Peer Review File

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Reviewer A Comments:

Comment 1: This review article was well-written. But additional description of the modalities and findings for confirmation of pleural dissemination, which is important for staging and therapeutic decision, is desirable.

Reply 1: The following was added to the end of the first paragraph of "Thymic Carcinoma and Neuroendocrine Tumor/Carcinoid" since pleural metastasis are most commonly seen in this setting. "Pleural metastatic disease, which is more common in thymic carcinoma and thymic neuroendocrine carcinoma, generally consists of small enhancing pleural nodules or areas of enhancing pleural thickening. These are generally adequately assessed with thin-slice contrast-enhanced CT, although, contrast-enhanced MRI and PET/CT can be of additional benefit in questionable cases."

Comment 2: Line 117. TNM 8 should be modified as TNM 8th edition.

Reply 2: Agree. Change made. "In TNM 8th edition, the T descriptor for thymic tumors describes local invasion, and not tumor size, as size was not found to be a prognostic factor."

Reviewer B Comments:

Comment 1: This review article deals with imaging evaluation of thymic tumors including thymic epithelial tumors and other anterior mediastinal tumors. A very similar article has been already published by the same authors (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8762255/); therefore, it is necessary for the authors to clarify this issue.

Reply 1: Thank you for allowing us to clarify this issue. We were invited to submit a review on thymic imaging. We believe the manuscript content is by necessity similar to our prior work, encompassing imaging modalities, imaging findings, staging and response assessment, review of recent literature, and current advanced imaging options. With the variety of oncologic cases seen at MD Anderson Cancer Center, we believe our goal is to demonstrate imaging examples of thymic tumors, as well as careful attention to stream-line imaging descriptions and salient teaching points with the goal of an easily readable review of this very important topic.