

Person with cancer—histopathological grade, code N

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Person with cancer—histopathological grade, code N

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Histopathological grade
METEOR identifier:	370019
Registration status:	Health! , Superseded 07/12/2011
Definition:	<p>The histopathological grade or differentiation describes how much the tumour resembles the normal tissue from which it arose, as represented by a code.</p> <p>For lymphohaematopoietic neoplasms (leukaemias and lymphomas) this data element is used to denote cell lineage.</p>
Data Element Concept:	Person with cancer—histopathological grade
Value Domain:	Histopathological grade code N

Value domain attributes

Representational attributes

Representation class:	Code
Data type:	Number
Format:	N
Maximum character length:	1

	Value	Meaning
Permissible values:	1	Grade 1: Low grade; well differentiated, differentiated, NOS
	2	Grade 2: Intermediate grade, moderately differentiated, moderately well differentiated, intermediate differentiation
	3	Grade 3: High grade, poorly differentiated
	4	Grade 4: Undifferentiated, anaplastic
	5	T-cell: T-cell
	6	B-cell: B-cell, Pre-B, B-Precursor
	7	Null-cell: Null cell, Non T- non B
	8	NK-cell: Natural killer cell
Supplementary values:	9	Grade/differentiation unknown: Grade/cell type not determined, not stated or not applicable

Data element attributes

Collection and usage attributes

Guide for use: Only one code can be recorded.

When more than one grade is documented for the primary tumour within the same specimen report, use the highest grade. For example, if grade 2-3 is documented, record the grade as 3.

If the grades differ on multiple pathology reports for the same tumour, use the value from the larger specimen (for example, the grade from a surgical excision specimen would be used over the grade from a specimen from a diagnostic biopsy).

Breast cancer coding rules:

Use the Nottingham grade (Elston-Ellis modification of Bloom-Richardson grading system). This classification only uses grades 1-3, 9.

For an invasive tumour with an in situ component, record the grade for the invasive component only. If the grade of the invasive component is not reported, record the grade as unknown.

Collection methods: Cancer registry use:

Collection of this data item should only be from notification and pathology reports relating to initial diagnosis and not for recurrent or metastatic disease.

Source and reference attributes

Origin: World Health Organisation
Commission on Cancer American College of Surgeons

Reference documents: World Health Organisation International Classification of Diseases Oncology, Third edition (ICD-O-3) (2000)

Commission on Cancer, Standards of the Commission on Cancer Registry Operations and Data Standards (ROADS) Volume II (1998)

Johnson CH, Adamo M (eds.), SEER Program Coding and Staging Manual 2007. National Cancer Institute, NIH Publication number 07-5581, Bethesda, MD 2007.

Relational attributes

Related metadata references: Supersedes [Person with cancer—histopathological grade, code N Health!](#), Superseded 06/03/2009

Has been superseded by [Person with cancer—histopathological grade, code N Health!](#), Standard 07/12/2011

Implementation in Data Set Specifications: [Breast cancer \(Cancer registries\) DSS Health!](#), Superseded 01/09/2012

DSS specific information:

Breast cancer coding rules:

Use the Nottingham grade (Elston-Ellis modification of Bloom-Richardson grading system). This classification only uses grades 1-3, 9.

For an invasive tumour with an in situ component, record the grade for the invasive component only. If the grade of the invasive component is not reported, record the grade as unknown.

[Cancer \(clinical\) DSS Health!](#), Superseded 22/12/2009

[Cancer \(clinical\) DSS Health!](#), Superseded 07/12/2011