

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

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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: | 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: | External beam radiotherapy type code N[N] |

Value domain attributes

Representational attributes

| | | |
|----------------------------------|--------------|--|
| Representation class: | Code | |
| Data type: | Number | |
| Format: | N[N] | |
| Maximum character length: | 2 | |
| | Value | Meaning |
| Permissible values: | 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) |
| Supplementary values: | 97 | Not applicable-radiotherapy was not administered |
| | 98 | Unknown whether radiotherapy was administered |
| | 99 | Radiotherapy was administered but planning technique not stated/inadequately described |

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 \(clinical\) DSS Health](#), 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 \(clinical\) NBPDS Health](#), 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 \(clinical\) NBPDS Health](#), Standard 14/05/2015

Conditional obligation:

Collect if the patient has undergone external beam radiotherapy.