Munich Cancer Registry



- ▶ Incidence and Mortality
- ▶ Selection Matrix
- ▶ Homepage
- ▶ Deutsch

ST: Sarcoma (morph.)

Survival

Year of diagnosis	1988-1997	1998-2014
Patients	1,791	10,739
Diseases	1,799	10,793
Cases evaluated	1,658	8,796
Creation date	04/11/2016	
Export date	12/23/2015	
Population	4.64 m	



Munich Cancer Registry at Munich Cancer Center Marchioninistr. 15 Munich, 81377 Germany

http://www.tumorregister-muenchen.de/en

http://www.tumorregister-muenchen.de/en/facts/surv/shST__E-ST-Sarcoma-morph.-survival.pdf

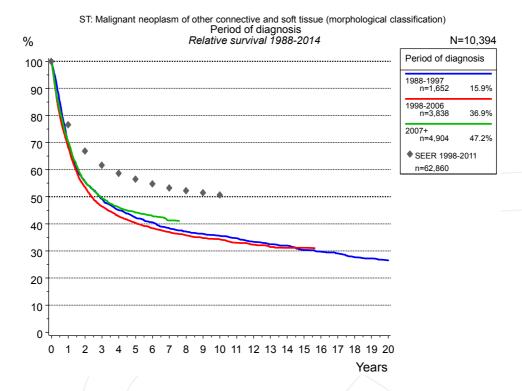
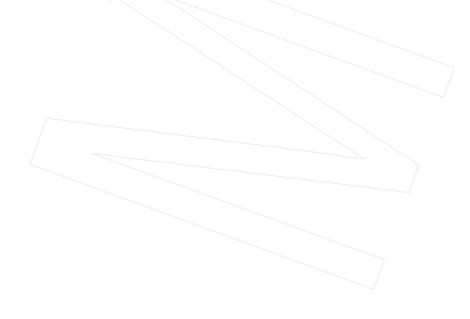


Figure 1a. Relative survival of patients with sarcoma (morph.) by period of diagnosis. Included in the evaluation are 10,394 cases diagnosed between 1988 and 2014.

The survival results of the SEER program (Surveillance, Epidemiology, and End Results) of the American National Cancer Institute (NCI) are summarized as the period of diagnosis from 1998 to 2011, and are represented by gray diamonds in order to facilitate comparisons between MCR and SEER.

The presented survival curves are derived from clinical records with valid follow-up informations, which means that death certificate cases (DCO) cases are omitted from the analysis. With this one restriction, the MCR has provided populationbased statistics since 1998, collecting data on all cancer cases in the region of southern Bavaria. Historical data of previous time periods can be heavily selected, therefore, univariate survival comparisons of the presented time periods must be carefully considered. Nonetheless, all calculable survival curves are depicted to facilitate the comparison of long time follow-up analyses of relative survival between particular cancers.



Period of diagnosis											
	1988-	1997	1998-	2006	200	2007+					
	n=1,	652	n=3,	838	n=4,904						
Years	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %					
0	100.0	100.0	100.0	100.0	100.0	100.0					
1	68.5	69.7	66.8	68.1	68.8	70.3					
2	53.7	55.4	51.7	53.5	53.5	55.5					
3	47.1	49.2	44.3	46.5	47.0	49.5					
4	42.6	45.1	40.3	42.8	43.2	46.1					
5	39.4	42.3	37.4	40.3	40.8	44.2					
6	37.3	40.6	35.1	38.4	39.0	42.9					
7	34.9	38.4	33.5	37.0	37.0	41.3					
8	33.3	37.1	31.9	35.8							
9	32.2	36.4	30.6	34.8							
10	31.1	35.6	29.8	34.3							
11	29.9	34.7	28.3	33.0							
12	28.4	33.4	27.3	32.3							
13	27.3	32.5	26.2	31.5							
14	26.6	32.0	25.6	31.2							
15	24.9	30.4	25.5	31.2							
16	24.0	29.8									
17	23.2	29.1									
18	21.8	27.7									
19	21.2	27.2									
20	20.4	26.6									

Table 1b. Observed (obs.) and relative (rel.) survival of patients with sarcoma (morph.) by period of diagnosis for period 1988-2014 (N=10,394).



