

Brachytherapy dose rate code N

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Brachytherapy dose rate code N

Identifying and definitional attributes

Metadata item type:	Value Domain
METEOR identifier:	468190
Registration status:	Health , Standard 04/02/2015
Definition:	A code set representing the dose rate of brachytherapy administered.

Representational attributes

Representation class:	Code
Data type:	Number
Format:	N
Maximum character length:	1

	Value	Meaning
Permissible values:	1	Low dose rate (LDR)
	2	Medium dose rate (MDR)
	3	High dose rate (HDR)
	4	Pulsed dose rate (PDR)
Supplementary values:	7	Not applicable, no brachytherapy administered
	8	Unknown whether brachytherapy administered
	9	Brachytherapy administered but dose not available/inadequately specified

Collection and usage attributes

Guide for use:	<p>The brachytherapy dose rate refers to the amount of radiation delivered by the source in Grays per hour (Gy/h).</p> <p>CODE 1 Low dose rate (LDR)</p> <p>Brachytherapy with a radiation source that emits up to 2 Gy/h.</p> <p>CODE 2 Medium dose rate (MDR)</p> <p>Brachytherapy with a radiation source that emits 2 Gy/h to 12 Gy/h.</p> <p>CODE 3 High dose rate (HDR)</p> <p>Brachytherapy with a radiation source that exceeds 12 Gy/h.</p> <p>CODE 4 Pulsed dose rate (PDR)</p> <p>Brachytherapy involving short pulses of radiation, which simulates an overall rate equivalent to LDR.</p>
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Source and reference attributes

Submitting organisation:	Cancer Australia
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Reference documents:

Thomadsen BR et al. (2005). Brachytherapy Physics. Medical Physics Publishing.

Peinemann F, Grouven U, Hemkens LG, Bartel C, Borchers H, Pinkawa M, Heidenreich A, Sauerland S (2011). Low-dose rate brachytherapy for men with localized prostate cancer. Cochrane Database of Systematic Reviews, Issue 7. Art. No.: CD008871.

Kubo DH, Glasgow GP, Pethel TD, Thomadson BR, Williamson JF (1998). High dose-rate brachytherapy treatment delivery: Report of the AAPM Radiation Therapy Committee Task Group No. 59. Medical Physics, 25(4), 376-403.

Relational attributes

**Data elements
implementing this value
domain:**

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