

Cancer treatment—radiation dose administered

Metadata item type: Data Element Concept
METEOR identifier: 561382
Registration status:

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

Definition: The largest prescribed dose of radiation administered during the course of treatment for cancer.

Object Class attributes

Identifying and definitional attributes

Object class: [Cancer treatment](#)

Definition: The course of cancer-directed treatment or treatments, with defined dates of commencement and cessation, given to the patient by a treatment provider or team of providers.

This may include cancer-directed surgical treatment, radiation therapy and systemic agent therapy for cancer. It applies to the primary course of cancer treatment, treatment administered to the patient in response to disease progression or treatment administered to the patient in response to disease recurrence.

Specialisation of: [Service/care event](#)

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

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

Commission on Cancer, Facility Oncology Registry Data Standards (2002)

Property attributes

Identifying and definitional attributes

Property: [Radiation dose administered](#)

Definition: The amount of radiation administered.

Radiotherapy is the treatment of disease by means of ionizing radiation.

The amount or dose of radiation administered is measured in grays. The gray (Gy) is the SI (International System of Units) unit of absorbed radiation dose of ionizing radiation (for example, X-rays), and is defined as the absorption of one joule of ionizing radiation by one kilogram of matter (usually human tissue).

Property group: [Service provision event](#)

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Reference documents: Dorland I, Newman WA 2003. Dorland's illustrated medical dictionary (30th edn). Philadelphia: Saunders p1564

Myers T (Editor) 2009. Mosby's Medical Dictionary , 8th Edition. Missouri: Mosby Elsevier page 820

Data element concept attributes

Source and reference attributes

Submitting organisation: Cancer Australia

Relational attributes

Related metadata references: Supersedes [Cancer treatment—radiation dose administered](#)

- [Health](#), Superseded 08/05/2014

Data Elements implementing this Data Element Concept: [Cancer treatment—radiation dose administered, total Gray N\[NN.NN\]](#)

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