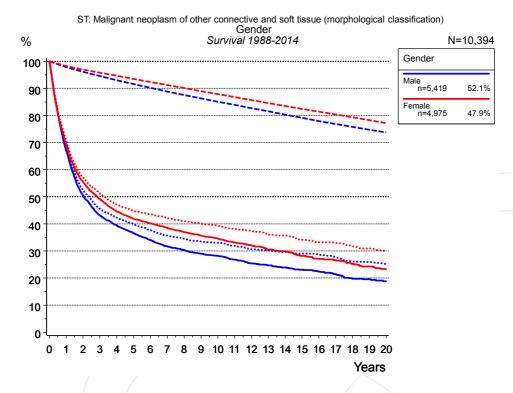


Figure 2a. Survival of patients with sarcoma (morph.) by gender. Included in the evaluation are 10,394 cases diagnosed between 1988 and 2014.

	(Sende	٢	
	Ma	ale	Fem	nale
	n=5,	419	n=4,	975
Years	obs. %	rel. %	obs. %	rel. %
0	100.0	100.0	100.0	100.0
1	66.8	68.3	69.3	70.5
2	50.6	52.6	55.4	57.1
3	43.1	45.6	49.1	51.2
4	39.4	42.4	44.6	47.1
5	36.5	39.9	41.9	44.8
6	34.0	37.7	40.2	43.5
7	31.7	35.7	38.6	42.2
8	30.2	34.5	37.0	41.0
9	29.0	33.5	35.7	40.1
10	28.2	33.1	34.6	39.3
11	26.8	31.9	33.1	38.1
12	25.4	30.6	32.0	37.3
13	24.6	30.2	30.5	36.0
14	23.9	29.6	30.0	35.7
15	23.1	29.1	28.2	34.1
16	22.4	28.7	27.2	33.2
17	21.4	27.7	26.6	32.9
18	19.7	26.0	25.3	31.7
19	19.5	25.9	24.3	30.9
20	18.8	25.1	23.4	30.0

Table 2b. Observed (obs.) and relative (rel.) survival of patients with sarcoma (morph.) by gender for period 1988-2014 (N=10,394).

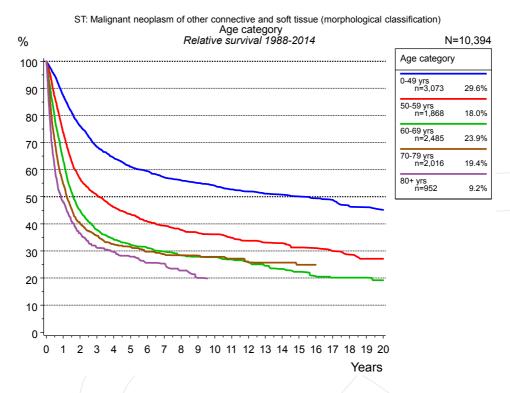


Figure 3a. Relative survival of patients with sarcoma (morph.) by age category. Included in the evaluation are 10,394 cases diagnosed between 1988 and 2014.

