Munich Cancer Registry

ICD-10 D32: Meninges neoplasm

Survival

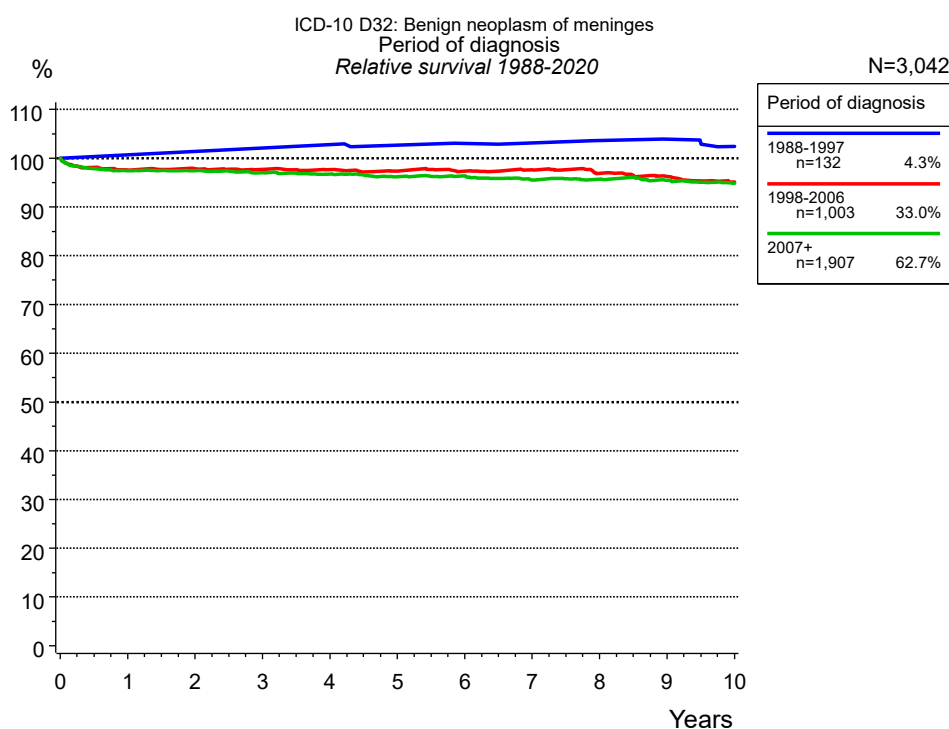| Year of diagnosis	1988-1997	1998-2020
Patients	147	3,872
Diseases	147	3,877
Cases evaluated	135	2,986
Creation date	04/15/2022	
Database export	12/20/2021	
Population	4.92 m	

Munich Cancer Registry
Cancer Registry Bavaria - Upper Bavaria Regional Center
at Klinikum Grosshadern/IBE
Marchioninistr. 15
Munich, 81377
Germany

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

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ICD-10 D32: Benign neoplasm of meninges
Period of diagnosis
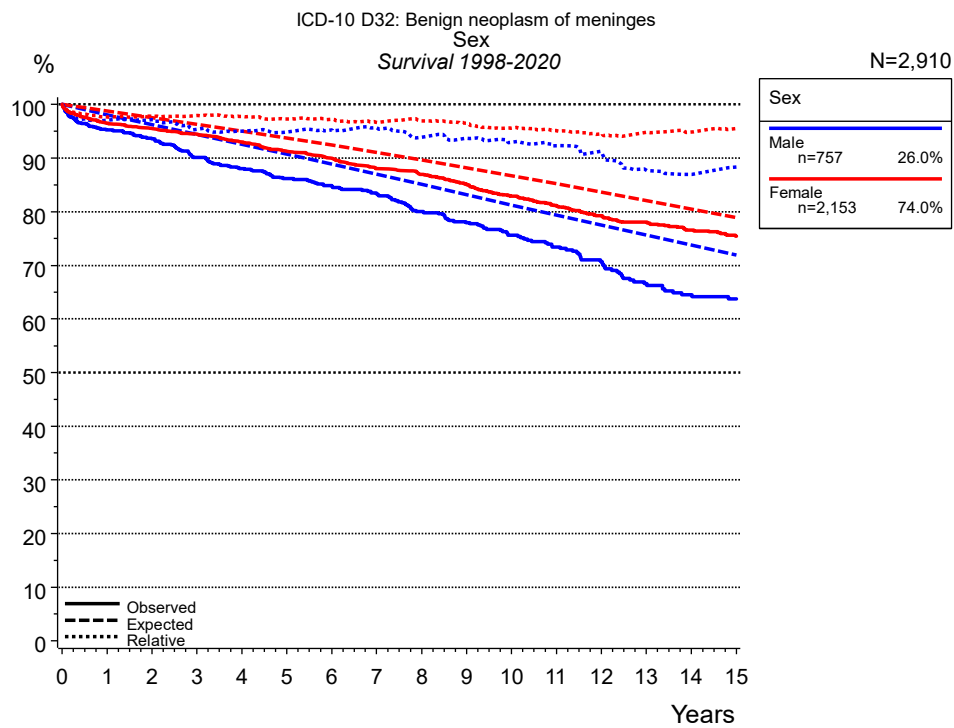*Relative survival 1988-2020*   N=3,042

Figure 1a. Relative survival of patients with meninges neoplasm by period of diagnosis. Included in the evaluation are 3,042 cases diagnosed between 1988 and 2020.

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.

