

Cancer treatment—radiotherapy fractions administered, total fractions N[N]

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Cancer treatment—radiotherapy fractions administered, total fractions N[N]

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Radiotherapy fractions administered
METEOR identifier:	561464
Registration status:	Health! , Standard 08/05/2014
Definition:	The total number of radiotherapy sessions (fractions) administered during the course of treatment for cancer.

Data element concept attributes

Identifying and definitional attributes

Data element concept:	Cancer treatment—radiotherapy fractions administered
METEOR identifier:	561461
Registration status:	Health! , Standard 08/05/2014
Definition:	The total number of radiotherapy sessions (fractions) administered during the course of treatment for cancer.
Object class:	Cancer treatment
Property:	Radiotherapy fractions administered

Value domain attributes

Identifying and definitional attributes

Value domain:	Total fractions N[N]
METEOR identifier:	394474
Registration status:	Health! , Standard 07/12/2011
Definition:	Total number of fractions.

Representational attributes

Representation class:	Total	
Data type:	Number	
Format:	N[N]	
Maximum character length:	2	
	Value	Meaning
Supplementary values:	97	Not applicable-no radiotherapy was administered
	98	Unknown whether radiotherapy was administered
	99	Radiotherapy administered but the number of fractions not stated/inadequately described

Collection and usage attributes

Guide for use: Valid values are 1 to 96.

Data element attributes

Collection and usage attributes

Guide for use: A total dose of radiation is delivered to the patient in a number of even parts or treatment sessions (fractions). Although a treatment session may include several treatment portals delivered within a confined period of time, usually a few minutes, it is still considered one fraction.

Record the number of fractions of radiotherapy treatment for all courses delivered to the patient during the course of treatment for cancer.

The patient may receive more than one course of radiotherapy during the course of treatment. For example, radiotherapy may be administered to the primary site and the site of a distant metastasis. Record the total radiation dose for each course of treatment.

The number of fractions administered is recorded regardless of whether the course of treatment is completed as intended and regardless of the intent or timing of treatment.

The number of radiotherapy fractions recorded should include any boost.

Brachytherapy (or implants) may be delivered more than once, each treatment is recorded as a fraction.

Do not include treatment with unsealed radioisotopes.

Collection methods: The number of radiotherapy fractions delivered will typically be found in the radiation oncologist's summary letter for the initial course of treatment or in the radiotherapy treatment summary in the patient's medical record.

Determining the number of fractions may require assistance from the radiation oncologist for consistent coding.

Comments: The collection of specific treatment information is useful to evaluate patterns of care, the effectiveness of different treatment modalities, and treatment by patient outcome.

Source and reference attributes

Submitting organisation: Cancer Australia

Origin: Commission on Cancer, American College of Surgeons

Reference documents: American College of Surgeons 2002. Facility Oncology Registry Data Standards (FORDS), 2009 revision. Commission on Cancer

American College of Surgeons 1998. Standards of the Commission on Cancer: Registry Operations and Data Standards (ROADS), Volume II. Commission on Cancer

Relational attributes

Related metadata references:

Supersedes [Cancer treatment—radiotherapy fractions administered, total fractions N\[N\]](#)
[Health!](#), Superseded 08/05/2014

See also [Cancer treatment—brachytherapy dose rate, code N](#)
[Health!](#), Standard 04/02/2015

See also [Cancer treatment—radiation dose administered, total Gray N\[NN.NN\]](#)
[Health!](#), Standard 08/05/2014

See also [Cancer treatment—radiotherapy completion date, DDMMYYYY](#)
[Health!](#), Standard 08/05/2014

See also [Cancer treatment—radiotherapy start date, DDMMYYYY](#)
[Health!](#), Standard 08/05/2014

See also [Cancer treatment—radiotherapy target site for lung cancer, code N](#)
[Health!](#), Standard 08/05/2014

See also [Cancer treatment—radiotherapy target site, code N\[N\]](#)
[Health!](#), Standard 08/05/2014

See also [Cancer treatment—radiotherapy treatment type, code N\[N\]](#)
[Health!](#), Standard 08/05/2014

Implementation in Data Set Specifications:

[Radiotherapy for cancer cluster](#)
[Health!](#), Standard 08/05/2014