Age category										
	0-49	yrs	50-59	9 yrs	60-69	9 yrs	70-79	9 yrs	+08	yrs
	n=3,073		n=1,868		n=2,		n=2,	016	n=952	
Years	obs. %				obs. %				obs. %	
0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
1	87.1	87.3	73.2	73.7	62.6	63.4	52.9	54.7	43.3	47.9
2	75.9	76.1	56.1	56.7	43.7	44.9	37.7	40.2	29.6	36.5
3	68.1	68.4	49.7	50.6	36.3	37.9	32.2	35.6	22.5	31.2
4	64.1	64.4	45.0	46.1	32.4	34.3	28.2	32.5	18.8	29.6
5	60.7	61.0	42.2	43.6	30.0	32.2	26.0	31.5	15.4	27.9
6	59.0	59.4	39.3	40.9	28.4	31.1	23.5	29.8	12.4	25.6
7	56.7	57.1	37.4	39.3	26.7	29.8	21.6	28.8	10.7	25.4
8	55.4	56.0	35.6	37.7	24.9	28.4	20.5	28.4	8.0	22.8
9	54.3	55.0	34.4	36.8	23.9	27.9	18.7	28.3	5.7	20.0
10	53.3	54.1	33.5	36.2	23.2	27.7	17.3	27.8		
11	51.8	52.7	31.9	34.9	21.9	26.9	15.5	27.2		
12	50.9	51.9	30.5	33.8	20.4	25.8	13.3	25.7		
13	50.0	51.1	29.5	33.1	18.7	24.5	12.3	25.7		
14	49.5	50.8	29.1	32.9	17.3	23.4	11.4	25.7		
15	48.7	50.1	27.2	31.3	15.9	22.3	9.5	24.9		
16	47.9	49.4	26.7	31.1	14.0	20.6	8.6	24.9		
17	47.3	48.8	25.1	30.0	12.9	20.1	8.6	24.9		
18	44.7	46.4	23.6	28.7	12.5	20.1				
19	44.4	46.1	21.9	27.1	12.0	20.1				
20	43.3	45.2	21.9	27.1	10.5	19.2				

Table 3b. Observed (obs.) and relative (rel.) survival of patients with sarcoma (morph.) by age category for period 1988-2014 (N=10,394).

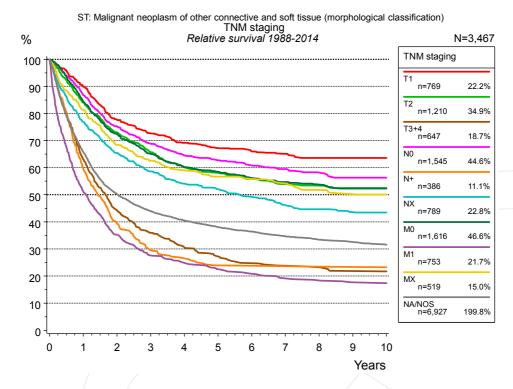


Figure 4a. Relative survival of patients with sarcoma (morph.) by TNM staging. For 3,470 of 10,394 cases diagnosed between 1988 and 2014 valid data could be obtained for this item. For a total of 3,467 cases an evaluable classification was established. The accumulated percentage exceeds the 100% value because patients are potientially considered in more than one subgroup. The grey line represents the subgroup of 6,927 patients with missing values regarding TNM staging (66.6% of 10,394 patients, the percent values of all other categories are related to n=3,467).

	TNM staging													
	Т	1	Т	2	T3	+4	N	0	N	+	N	Χ	M	.0
	n=7	769	n=1,	,210	n=6	647	n=1,	545	n=3	386	n=7	789	n=1,	616
Years	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	88.1	90.0	82.3	84.0	61.6	63.1	85.3	86.8	58.4	59.5	74.8	76.9	82.8	84.4
2	74.7	77.7	70.4	73.1	42.3	44.2	72.8	75.2	38.1	39.3	62.3	65.4	69.9	72.3
3	68.8	72.7	62.2	65.7	33.8	36.0	65.6	68.9	28.4	29.5	54.6	58.6	61.9	65.2
4	64.4	69.2	56.2	60.1	28.1	30.5	60.5	64.5	25.4	26.5	49.4	54.1	56.4	60.3
5	61.7	67.2	53.2	58.1	24.7	27.2	58.0	62.8	22.4	23.9	46.5	52.1	54.0	58.5
6	59.6	66.0	50.4	55.8	22.2	24.7	55.4	60.8	22.4	23.8	43.1	49.3	51.1	56.2
7	57.9	65.1	48.0	54.0	20.9	23.8	53.6	59.5	22.0	23.6	39.5	46.2	49.1	54.7
8	56.0	63.6	46.6	53.4	20.4	23.2	51.5	58.2	21.5	23.5	37.9	44.7	47.5	53.8
9	54.9	63.6	45.4	52.5	18.8	21.9	49.4	56.3	21.5	23.3	36.0	43.6	45.8	52.3
10	54.3	63.6	44.9	52.5	18.8	21.7	48.8	56.3	21.5	23.2	35.7	43.4	45.2	52.3

