

Person with cancer—lymphovascular invasion type, code N

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Person with cancer—lymphovascular invasion type, code N

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Lymphovascular invasion type
METEOR identifier:	430045
Registration status:	Health , Standard 08/05/2014
Definition:	The type of invasion of cancer cells into blood vessels and/or lymphatic system in the person with cancer, as represented by a code.
Context:	This should be collected for people with cancer where pathology data is available.
Data Element Concept:	Person with cancer—lymphovascular invasion type
Value Domain:	Lymphovascular invasion code N

Value domain attributes

Representational attributes

Representation class:	Code	
Data type:	Number	
Format:	N	
Maximum character length:	1	
	Value	Meaning
Permissible values:	1	Involvement of artery
	2	Involvement of vein
	3	Involvement of lymphatics
	4	Present but unable to distinguish type of vessel involved
Supplementary values:	7	Not applicable-pathology specimen not obtained or no lymphovascular invasion present
	8	Unknown whether pathology specimen obtained
	9	Pathology specimen obtained but lymphovascular invasion not stated/inadequately described

Collection and usage attributes

Guide for use:	Record code 9 when a pathological assessment of the tissue has been performed but the result is not known. Distinguishing between lymphatics and veins can be difficult; record code 4 if lymphovascular invasion is present but the type of vessel involved is unknown.
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Source and reference attributes

Submitting organisation:	Cancer Australia
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- Reference documents:** Royal College of Pathologists of Australasia 2010. Lung cancer structured reporting protocol. 1st Edition (Version 1.0). Surry Hills, NSW: Royal College of Pathologists of Australasia
- National Breast and Ovarian Cancer Centre and Australian Cancer Network 2008. The pathology reporting of breast cancer. A guide for pathologists, surgeons, radiologists and oncologists. 3rd edition. Surry Hills, NSW: National Breast and Ovarian Cancer Centre

Data element attributes

Collection and usage attributes

- Guide for use:** Lymphovascular invasion refers to the invasion of cancer cells into the blood vessels or lymphatic channels.
- Only record lymphovascular invasion described in the primary tumour, not for metastatic or recurrent disease.
- If lymphovascular invasion is present, record whether an artery, vein or lymphatic channel is involved.
- If more than one type of vessel is involved, record each appropriate code separately.
- Collection methods:** This information should be sought from the patient's pathology report under microscopic findings.
- Comments:** Lymphovascular invasion may be an important prognostic factor indicating the tumour is likely to spread, and may influence treatment decisions.

Source and reference attributes

- Submitting organisation:** Cancer Australia
- Reference documents:** Royal College of Pathologists of Australasia 2010. Lung cancer structured reporting protocol. 1st Edition (Version 1.0). Surry Hills, NSW: Royal College of Pathologists of Australasia
- National Breast and Ovarian Cancer Centre 2009. Breast cancer specific data items for clinical cancer registration. Surry Hills, NSW: National Breast and Ovarian Cancer Centre

Relational attributes

- Implementation in Data Set Specifications:** [Lung cancer \(clinical\) DSS](#)
Health, Superseded 14/05/2015
Conditional obligation: Conditional on lymphovascular invasion having occurred.
- [Lung cancer \(clinical\) NBPDS](#)
Health, Standard 14/05/2015
Conditional obligation:
Conditional on lymphovascular invasion having occurred.
- [Prostate cancer \(clinical\) NBPDS](#)
Health, Standard 14/05/2015
DSS specific information:
Collect this item both after diagnostic testing/imaging is completed and after surgery.