

Myometrial invasion (Core)

Reason/Evidentiary Support

Depth of invasion should be measured from the endomyometrial junction (not the surface of exophytic tumours) to the deepest focus of tumour invasion. Measurement of the depth of invasion may be rendered difficult by irregularity of the endomyometrial junction, polypoid tumour growth, intramural leiomyomas, adenomyosis and uncommonly by smooth muscle metaplasia within polypoid neoplasms.¹ Deep myometrial invasion has repeatedly been shown to be an important poor prognostic indicator in endometrial carcinoma. This is an independent predictor of haematogenous dissemination by endometrial carcinoma and it is therefore an important determinant of adjuvant therapy.²

References

- 1 Ali A, Black D and Soslow R (2007). Difficulties in Assessing the Depth of Myometrial Invasion in Endometrial Carcinoma *Int J. Gynecol Pathology* 26:155-123.
- 2 Mariani A, Webb MJ, Keeney GL, Calori G and Podratz KC (2001). Hematogenous dissemination in corpus cancer. *Gynecol Oncol* 80:233-238.