

Identification of tracer events

Aggregation into states

ID	SOURCE	STRUCTURE	CODES/PROCEDURES	DATE	EVENT
1	AP	17CBLAR	BHGSA7B2	20/06/2008	Biopsy
1	HD	44CRLCC	Z511 (C509)	11/07/2008	Chemotherapy
1	HD	44CRLCC	Z511 (C509)	01/08/2008	Chemotherapy
1	HD	44CRLCC	Z511 (C509)	22/08/2008	Chemotherapy
1	HD	44CRLCC	Z511 (C509)	12/09/2008	Chemotherapy
1	HD	79PCINK	C502 / QEFA001	04/10/2008	Surgery and LNR*
1	AP	17CBLAR	OHGSA7B2	04/10/2008	Surgery
1	HD	79CHNIO	Z5100 (C509)	21/01/2009	Radiotherapy
1	HD	79CHNIO	Z5100 (C509)	22/01/2009	Radiotherapy
1			...	...	Radiotherapy
1	HD	79CHNIO	Z5100 (C509)	01/03/2009	Radiotherapy
1	HD	79CHNIO	Z5100 (C509)	02/03/2009	Radiotherapy

STATE	CHAR
AP	A
CT_NEO	N
SURG + AP	D
RT	R
RT	
...	
RT	

Simple form

ORDER	CHAR
1	A
2	N
3	D
4	R

A	N	D	R
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Representation of sequences

Extended form

START	END	TIME	CHAR
1	1	1	A
2	21	20	I
22	85	64	N
86	106	21	I
107	107	1	D
108	215	108	I
216	256	41	R

Calculation of time-lapses

1	2	...	21	22	...	85	86	...	106	107	108	...	215	216	...	256
A	I	...	I	N	...	N	I	...	I	D	I	...	I	R	...	R

65

(duration of neoadjuvant medical  
treatment by chemotherapy)

109

(time-lapse to radiotherapy)