Hybrid SPECT/CT Helps Characterization and Localization of a Dual Thyroid Ectopia

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Abstract:

The presence of ectopic thyroid tissue in 2 or more different sites is rare. A 12-year-old girl presented with midline anterior neck swelling in the infrahyoid region with subclinical hypothyroidism. Thyroid scanning with 99mTc-pertechnetate was performed, and SPECT/CT was ordered for further evaluation. Two hyperdense lesions demonstrating intense radiotracer uptake were seen in the midline at the base of the tongue and infrahyoid neck. We emphasis the role of hybrid SPECT/CT for characterization and localization of suspected ectopic thyroid tissue.

Keywords:
dual ectopia ectopic thyroid infrahyoid thyroid SPECT/CT sublingual thyroid

Published In:

ClinicalNuclearMedicine , NULL , NULL