behalf of all the contributing authors, I would like to express our sincere appreciation of your constructive comments (1). Sex disparity in disease incidence, progression, and prognosis has been observed in a variety of different tumors (2). In general, men have a higher incidence of cancer than women, but the prognosis is reversed (3,4). One remarkable exception is the papillary thyroid cancer, the incidence of papillary thyroid cancer is significantly higher in women than in men (5), and the associated causes of these differences are not fully understood. This study aimed to determine the characteristics of female and male thyroid cancer, and compare their clinical behavior and survival via using the Surveillance, Epidemiology, and End Results (SEER) database. Our study revealed that male patients had larger tumors and higher tumor-node-metastasis (TNM) stage. Moreover, male patients had a prognostic factor for poorer overall survival (OS) and cancer-specific survival (CSS). Additionally, this study also showed that male and female patients had different prognostic risk factors. However, the current article has some problems as described by the authors. We miswrote millimeters as centimeters and are very sorry for our incorrect writing, thank you for your correction. As for patients' age, the 8th edition of the American Joint Committee on Cancer (AJCC) TNM staging system raised age cutoff value from 45 to 55 years based on multiple population-based studies (6,7), and 55 years as the cutoff value was more robust to achieve better predictability for CSS (8,9). Therefore, we choose 55 years as the cutoff value to validate the prognosis in female and male thyroid patients. Although the 7th TNM staging for all patients in this study, it does not mean that analysis the clinical features

and prognosis must be used 45 years as the cutoff value. At last, thanks for your enthusiasm for our article.

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Footnote

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Ethical Statement: The author is accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

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