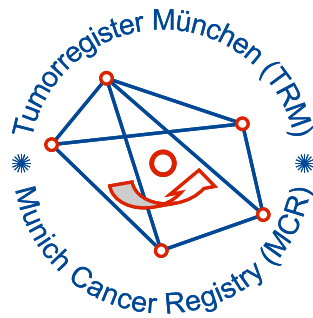


# Munich Cancer Registry



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

## ICD-10 C46: Kaposi sarcoma

### Survival

|                   |            |           |
|-------------------|------------|-----------|
| Year of diagnosis | 1988-1997  | 1998-2016 |
| Patients          | 52         | 85        |
| Diseases          | 52         | 85        |
| Cases evaluated   | 50         | 61        |
| Creation date     | 08/22/2018 |           |
| Export date       | 08/09/2018 |           |
| Population        | 4.81 m     |           |



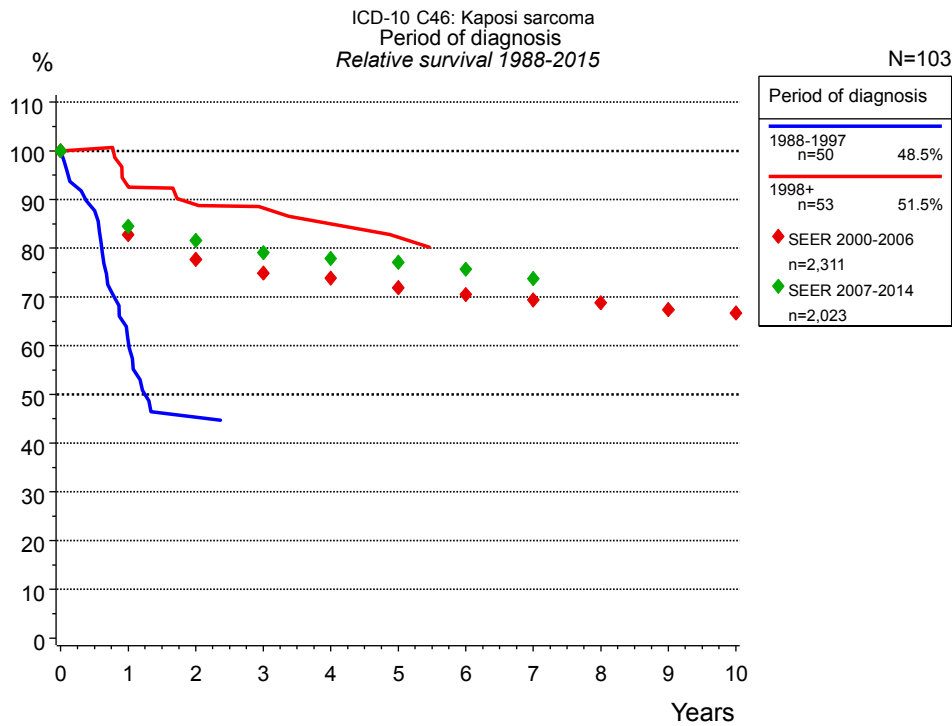
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<https://www.tumorregister-muenchen.de/en>

[https://www.tumorregister-muenchen.de/en/facts/surv/sC46\\_\\_E-ICD-10-C46-Kaposi-sarcoma-survival.pdf](https://www.tumorregister-muenchen.de/en/facts/surv/sC46__E-ICD-10-C46-Kaposi-sarcoma-survival.pdf)