	TNM staging											
cont'd	M	1	M	X	NA/NOS							
	n=7	753	n=5	519	n=6,927							
Years	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %						
0	100.0	100.0	100.0	100.0	100.0	100.0						
1	50.2	51.2	79.3	81.3	64.5	65.7						
2	34.1	35.3	65.3	68.4	48.6	50.2						
3	26.4	27.6	58.5	62.6	42.0	44.0						
4	23.9	24.9	54.2	59.0	38.3	40.6						
5	21.2	22.5	50.9	56.7	35.4	38.1						
6	19.4	20.8	49.1	55.8	33.5	36.4						
7	17.6	19.1	46.9	54.2	31.6	34.7						
8	17.1	18.4	44.2	51.8	30.0	33.4						
9	16.2 17.7		41.8 50.2		28.9	32.6						
10	16.2	17.4	41.4	50.1	27.6	31.6						

Table 4b. Observed (obs.) and relative (rel.) survival of patients with sarcoma (morph.) by TNM staging for period 1988-2014 (N=3,467).



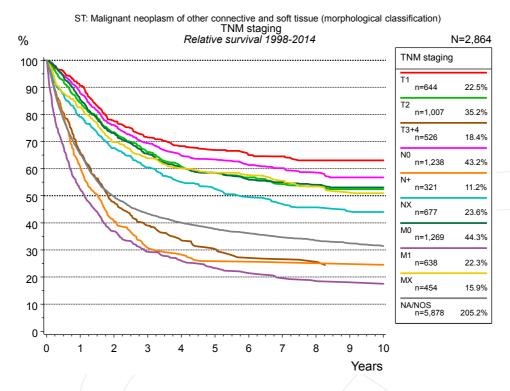


Figure 4c. Relative survival of patients with sarcoma (morph.) by TNM staging. For 2,867 of 8,742 cases diagnosed between 1998 and 2014 valid data could be obtained for this item. For a total of 2,864 cases an evaluable classification was established. The accumulated percentage exceeds the 100% value because patients are potientially considered in more than one subgroup. The grey line represents the subgroup of 5,878 patients with missing values regarding TNM staging (67.2 % of 8,742 patients, the percent values of all other categories are related to n=2,864).

	TNM staging													
	Т	1	Т	2	T3	+4	N	0	N	+	N	Χ	M	10
	n=6	644	n=1,	,007	n=5	526	n=1,	238	n=3	321	n=6	677	n=1,	269
Years	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	88.7	90.6	82.6	84.3	64.4	65.9	86.4	87.9	59.1	60.1	77.1	79.2	83.8	85.4
2	74.4	77.6	70.8	73.5	45.6	47.6	73.6	76.1	39.5	40.7	64.3	67.6	70.6	73.1
3	67.6	71.6	62.6	66.2	36.7	39.0	66.2	69.4	29.8	30.8	56.3	60.4	62.3	65.5
4	63.4	68.3	56.6	60.6	31.1	33.6	60.9	64.8	27.2	28.3	50.4	55.1	56.5	60.3
5	61.2	66.9	53.5	58.5	27.6	30.3	58.7	63.4	24.4	25.9	47.1	52.6	54.2	58.5
6	58.4	65.1	51.1	56.8	24.3	27.1	56.0	61.4	24.4	25.7	43.3	49.5	51.0	56.0
7	57.2	64.5	48.2	54.3	23.7	26.6	54.3	60.2	23.8	25.4	40.3	47.0	49.6	55.0
8	55.2	63.1	46.7	53.5	22.9	25.6	52.0	58.5	23.1	25.1	38.9	45.7	48.1	54.0
9	54.4	63.1	45.1	52.5			50.1	56.8	23.1	24.8	36.7	44.2	46.9	53.1
10	54.0	63.1	45.1	52.5			50.1	56.8	23.1	24.5	36.2	44.0	46.7	53.1

