

Reviewer #1

1. In the discussion section, there are a few descriptions of this patient, What inspiration does this rare case give the author?

Thank you for your comment. Male metaplastic cancer is extremely rare, with very few cases reported. Thus, research exploring suitable treatment options for metaplastic breast cancer, especially in males, has been limited. There were a few obstacles to administering aggressive treatment to the patient in our case and, unfortunately, we were unable to perform further treatment. Therefore, although some sections in the Discussion may appear akin to a literature review, we attempted to explore new and effective treatments for this disease, which could be applicable for the other cases in the future.

This was our rationale for the current report.

2. According to the article, the patient was old and had a poor cardiopulmonary function. Why did the author choose surgical treatment when the man had poorly differentiated breast cancer with lung metastasis? What were the reasons for choosing radiotherapy in the later stage?

Thank you for your comment. The patient did not wish to undergo chemotherapy. The mass in the lung was solitary, and was confused with primary lung cancer. Subsequently, a multidisciplinary discussion was conducted with other departments, including the cardiology, hemato-oncology, and thoracic surgery departments, and we decided to perform surgical treatment. Radiotherapy was administered to relieve the headache experienced by the patient.

The manuscript has been revised to include this information.

Reviewer #2

Could you add some discussion about the possible connection to this patient's previous prostate cancer? Did you receive permission from the patient's next of kin to publish the case? Were you able to disguise the person's identity?

We appreciate your comment. In this case, we did not perform any genetic test, including the BRCA test or NGS. Therefore, we are unable comment on whether there was a definite connection between the two cancers.

We found some identifying information in the pictures included in the manuscript. This has now been corrected. We received IRB exemption for obtaining patient/family consent.