

**Table 1. Data set used to test the definition.**

The table below shows for 30 test cases whether each case was evaluable for CA125 response analysis, whether a response occurred and whether the sample results fell to within the normal range. The normal range has been assumed to be from 0 – 30. The dates of response and normalisation are indicated in the relevant columns by 1 = 1st sample, 2 = 2nd confirming sample  $\geq$  28 days after the 1st. Column 'RX\_DATE' gives the dates of initial treatment. For non-evaluable and non-response cases, a note explains why the patient was not evaluable or the definition excludes a response.

ID_NUM	RX_DATE	SAMPLE_DATE	RESULT	EVALUABLE	RESPONSE	NORMALISED	NOTE
1	6/14/1995	6/12/1995 7/25/1995 9/6/1995	217 220 195	YES	NO	NO	No response: no 50% reduction
2	5/12/1995	5/10/1995 6/1/1995 6/21/1995 8/28/1995 9/19/1995	84 45 43 9 8	YES	NO  1	YES  1	Not confirmed: no sample > 28 days after fall
3	5/11/1995	5/31/1995 6/21/1995 7/19/1995 8/9/1995 9/13/1995	58 24 15 14 11	NO	N/A	YES 1 2	Not evaluable: no sample pre-Rx
4	4/7/1995	4/6/1995 5/22/1995 7/4/1995 7/26/1995	68 50 51 10	YES	NO  1	YES  1	Not confirmed: no sample > 28 days after fall
5	3/30/1995	3/28/1995 4/19/1995 5/10/1995 7/5/1995 8/2/1995	59 37 36 30 13	NO	N/A	YES  1 2	Not evaluable: 1st sample < 2.ULN
6	3/14/1995	3/9/1995 4/3/1995 4/25/1995 5/15/1995	1310 920 678 656	YES	NO	NO	No response: no 50% reduction
7	11/1/1994	10/31/1994 12/14/1994 1/9/1995 1/31/1995 2/21/1995 3/13/1995 4/5/1995	51 14 21 21 9 15 15	NO	N/A	YES 1 2	Not evaluable: 1st sample < 2.ULN
8	5/18/1995	5/18/1995 6/8/1995	985 145	YES	YES 1	YES	Confirmed response

ID_NUM	RX_DATE	SAMPLE_DATE	RESULT	EVALUABLE	RESPONSE	NORMALISED	NOTE
		7/19/1995	16			1	
		8/9/1995	10				
		8/30/1995	7			2	
		10/6/1995	17				
		11/2/1995	9				
9	9/14/1994	9/12/1994	407	YES	YES	NO	Confirmed response
		10/5/1994	360				
		10/26/1994	258				
		11/16/1994	192		1		
		12/28/1994	130		2		
		1/19/1995	125				
10	8/18/1994	8/16/1994	77	YES	NO	NO	No response: no 50% reduction
		9/8/1994	51				
		9/29/1994	71				
		10/20/1994	78				
		11/10/1994	73				
		12/1/1994	132				
		12/29/1994	97				
		1/19/1995	163				
11	7/18/1994	7/13/1994	39	NO	N/A	YES	Not evaluable: 1st sample < 2.ULN
		8/8/1994	17			1	
		9/2/1994	9				
		9/22/1994	8			2	
		10/13/1994	9				
		11/2/1994	8				
12	6/28/1995	6/13/1995	31	NO	N/A	YES	Not evaluable: 1st sample < 2.ULN
		7/18/1995	12			1	
		8/10/1995	10				
		8/31/1995	5			2	
		9/20/1995	4				
		11/1/1995	3				
13	12/5/1994	11/29/1994	312	YES	NO	NO	Not confirmed: no sample > 28 days after fall
		12/27/1994	170				
		1/17/1995	65		1		
		2/7/1995	45				
14	5/12/1995	5/11/1995	672	YES	NO	NO	Not confirmed: reduction not maintained
		5/18/1995	290		1		
		6/16/1995	337				
		7/14/1995	415				
		8/14/1995	600				
15	4/13/1995	4/4/1995	9060	YES	NO	NO	Not confirmed: no sample > 28 days after fall
		5/4/1995	4840				
		5/29/1995	2300		1		
16	12/7/1994	11/21/1994	1480	NO	N/A	YES	Not evaluable: no sample within 1 week of Rx
		12/28/1994	500				

