How Did PET Help?
PET was able to identify the primary cancer, which had not been detected by conventional imaging studies. The results of the PET study changed the radiation therapy treatment plan, reducing the radiation field and avoiding unnecessary extra radiation damage to the patient.

Discussion
For patients with an unknown primary head and neck tumor, despite extensive clinical exam and extensive anatomic imaging procedures, PET helps to detect the primary in about 25% of these patients.\(^1\) PET is also very useful in the detection of residual/recurrent cancer after radiation therapy and cervical node dissection. PET can also be used to monitor therapy response.


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