

Cancer treatment—external beam radiotherapy type, code N[N]

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	External beam radiotherapy type
Synonymous names:	XRT type
METEOR identifier:	468073
Registration status:	<ul style="list-style-type: none">• Health, Standard 04/02/2015
Definition:	The type of external beam radiotherapy (XRT) used for cancer treatment, as represented by a code.
Data Element Concept:	Cancer treatment—external beam radiotherapy type

Value domain attributes

Representational attributes

Representation class:	Code												
Data type:	Number												
Format:	N[N]												
Maximum character length:	2												
Permissible values:	<table><thead><tr><th>Value</th><th>Meaning</th></tr></thead><tbody><tr><td>1</td><td>2 dimensional (2D)</td></tr><tr><td>2</td><td>2.5 dimensional (2.5D)</td></tr><tr><td>3</td><td>3 dimensional conformal radiation therapy (3DCRT)</td></tr><tr><td>4</td><td>Intensity-modulated radiation therapy (IMRT)</td></tr><tr><td>5</td><td>Image-guided radiation therapy (IGRT)</td></tr></tbody></table>	Value	Meaning	1	2 dimensional (2D)	2	2.5 dimensional (2.5D)	3	3 dimensional conformal radiation therapy (3DCRT)	4	Intensity-modulated radiation therapy (IMRT)	5	Image-guided radiation therapy (IGRT)
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Supplementary values:	<table><thead><tr><th>Value</th><th>Meaning</th></tr></thead><tbody><tr><td>97</td><td>Not applicable-radiotherapy was not administered</td></tr><tr><td>98</td><td>Unknown whether radiotherapy was administered</td></tr><tr><td>99</td><td>Radiotherapy was administered but planning technique not stated/inadequately described</td></tr></tbody></table>	Value	Meaning	97	Not applicable-radiotherapy was not administered	98	Unknown whether radiotherapy was administered	99	Radiotherapy was administered but planning technique not stated/inadequately described
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Source and reference attributes

Submitting organisation: Cancer Australia

Data element attributes

Collection and usage attributes

Guide for use: Record the type of XRT used for cancer treatment. The radiotherapy type relates to the planning target volume (PTV), the imaging type, and the radiotherapy beam arrangement. Record multiple times if multiple types of XRT are used during the course of treatment.

This item is only applicable to XRT.

Collection methods: Collect from patient medical records or radiotherapy treatment records.

Source and reference attributes

Submitting organisation: Cancer Australia

Reference documents: Oh EO, Antes K, Darby M, Song S, Starkschall G (2009). Comparison of 2D conventional, 3D conformal, and intensity-modulated treatment planning techniques for patients with prostate cancer with regard to target-dose homogeneity and dose to critical uninvolved structures. *Medical Dosimetry*, 24(4), 255-263.

Relational attributes

Related metadata references: See also [Cancer treatment—radiotherapy treatment type, code N\[N\]](#)

- [Health](#), Standard 08/05/2014

Implementation in Data Set Specifications: [Adolescent and young adult cancer \(clinical\) DSSHealth](#), Superseded 14/05/2015

Conditional obligation:

Collect this data element if [Cancer treatment—radiotherapy treatment type, code N\[N\]](#) indicates the use of external beam radiotherapy.

[Adolescent and young adult cancer \(clinical\) NBPDSHealth](#), Standard 14/05/2015

Conditional obligation:

Collect this data element if [Cancer treatment—radiotherapy treatment type, code N\[N\]](#) indicates the use of external beam radiotherapy.

[Prostate cancer \(clinical\) NBPDSHealth](#), Standard 14/05/2015

Conditional obligation:

Collect if the patient has undergone external beam radiotherapy.