

Indicator Analysis 2023

Annual Report of the Certified Neuro-oncology Cancer Centres

Audit year 2022/ Indicator year 2021





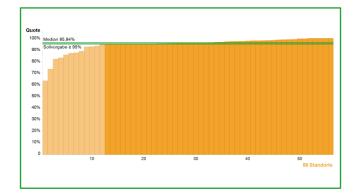
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General information

| | | All clinical sites 2020 | | |
|-------------|--|-------------------------|------------------|-------------------|
| | Indicator definition | Median | Range | Patients total |
| Numerator | Primary cases (elective patients:pre-intervention. emergency patients: post- intervention) who were presented in the tumour board | 164* | 61 - 604 | 10032 |
| Denominator | Primary cases (= Indicator 1a) | 178* | 106 - 618 | 10810 |
| Rate | Target value ≥ 95% | 96,86% | 34,46% - 100% | 92,80%** |



Basic data indicator:

The definition of the **numerator**, **denominator** and the **target value** are taken from the data sheet.

The **median** for numerator and denominator does not refer to an existing centre but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

Range specifies the value range for the numerator, denominator and ratio of all centres.

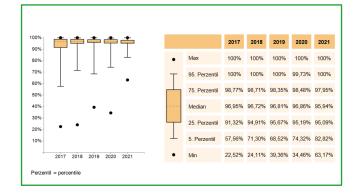
The column **Patients Total** displays the total of all patients treated according to the indicator and the corresponding quota.

Diagram:

The x-axis indicates the number of centres and the y-axis represents the values in percent or number (e.g. primary cases). The target value is depicted as a green horizontal line. The median, which is also depicted as a green horizontal line, divides the entire group into two equal halves.

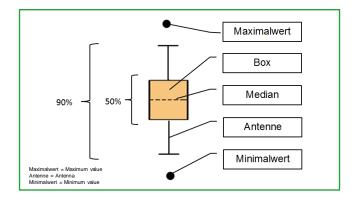


General information



Cohort development:

The **cohort development** in the years **2017**, **2018**, **2019**, **2020** and **2021** is presented in a boxplot diagram.



Boxplot:

A box plot consists of a **box with median**, **whiskers** and **outliers**. 50 percent of the centres are within the box. The median divides the entire available cohort into two halves with an equal number of centres. The whiskers and the box encompass a 90th percentile area/range. The extreme values are depicted here as dots.



Status of the certification system for Neuro-oncology Cancer Centres 2022

| | 31.12.2022 | 31.12.2021 | 31.12.2020 | 31.12.2019 | 31.12.2018 | 31.12.2017 |
|---|------------|------------|------------|------------|------------|------------|
| Ongoing certification procedures | 4 | 3 | 5 | 2 | 2 | 5 |
| Certified Centres | 56 | 53 | 46 | 42 | 38 | 32 |
| | | | | | | |
| Certified clinical sites | 57 | 54 | 47 | 43 | 39 | 33 |
| Neuro-oncology Centres with 1 clinical site | 55 | 52 | 45 | 41 | 37 | 31 |
| 2 clinical sites | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 clinical sites | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 clinicial sites | 0 | 0 | 0 | 0 | 0 | 0 |



Clinical sites taken into account

| | 31.12.2022 | 31.12.2021 | 31.12.2020 | 31.12.2019 | 31.12.2018 | 31.12.2017 |
|--|------------|------------|------------|------------|------------|------------|
| Clinical sites included in the Annual Report | 56 | 51 | 44 | 40 | 38 | 30 |
| equivalent to | 98.2% | 94.4% | 93.6% | 93.0% | 97.4% | 90.9% |
| | | | | | | |
| Primary cases total* | 11,750 | 10,810 | 9,914 | 9,254 | 8,820 | 7,219 |
| Primary cases per clinical site (mean)* | 209,8 | 211,9 | 225,3 | 231,4 | 232,1 | 240,6 |
| Primary cases per clinical site (median)* | 183,5 | 178 | 184,5 | 201,5 | 192,5 | 214 |

^{*}The figures are based on the clinical sites listed in the Annual Report.