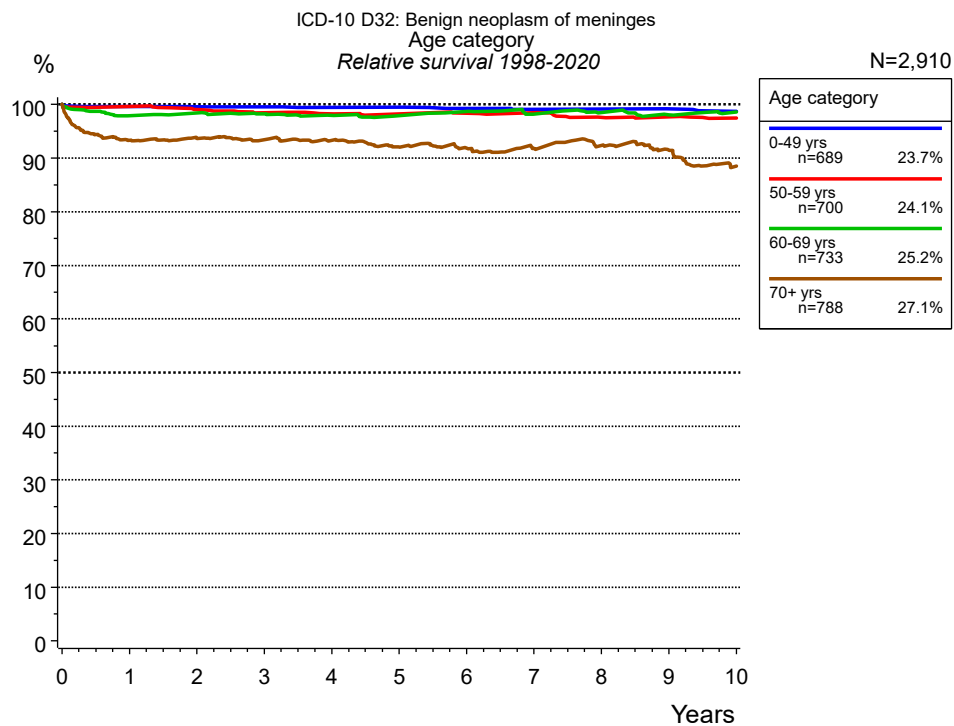|	Period of diagnosis					
	1988-1997 n=132		1998-2006 n=1,003		2007+ n=1,907	
Years	obs. %	rel. %	obs. %	rel. %	obs. %	rel. %
0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.7	96.4	97.6	96.1	97.4
2	100.0	101.4	95.5	97.9	94.7	97.5
3	100.0	102.1	94.1	97.7	92.8	97.0
4	100.0	102.8	92.8	97.6	91.1	96.7
5	98.5	102.6	91.3	97.4	89.2	96.2
6	97.7	103.0	89.9	97.4	87.9	96.4
7	96.9	103.2	88.8	97.6	85.6	95.5
8	96.2	103.6	86.6	96.9	84.3	95.7
9	95.4	103.9	84.7	96.3	82.5	95.5
10	93.1	102.4	82.2	95.2	80.3	94.9
Median	27.5					

Table 1b. Observed (obs.) and relative (rel.) survival of patients with meninges neoplasm by period of diagnosis for period 1988-2020 (N=3,042).

ICD-10 D32: Benign neoplasm of meninges
Sex
Survival 1998-2020

N=2,910

Figure 2a. Survival of patients with meninges neoplasm by sex. Included in the evaluation are 2,910 cases diagnosed between 1998 and 2020.

	Sex			
	Male n=757		Female n=2,153	
Years	obs. %	rel. %	obs. %	rel. %
0	100.0	100.0	100.0	100.0
1	95.2	97.1	96.5	97.7
2	93.6	97.1	95.4	97.8
3	90.1	95.4	94.4	98.0
4	88.1	95.0	93.0	97.8
5	86.1	94.9	91.3	97.3
6	84.8	95.3	89.9	97.2
7	83.3	95.6	88.0	96.6
8	80.0	93.9	86.9	96.9
9	77.9	93.7	85.1	96.5
10	75.6	92.9	82.9	95.6
11	73.4	92.3	81.2	95.2
12	70.7	91.1	79.2	94.5
13	66.6	87.7	78.0	94.8
14	64.5	87.0	76.5	94.9
15	63.7	88.3	75.4	95.5
Median				

Table 2b. Observed (obs.) and relative (rel.) survival of patients with meninges neoplasm by sex for period 1998-2020 (N=2,910).

Figure 3a. Relative survival of patients with meninges neoplasm by age category. Included in the evaluation are 2,910 cases diagnosed between 1998 and 2020.

	Age category							
	0-49 yrs n=689		50-59 yrs n=700		60-69 yrs n=733		70+ yrs n=788	
Years	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
1	99.6	99.6	99.3	99.6	96.9	97.9	89.9	93.3
2	99.4	99.6	98.2	99.1	96.5	98.4	86.9	93.6
3	99.2	99.5	97.1	98.5	95.1	98.2	83.1	93.4
4	98.9	99.4	96.5	98.3	93.6	98.0	79.4	93.3
5	98.9	99.5	95.8	98.2	92.2	97.9	74.8	92.0
6	98.4	99.3	95.5	98.4	91.7	98.7	71.1	91.8
7	98.0	99.1	94.9	98.4	89.6	98.2	67.3	91.8
8	97.8	99.1	93.3	97.6	88.3	98.5	63.9	92.3
9	97.6	99.2	92.7	97.7	86.4	98.1	59.4	91.5
10	96.8	98.7	91.5	97.5	84.9	98.6	53.6	88.5
Median					22.0		11.3	

Table 3b. Observed (obs.) and relative (rel.) survival of patients with meninges neoplasm by age category for period 1998-2020 (N=2,910).

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) 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

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