Person with cancer—depth of myometrial invasion, total millimetres N[N]

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# Person with cancer—depth of myometrial invasion, total millimetres N[N]

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| Identifying and definitional attributes | |
| Metadata item type: | Data Element |
| Short name: | Depth of myometrial invasion |
| Synonymous names: | Depth of myometrial involvement |
| METEOR identifier: | 545243 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014 |
| Definition: | The depth of tumour invasion into the myometrium for a person with endometrial cancer, expressed in millimetres. |
| Data Element Concept: | [Person with cancer—depth of myometrial invasion](https://meteor.aihw.gov.au/content/424265) |
| Value Domain: | [Total millimetres N[N]](https://meteor.aihw.gov.au/content/430280) |

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| Value domain attributes | | |
| Representational attributes | | |
| Representation class: | Total | |
| Data type: | Number | |
| Format: | N[N] | |
| Maximum character length: | 2 | |
|  | **Value** | **Meaning** |
| Supplementary values: | 97 | Not applicable |
|  | 98 | Unknown |
|  | 99 | Not stated/inadequately described |
| Unit of measure: | Millimetre (mm) | |

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| Collection and usage attributes | |
| Guide for use: | Size in millimetres with valid values from 1 to 96. |

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| Source and reference attributes | |
| Submitting organisation: | Cancer Australia |

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| Data element attributes | |
| Collection and usage attributes | |
| Guide for use: | Record the depth of myometrial invasion in millimetres (mm).  The depth of myometrial invasion is assessed on microscopic examination and is measured from the normal endometrium-myometrium interface (not the surface of the intracavity or exophytic tumour) to the deepest tumour infiltrative focus. The depth of myometrial invasion cannot exceed the myometrial thickness. Myometrial thickness ranges from 2 to 40 mm. A myometrial thickness of 5 mm or less is considered to be normal.  Depth of myometrial invasion is a prognostic factor for endometrial cancer. The fractional myometrial invasion by tumour cells, i.e. the ratio of myometrial invasive depth to total normal myometrial thickness, is predictive of lymph node metastases in high risk endometrial cancers. |
| Source and reference attributes | |
| Submitting organisation: | Cancer Australia |
| Reference documents: | Hauth EA, Jaeger HJ, Libera H, Lange S, Forsting M 2007. MR imaging of the uterus and cervix in healthy women: determination of normal values. European Radiology 17:734  O'Connell LO, Fries MH, Zeringue E, Brehm W 1998. Triage of Abnormal Postmenopausal Bleeding: A comparison of endometrial biopsy and transvaginal sonohysterography versus fractional curettage with hysteroscopy. American Journal of Obstetrics & Gynecology 178:956-61  RCPA 2011. Endometrial Cancer Structured Reporting Protocol (1st Edition 2011). Sydney: Royal College of Pathologists of Australasia  Weber AM, Belinson JL, Bradley LD, Piedmonte MR 1997. Vaginal ultrasonography versus endometrial biopsy in women with postmenopausal bleeding. American Journal of Obstetrics & Gynecology 177:924-9 |
| Relational attributes | |
| Related metadata references: | See also [Person with cancer—myometrial thickness, total millimetres N[N]](https://meteor.aihw.gov.au/content/424269)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 08/05/2014 |
| Implementation in Data Set Specifications: | [Gynaecological cancer (clinical) DSS](https://meteor.aihw.gov.au/content/421105)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 14/05/2015  ***Conditional obligation:*** This data element is only to be recorded for patients with endometrial cancer, as indicated by [Person with cancer—primary site of cancer, topography code (ICD-O-3) ANN.N](https://meteor.aihw.gov.au/content/396090).  [Gynaecological cancer (clinical) NBPDS](https://meteor.aihw.gov.au/content/599620)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 14/05/2015  ***Conditional obligation:***  This data element is only to be recorded for patients with endometrial cancer, as indicated by [Person with cancer—primary site of cancer, topography code (ICD-O-3) ANN.N](https://meteor.aihw.gov.au/content/396090). |