

Appendix A TNM pathological staging of uveal melanoma (TNM 9th edition)¹

Anatomical sites

Iris	C69.4
Ciliary body	C69.4
Choroid	C69.3

pT – Primary tumour

pTX Primary tumour cannot be assessed

pT0 No evidence of primary tumour

Iris

(NB: Iris melanomas originate from, and are predominantly located in, this region of the uvea. If less than half of the tumour volume is located within the iris, the tumour may have originated in the ciliary body and consideration should be given to classifying it accordingly.)

pT1: Tumour limited to the iris

pT1a Not more than 3 clock hours in size

pT1b More than 3 clock hours in size pT1c With secondary glaucoma

pT2: Tumour confluent with or extending into the ciliary body, choroid or both

pT2a Tumour confluent with or extending into the ciliary body without secondary glaucoma

pT2b Tumour confluent with or extending into the choroid without secondary glaucoma

pT2c Tumour confluent with or extending into the ciliary body and/or choroid with secondary glaucoma

pT3: Tumour confluent with or extending into the ciliary body, choroid or both, with scleral extension

pT4: Tumour with extrascleral extension

pT4a ≤5 mm in diameter

pT4b >5 mm in diameter

Ciliary body and choroid

Primary ciliary body and choroidal melanomas are classified according to the four tumour size categories below:

Thickness (mm)

>15					4	4	4
12.1–15.0				3	3	4	4
9.1–12.0		3	3	3	3	3	4
6.1–9.0	2	2	2	2	3	3	4
3.1–6.0	1	1	1	2	2	3	4
≤3.0	1	1	1	1	2	2	4
	<3.0	3.1–6.0	6.1–9.0	9.1–12.0	12.1–15.0	15.1–18.0	>18

Largest basal diameter of tumour (mm)

pT1 Tumour size category 1

pT1a Without ciliary body involvement and extraocular extension

pT1b With ciliary body involvement

pT1c Without ciliary body involvement but with extraocular extension ≤5 mm in diameter

pT1d With ciliary body involvement and extraocular extension ≤5 mm in diameter

pT2 Tumour size category 2

pT2a Without ciliary body involvement and extraocular extension

pT2b With ciliary body involvement

pT2c Without ciliary body involvement

pT2d With ciliary body involvement and extraocular extension ≤5 mm in diameter

pT3 Tumour size category 3

T3a Without ciliary body involvement and extraocular extension

T3b With ciliary body involvement

- T3c Without ciliary body involvement but with extraocular extension ≤ 5 mm in diameter
- T3d With ciliary body involvement and extraocular extension ≤ 5 mm in diameter

pT4 Tumour size category 4

- pT4a Without ciliary body involvement and extraocular extension
- pT4b With ciliary body involvement
- pT4c Without ciliary body involvement but with extraocular extension ≤ 5 mm in diameter
- pT4d With ciliary body involvement and extraocular extension ≤ 5 mm in diameter
- pT4e Any tumour size category with extraocular extension ≥ 5 mm in diameter

Note: When histopathological measurements are recorded after fixation, tumour diameter and thickness may be underestimated because of tissue shrinkage.

pN – Regional lymph nodes

The regional lymph nodes are the preauricular, submandibular and cervical nodes.

- pNX Regional lymph nodes cannot be assessed
- pN0 No regional lymph node metastasis
- pN1 Regional lymph node metastasis

pM – Distant metastasis

- pM0 No distant metastasis
- pM1 Distant metastasis
- pM1a Largest diameter of the largest metastasis ≤ 3 cm
- pM1b Largest diameter of the largest metastasis 3.1–8.0 cm
- pM1c Largest diameter of the largest metastasis > 8 cm

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.