ID_NUM	RX_DATE	SAMPLE_DATE	RESULT	EVALUABLE	RESPONSE	NORMALISED	NOTE
		1/17/1995	74				
		2/14/1995	8			1	
17	7/28/1994	7/25/1994	75	YES	YES	YES	Confirmed response.
		8/7/1994	25		1	1	
		9/20/1994	13		2	2	
		10/18/1994	11				
18	11/16/1994	11/10/1994	8384	YES	YES	NO	Confirmed response.
		12/6/1994	1030		1		
		12/27/1994	818		2		
		1/17/1995	155				
		2/15/1995	78				
		2/28/1995	87				
		3/22/1995	64				
		5/3/1995	65				
19	5/16/1995	6/1/1995	419	NO	N/A	YES	Not evaluable: no sample pre-Rx
		7/5/1995	215				
		7/30/1995	20			1	
		8/22/1995	20				
		9/13/1995	20				
20	8/2/1994	7/27/1995	334	NO	N/A	YES	Not evaluable: no sample pre-Rx
		8/29/1995	76				
		9/19/1995	26			1	
		10/10/1995	20				
		10/30/1995	18			2	
		11/20/1995	11				
21	7/31/1995	7/31/1995	320	YES	YES	YES	Confirmed response
		8/21/1995	170				
		9/11/1995	68		1		
		10/2/1995	43				
		10/23/1995	27		2	1	
		11/13/1995	29				
22	7/24/1995	7/19/1995	202	YES	NO	NO	No response: no 50% reduction
		8/11/1995	819				
		9/1/1995	322				
		9/5/1995	277				
		9/25/1995	174				
		10/16/1995	173				
		11/6/1995	166				
		12/20/1995	237				
		1/10/1996	256				
		2/5/1996	473				
		4/15/1996	840				
23	6/14/1995	6/14/1995	160	YES	NO	NO	No response: no 50% reduction
		7/5/1995	160				
		7/20/1995	176				

ID_NUM	RX_DATE	SAMPLE_DATE	RESULT	EVALUABLE	RESPONSE	NORMALISED	NOTE
		8/1/1995	166				
		8/17/1995	163				
		8/22/1995	142				
		9/12/1995	146				
		10/31/1995	765				
24	4/5/1995	4/3/1995	37	NO	N/A	YES	Not evaluable: 1st sample < 2.ULN
		4/5/1995	37				
		4/24/1995	13			1	
		5/15/1995	8				
		6/5/1995	8			2	
		6/26/1995	7				
		7/17/1995	1				
25	1/17/1995	1/16/1995	104	YES	NO	YES	Not confirmed: reduction not maintained
		2/6/1995	56				
		3/7/1995	29		1	1	
		3/28/1995	21				
		4/12/1995	53				
26	4/10/1996	4/10/1996	1154	YES	YES	NO	Confirmed response
		6/5/1996	104		1		
		7/3/1996	53		2		
		7/31/1996	42				
27	12/20/1994	12/20/1994	598	YES	NO	NO	Not confirmed: reduction not maintained
		12/29/1994	294				
		1/6/1995	354				
		1/26/1995	302				
		2/2/1995	350				
		3/21/1995	389				
		4/10/1995	479				
28	1/13/1994	1/13/1994	233	YES	NO	NO	No response: no 50% reduction
		2/8/1994	240				
		3/8/1994	227				
		4/5/1994	280				
		5/3/1994	385				
		6/3/1994	390				
29	12/12/1991	12/12/1991	178	YES	NO	NO	No response: no 50% reduction
		1/9/1992	227				
		2/6/1992	189				
		3/5/1992	209				
		4/2/1992	173				
30	11/7/1991	11/7/1991	1692	YES	NO	NO	No response: no 50% reduction
		12/5/1991	2345				
		1/2/1992	2480				
		1/30/1992	2360				
		2/28/1992	3588				