	TNM staging											
cont'd	M	1	M	X	NA/NOS							
	n=6	38	n=4	154	n=5,878							
Years	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %						
0	100.0	100.0	100.0	100.0	100.0	100.0						
1	51.4	52.5	80.5	82.6	64.0	65.3						
2	35.6	36.9	66.8	69.8	48.0	49.7						
3	28.1	29.4	59.9	63.9	41.4	43.4						
4	25.0	26.1	55.4	60.2	37.8	40.1						
5	21.9	23.3	52.7	58.5	35.1	37.8						
6	20.0	21.5	50.8	57.7	33.2	36.2						
7	18.0	19.6	48.2	55.6	31.5	34.7						
8	17.3	18.6	45.7	53.5	29.9	33.5						
9	16.4 18.1		42.7 51.2		28.7	32.5						
10	16.4	17.6	42.2	51.0	27.4	31.5						

Table 4d. Observed (obs.) and relative (rel.) survival of patients with sarcoma (morph.) by TNM staging for period 1998-2014 (N=2,864).



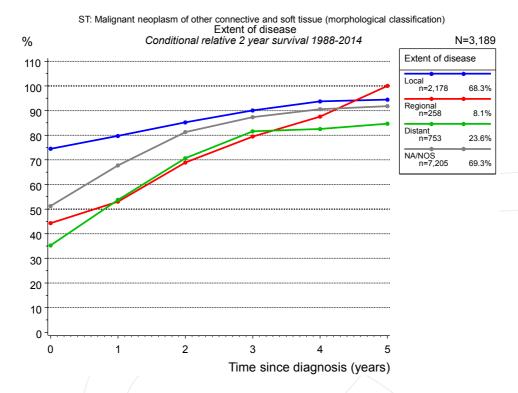


Figure 4e. Conditional relative 2-year survival of patients with sarcoma (morph.) by extent of disease. For 3,470 of 10,394 cases diagnosed between 1988 and 2014 valid data could be obtained for this item. For a total of 3,189 cases an evaluable classification was established. The grey line represents the subgroup of 7,205 patients with missing values regarding extent of disease (69.3% of 10,394 patients, the percent values of all other categories are related to n=3,189).

	Extent of disease											
	Loc	al	Regio	onal	Dist	ant	NA/N	IOS				
		Cond.		Cond.	Cond.			Cond.				
		surv. %		surv. %		surv. %		surv. %				
Years	n	2 yrs	n	2 yrs	n	2 yrs	n	2 yrs				
0	2,178	74.5	258	44.3	753	35.3	7,205	51.3				
1	1,732	79.7	155	53.0	360	53.8	4,495	67.7				
2	1,357	85.2	99	68.9	229	70.7	3,206	81.3				
3	1,091	90.1	68	79.4	159	81.6	2,549	87.3				
4	873	93.7	54	87.5	130	82.5	2,125	90.6				
5	745	94.4	44	100.0	104	84.7	1,825	91.8				
	0 1 2 3 4	Years n 0 2,178 1 1,732 2 1,357 3 1,091 4 873	Years n 2 yrs 0 2,178 74.5 1 1,732 79.7 2 1,357 85.2 3 1,091 90.1 4 873 93.7	Local Cond. Surv. % Years n 2 yrs n 0 2,178 74.5 258 1 1,732 79.7 155 2 1,357 85.2 99 3 1,091 90.1 68 4 873 93.7 54	Local Cond. Cond. Surv. % Regional Cond. Surv. % Years n 2 yrs n 2 yrs 0 2,178 74.5 258 44.3 1 1,732 79.7 155 53.0 2 1,357 85.2 99 68.9 3 1,091 90.1 68 79.4 4 873 93.7 54 87.5	Local Cond. Surv. % Regional Cond. Surv. % Years n 2 yrs n 2 yrs n 0 2,178 74.5 258 44.3 753 1 1,732 79.7 155 53.0 360 2 1,357 85.2 99 68.9 229 3 1,091 90.1 68 79.4 159 4 873 93.7 54 87.5 130	Local Cond. Surv. % Regional Cond. Cond. Surv. % Years n 2 yrs n 2 yrs n 2 yrs 0 2,178 74.5 258 44.3 753 35.3 1 1,732 79.7 155 53.0 360 53.8 2 1,357 85.2 99 68.9 229 70.7 3 1,091 90.1 68 79.4 159 81.6 4 873 93.7 54 87.5 130 82.5	Local Cond. Surv. % Regional Cond. Surv. % Distant Cond. Surv. % Years n 2 yrs 1 x 2 yrs 2 x				

