

## Quadruple Metachronous Primary Malignancies

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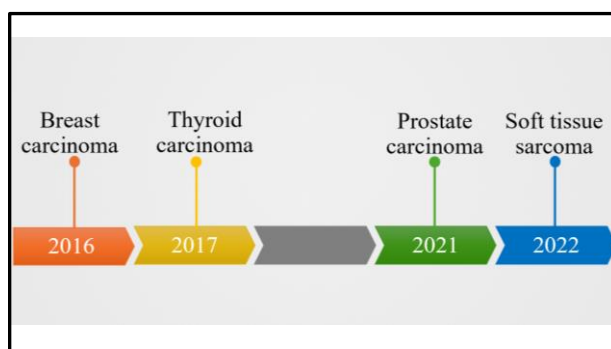
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### INTRODUCTION:

The occurrence of multiple primary malignancies is rare, but it has progressed beyond being merely a pathological curiosity to become an established medical condition. Its incidence has risen in recent decades due to increased awareness and the availability of medical treatment.

### REPORT:

Here we present the case of a middle-aged man who underwent treatment for invasive ductal carcinoma of the right breast, papillary thyroid cancer, and prostate adenocarcinoma over a period of 6 years. Approximately one year after the last diagnosis, he developed a non-healing ulcer on his left thigh. While metastasis was initially suspected, histopathological examination confirmed the diagnosis of myxofibrosarcoma. Next-generation sequencing screening yielded negative results.



**Figure 1:** chronological sequence of cancer diagnosis in this patient.

### CONCLUSION:

The root causes of cancer include genetic factors, lifestyle choices, and environmental

exposures. Sensitivity to carcinogenic substances varies among individuals and may

contribute to cancer development. Cancer survivors require regular follow-up to enable early detection and prompt treatment of recurrence or subsequent malignancies. Currently, there are no established guidelines for managing multiple primary malignancies. Therefore, when curative treatment is feasible, radical therapy is recommended to optimize survival outcomes. With increasing awareness, advancements in diagnostic techniques, and ongoing cancer research and treatment, these goals can be realized.

### REFERENCES:

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