

Staging studies for evaluation of squamous cell carcinoma

Elaine S. Gould¹ · Kevin S. Baker¹ · Ammar A. Chaudhry¹ ·
Dinko Franceschi² · Syed Hoda³

Published online: 7 May 2015
© ISS 2015

Question: Staging of left temporal squamous cell carcinoma with positron emission tomography – computed tomography (PET-CT)

Figs. 1, 2, and 3

Disclosures None.

The diagnosis can be found at doi: [10.1007/s00256-015-2162-0](https://doi.org/10.1007/s00256-015-2162-0)

✉ Kevin S. Baker
kevin.baker@stonybrookmedicine.edu

¹ Stony Brook Medicine, Department of Radiology, HSC Level 4, Room 120, East Loop Road, Stony Brook, NY 11794, USA

² Stony Brook Medicine, Department of Nuclear Medicine, HSC Level 4, Room 120 East Loop Road, Stony Brook, NY 11794, USA

³ Stony Brook Medicine, Department of Pathology, HSC Level 2 East Loop Road, Stony Brook, NY 11794, USA

Fig. 1 AP abdominal radiograph (*left*) and coronal CT image of the abdomen/pelvis on bone window (*right*)

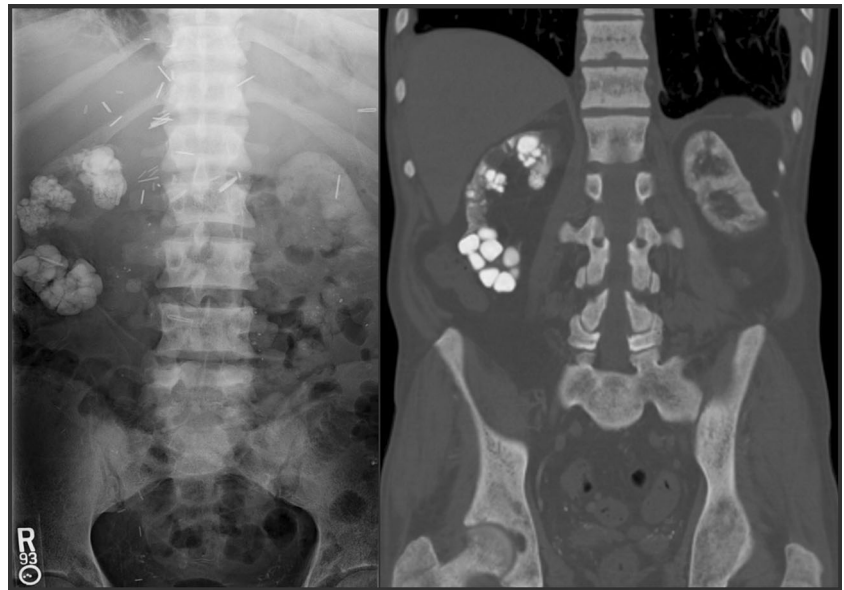


Fig. 2 Axial CT (*upper left*) on bone window, axial corrected PET (*upper right*), axial fused PET-CT on bone window (*lower left*), and coronal fused PET-CT on bone window (*lower right*)

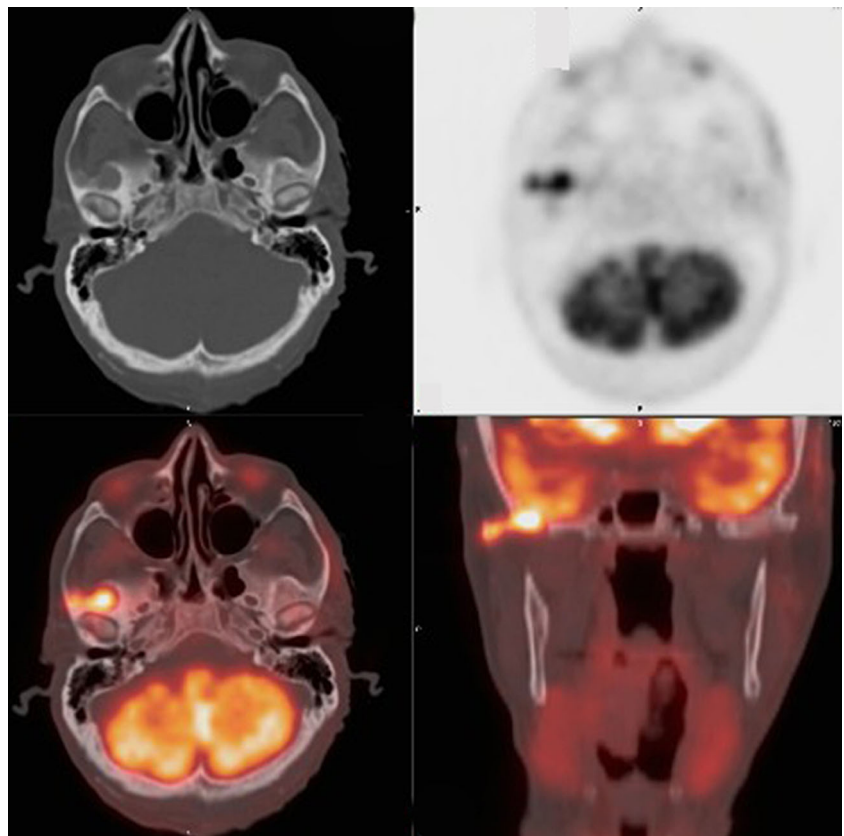


Fig. 3 Histopathologic images using hematoxylin and eosin (H & E) stains at low power (20×, *upper left*), high power (40×, *upper right*), and high power polarized microscopy (40×, *bottom*)

