

Appendix B Staging for adrenal cortical carcinoma

UICC TNM 9 staging for adrenal cortical carcinoma¹

pTX Primary tumour cannot be assessed

pT0 No evidence of primary tumour

pT1 Tumour ≤ 5 cm, no extra-adrenal invasion

pT2 Tumour > 5 cm, no extra-adrenal invasion

pT3 Tumour of any size with local invasion, but not involving adjacent organs*

pT4 Tumour of any size with invasion of adjacent organs.

*Adjacent organs are defined as: kidney, diaphragm, great vessels (renal vein/vena cava), pancreas and liver.

pNX Regional nodes cannot be assessed.

pN0 No regional lymph node metastasis

pN1 Metastasis in regional lymph nodes**

**Regional lymph nodes are the hilar, abdominal para-aortic and paracaval lymph nodes. Laterality does not affect the N categories.

M0 No distant metastasis

pM1 Distant metastasis.

Stage grouping

	TNM8/UICC		
Stage 1	T1	N0	M0
Stage 2	T2	N0	M0
Stage 3	T1/T2	N1	M0
	T3/T4	N0, N1	M0
Stage 4	Any T	Any N	M1

Appendix C Staging for pheochromocytoma and sympathetic paragangliomas

UICC TNM 9 staging for pheochromocytoma and sympathetic paragangliomas¹

pTX Primary tumour cannot be assessed

pT1 Pheochromocytoma <5 cm in greatest dimension, no extra-adrenal invasion

pT2 Pheochromocytoma ≥5 cm, no extra-adrenal invasion

OR Paraganglioma – sympathetic of any size, no local invasion

pT3 Tumour of any size with invasion into adjoining tissues or adjacent organs (e.g. liver, pancreas, spleen, kidneys)

Applicable to:

- Pheochromocytoma: within adrenal gland
- Paraganglioma sympathetic: functional, including of the aortic body.

Note: Parasympathetic paragangliomas (usually located in the H&N region including carotid body tumours) are not staged.

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Regional lymph node metastasis

pM0 No distant metastasis

pM1 Distant metastasis

pM1a Metastasis to bone only

pM1b Metastasis to distant sites excluding bone

pM1c Metastasis to bone and other distant sites

Choose if applicable:

- m – multiple primary tumours
- r – recurrent
- y — post-therapy

Stage

The pT and pN categories correspond to the cT and cN categories, respectively

Stage I	T1	N0	M0
Stage II	T2	N0	M0
Stage III	T1, T2	N1	M0
	T3	N0, N1	M0
Stage IV	Any T	Any N	M1

References

1. Brierley JD, Giuliani M, O'Sullivan B, Rous B, Van Eycken L (eds.). *TNM Classification of Malignant Tumours* (9th edition). Oxford, UK: Wiley-Blackwell; 2025.