Table 4f. Conditional relative 2-year survival of patients with sarcoma (morph.) by extent of disease for period 1988-2014 (N=3,189).

Conditional relative survival rates refer to the relative survival probability, in this case for 2 years after cancer diagnosis, compared to the age- and sex-matched population (=100%) under the condition of being alive for a certain time period (x-axis in Figure 4c). The results illustrate to what extent the cancer induced mortality of particular subgroups declines in the subsequent years after detection of the malignancy. For instance, according to the presented survival statistics, patients in the subgroup extent of disease="Local", who are alive at least 3 years after cancer diagnosis, the conditional relative 2-year survival rate is 90.1% (n=1,091).

ST: Malignant neoplasm of other connective and soft tissue (morphological classification)

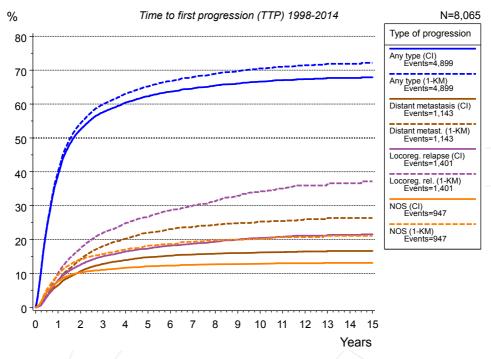


Figure 5a. Time to first progression of 8,065 patients with sarcoma (morph.) diagnosed between 1998 and 2014 (M0 only in solid cancers) estimated by cumulative incidence function (CI, solid line) accounting for death as competing risk and by inverse Kaplan-Meier estimate (1-KM, dashed line). The frequency of events may be underestimated due to underreporting.

				progression	n		
	Any type (CI)	Any type (1 KM)	Distant	Distant metast. (1-	Locaroa rolanca (CI)	Locaroa rol (1 KM)	NOS (CI)
	Any type (Ci)	Any type (1-KM)	metastasis (CI)	KM)	Locoreg. relapse (CI)	Locoleg. lel. (1-KW)	NOS (CI)
	n=8,065	n=8,065	n=8,065	n=8,065	n=8,065	n=8,065	n=8,065
Years	%	%	%	%	%	%	%
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	39.2	40.2	6.6	7.9	8.0	10.1	7.7
2	52.5	54.3	10.6	14.2	12.6	17.4	10.3
3	57.6	59.9	12.8	18.1	15.0	21.9	11.1
4	60.4	63.0	13.9	20.2	16.5	24.8	11.7
5	62.3	65.2	14.8	22.0	17.3	26.7	12.1
6	63.7	66.8	15.3	23.1	18.2	28.7	12.3
7	64.6	68.0	15.6	23.8	18.8	30.1	12.5
8	65.4	69.0	15.9	24.4	19.3	31.3	12.7
9	66.1	69.8	16.0	24.8	20.0	32.9	12.8
10	66.7	70.5	16.2	25.3	20.5	34.2	12.9
11	67.0	71.0	16.3	25.5	20.8	35.0	13.0
12	67.4	71.5	16.5	26.0	21.1	35.9	13.0
13	67.7	71.9	16.6	26.3	21.2	36.2	13.1
14	67.7	71.9	16.6	26.3	21.4	36.6	13.1
15	67.9	72.2	16.6	26.3	21.5	37.1	13.1