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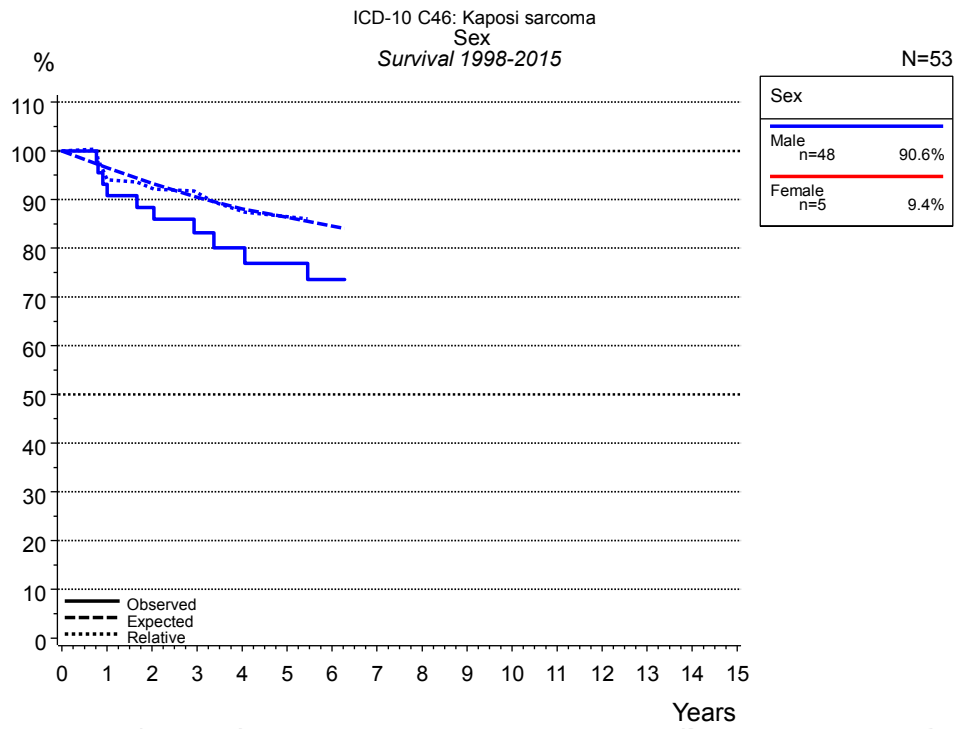
**Figure 1a.** Relative survival of patients with Kaposi sarcoma by period of diagnosis. Included in the evaluation are 103 cases diagnosed between 1988 and 2015.

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 2000 to 2014, and are represented by colored 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 population-based 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.

| Years | Period of diagnosis |        |               |        |
|-------|---------------------|--------|---------------|--------|
|       | 1988-1997<br>n=50   |        | 1998+<br>n=53 |        |
|       | obs. %              | rel. % | obs. %        | rel. % |
| 0     | 100.0               | 100.0  | 100.0         | 100.0  |
| 1     | 61.1                | 60.8   | 91.4          | 92.7   |
| 2     | 45.8                | 45.3   | 84.8          | 88.9   |
| 3     |                     |        | 79.9          | 88.3   |
| 4     |                     |        | 77.1          | 85.0   |
| 5     |                     |        | 71.0          | 82.3   |
| 6     |                     |        | 67.9          | 79.1   |

**Table 1b.** Observed (obs.) and relative (rel.) survival of patients with Kaposi sarcoma by period of diagnosis for period 1988-2015 (N=103).



**Figure 2a.** Survival of patients with Kaposi sarcoma by sex. Included in the evaluation are 53 cases diagnosed between 1998 and 2015. Subgroups with sample size <20 are omitted from the chart.

| Years | Sex    |        |
|-------|--------|--------|
|       | obs. % | rel. % |
| 0     | 100.0  | 100.0  |
| 1     | 93.1   | 94.2   |
| 2     | 88.4   | 92.3   |
| 3     | 83.2   | 91.4   |
| 4     | 80.1   | 87.6   |
| 5     | 76.9   | 86.5   |
| 6     | 73.6   | 84.8   |

**Table 2b.** Observed (obs.) and relative (rel.) survival of patients with Kaposi sarcoma by sex for period 1998-2015 (N=53).

**Shortcuts**

|      |  |   |
|------|--|---|
| MCR  | Munich Cancer Registry, Germany                  |   |
| 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)<br>Date of entry: diagnosis<br>Event: death from any cause  |
| RS   | Relative survival                                | Survival compared to “general population”,<br>ratio of observed to expected survival (Ederer II method),<br>reflecting cancer specific survival   |
| AS   | Assembled survival                               | Assembled chart of<br>observed, expected, relative survival   |
| CS   | Conditional survival                             | Survival probability under the condition of surviving<br>a given period of time   |
| TTP  | Time to progression                              | Time to first progression / relapse<br>Date of entry: diagnosis<br>Event: (progression / relapse): first local-, lymph node recurrence,<br>distant metastasis or unspecified progression  |
| 1-KM |  | 1 minus Kaplan-Meier estimator<br>(“inverse” Kaplan-Meier estimator)  |
| CI   |  | Cumulative incidence<br>Death as competing risk (according to Kalbfleisch und Prentice)   |
| PPS  | Post-progression survival                        | Survival since first progression / relapse (Kaplan-Meier estimate)<br>Date of entry (progression / relapse): first local-, lymph node<br>recurrence, distant metastasis or unspecified progression<br>Event: death from any cause |

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