

Table 1. Most frequently used PET tracers in thyroid tumors

PET tracers	Function explored	Thyroid tumors evaluated
Fluorine-18 Fluorodeoxyglucose (¹⁸ F-FDG)	Glucose metabolism	Poorly differentiated and more aggressive thyroid tumors
Iodine-124 (¹²⁴ I)	Iodine metabolism	Differentiated thyroid carcinoma
Fluorine-18-Dihydroxyphenylalanine (¹⁸ F-DOPA)	Amino acid uptake, decarboxylation and storage	Medullary thyroid carcinoma
Gallium-68-somatostatin analogues (⁶⁸ Ga-SMS)	Somatostatin receptor expression	Medullary thyroid carcinoma