1	Type of
	gression
cont'd	NOS (1-KM)
	n=8,065
Years	%
0	0.0
1	9.6
2	14.2
3	15.7
4	17.1
5	18.2
6	18.7
7	19.3
8	19.8
9	20.0
10	20.2
11	20.7
12	20.7
13	21.1
14	21.1
15	21.1

Table 5b. Time to first progression of patients with sarcoma (morph.) for period 1998-2014 (N=8,065).

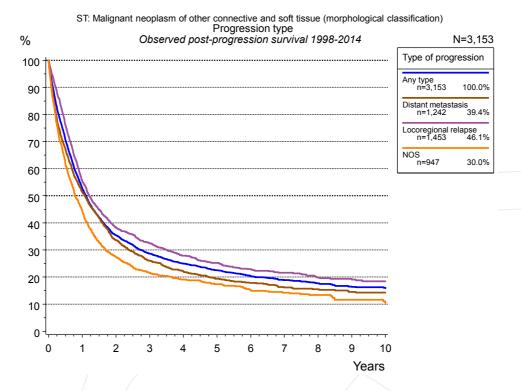


Figure 5c. Observed post-progression survival of 3,153 patients with sarcoma (morph.) diagnosed between 1998 and 2014. These 3,153 patients with documented progression events during their course of disease represent 36.3 % of the totally 8,678 evaluated cases (incl. M1, n=613, 7.1 %). Patients with cancer relapse documented via death certificates only were excluded (n=2,359, 27.2 %). Multiple progression types on different sites are included in the evaluation even when not occurring synchronously. The NOS (not otherwise specified) class is included under the condition, that it is the one and only progression type during the course of disease.

Medical record documentation often lacks the linguistic severity to distinguish between local relapse, regional lymph node metastasis and distant spread in solid cancers. Frequently, the statement "not specified" is the only information in registries regarding relapse of the disease. The category "Any type" denotes all cases who suffered from at least one relapse during the course of disease (incl. primary M1-status). Although, the real number of relapsed patients is likely to be much higher. The accumulated percentage of patients with local relapse or distant metastasis exceeds the 100% value because patients are potientially considered in more than one subgroup.

	Any type n=3,153	Type of progr Distant metastasis n=1,242		NOS n=947
Years	%	%	%	%
0	100.0	100.0	100.0	100.0
1	52.8	51.4	55.5	44.4
2	35.4	33.5	38.2	27.4
3	28.7	26.0	32.4	21.6
4	25.0	22.2	27.9	19.1
5	22.5	19.4	25.3	17.4
6	20.4	17.8	22.9	15.1
7	18.9	16.1	21.6	14.2
8	17.7	15.5	19.8	13.4
9	16.4	14.5	19.1	11.6
10	15.9	14.3	18.4	10.4

Table 5d. Observed post-progression survival of patients with sarcoma (morph.) for period 1998-2014 (N=3,153).

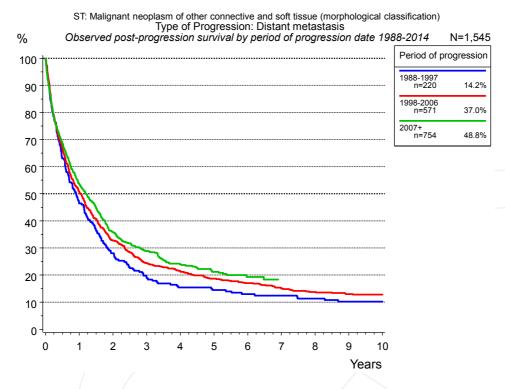


Figure 5e. Observed post-progression (distant metastasis) survival of 1,545 patients with sarcoma (morph.) diagnosed between 1988 and 2014 by period of progression.

