

Appendix A TNM staging (9th edition)¹

pT – Primary tumour

pTX Primary tumour cannot be assessed

pT0 No evidence of primary tumour

pT1 Tumour 7cm or less in greatest dimension, limited to kidney

pT1a Tumour 4cm or less

pT1b Tumour more than 4 cm but not more than 7cm

pT2 Tumour more than 7cm in greatest dimension, limited to kidney

pT2a Tumour more than 7 cm but not more than 10cm

pT2b Tumour more than 10cm limited to kidney

pT3 Tumour extends into major veins or perinephric tissues but not into the ipsilateral adrenal gland and not beyond Gerota's fascia

pT3a Tumour extends into the renal vein or its segmental branches, or tumour invades the pelvicalyceal system or tumour invades perirenal and/or renal sinus (peripelvic) fat but not beyond Gerota's fascia

pT3b Tumour extends into the vena cava below the diaphragm

pT3c Tumour extends into the vena cava above the diaphragm or invades the wall of the vena cava

pT4 Tumour invades beyond Gerota's fascia (including contiguous extension into the ipsilateral adrenal gland)

pN - Regional lymph nodes

pNX Regional lymph nodes cannot be assessed

pN0 No regional lymph node metastasis

pN1 Metastasis in regional lymph node(s)

pM – Distant metastasis

pM1 Distant metastasis

Optional additional descriptors for T stage

m multiple primary tumours at a single site e.g. pT1b(m) – stating highest stage tumour

y for classification during/after multimodal therapy e.g. ypT2a

r for recurrent tumours after a disease-free period – use prefix r

Stage grouping

Stage	T	N	M
Stage I	T1	N0	M0
Stage II	T2	N0	M0
Stage III	T3	N0	M0
	T1, T2	N1	M0
Stage IV	T4	Any N	M0
	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.