	Period of progression					
		1988-1997	1998-2006	2007+		
		n=220	n=571	n=754		
	Years	%	%	%		
	0	100.0	100.0	100.0		
	1	46.5	50.7	53.7		
	2	28.1	32.7	35.7		
	3	19.3	24.4	28.9		
	4	15.5	21.5	24.0		
	5	14.5	18.6	21.2		
	6	13.0	17.0	19.3		
	7	12.4	15.0			
	8	11.4	13.8			
	9	10.2	13.0			
	10	10.2	12.8			

Table 5f. Observed post-progression (distant metastasis) survival of patients with sarcoma (morph.) for period 1988-2014 by period of progression (N=1,545).

Shortcuts

MCR	Munich Cancer Registry, Go	ermany			
NCI	National Cancer Institute, USA				
SEER	Surveillance, Epidemiology, and End Results, USA				
UICC	Union for International Cancer Control, Geneva				
DCO	Death certificate only	Death certificate provides the only notification to the registry.			
NA	Not available				
NOS	Not otherwise specified				
	. /				
os	Overall/Observed survival	Overall/Observed survival (Kaplan-Meier estimate) Date of entry: diagnosis Event: death from any cause			
RS	Relative survival	Survival compared to "general population", ratio of observed to expected survival (Ederer II method), reflecting cancer specific survival			
AS	Assembled survival	Assembled chart of observed, expected, relative survival			
CS	Conditional survival	Survival probability under the condition of surviving a given period of time			
TTP	Time to progression	Time to first progression / relapse Date of entry: diagnosis Event: (progression / relapse): first local-, lymph node recurrence, distant metastasis or unspecified progression			
	1-KM	1 minus Kaplan-Meier estimator ("inverse" Kaplan-Meier estimator)			
	CI	Cumulative incidence Death as competing risk (according to Kalbfleisch und Prentice)			
PPS	Post-progression survival	Survival since first progression / relapse (Kaplan-Meier estimate) Date of entry (progression / relapse): first local-, lymph node recurrence, distant metastasis or unspecified progression Event: death from any cause			

Recommended Citation

Munich Cancer Registry. Survival ST: Sarcoma (morph.) [Internet]. 2016 [updated 2016 Apr 11; cited 2016 Jun 1]. Available from: http://www.tumorregister-muenchen.de/en/facts/surv/shST__E-ST-Sarcoma-morph.-survival.pdf

Copyright

The content of the public web site provided by the Munich Cancer Registry is available worldwide and free of charge. All documents are free to download, utilize, copy, print-out and distribute, providing that the MCR is referenced.

Disclaimer

The Munich Cancer Registry reserves the right to not be responsible for the topicality, correctness, completeness or quality of the information provided. Liability claims regarding damage caused by the use of any information provided, including any kind of information which is incomplete or incorrect, will therefore be rejected.

Index of figures and tables

Fig./Tbl	l.	Page
1a	Relative survival by period of diagnosis (chart)	2
1b	Survival by period of diagnosis (table)	3
2a	Survival by gender (chart)	4
2b	Survival by gender (table)	4
3a	Relative survival by age category (chart)	5
3b	Survival by age category (table)	5
4a	Relative survival by TNM staging 1988+ (chart)	6
4b	Survival by TNM staging 1988+ (table)	6
4c	Relative survival by TNM staging 1998+ (chart)	8
4d	Survival by TNM staging 1998+ (table)	8
4e	Conditional survival by extent of disease (chart)	10
4f	Conditional survival by extent of disease (table)	10
5a	Time to first progression (chart)	11
5b	Time to first progression (table)	11
5c	Observed post-progression survival (chart)	13
5d	Observed post-progression survival (table)	13
5e	Observed post-progression survival by period of progression (chart)	14
5f	Observed post-progression survival by period of progression (table)	14