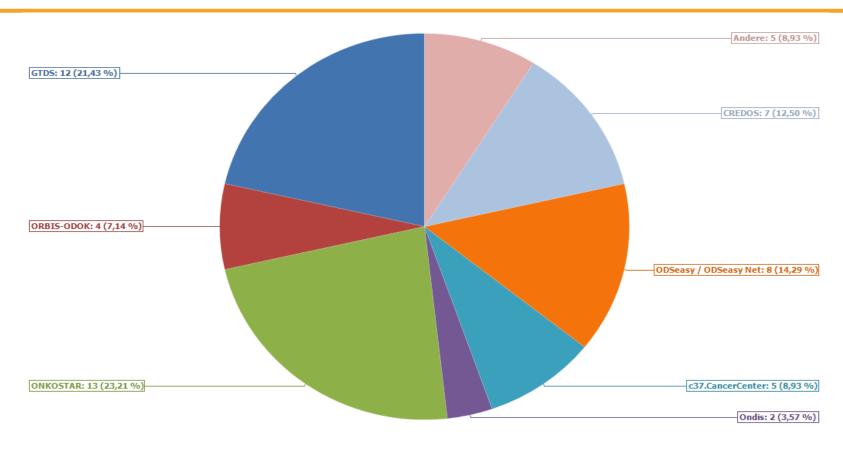
This annual report looks at the neuro-oncological centres certified in the certification system of the German Cancer Society. The basis for the diagrams in the annual report is the data sheet.

The annual report includes 56 of the 57 certified centre locations. 1 clinical site was not included as no approved data sheet was available by the data deadline of 31.01.2023. All 57 sites treated 12,076 primary Neuro-oncologica cases. A current overview of all certified sites is available at www.oncomap.de

The indicators published here relate to the indicator year 2021 and provide the basis for the audits conducted in 2022.



Tumour documentation systems in the Centre's clinical sites



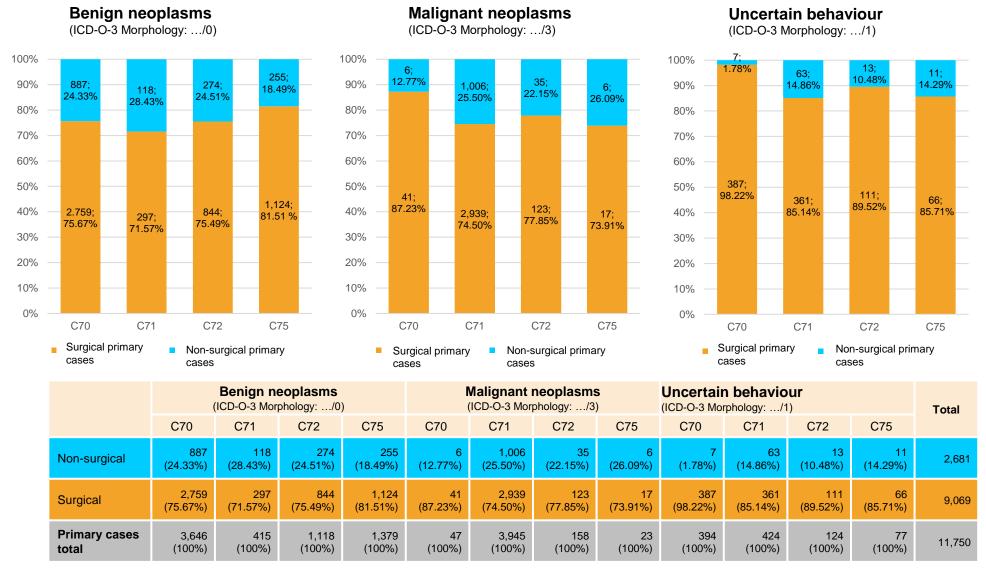
Andere = Other

| Legend: | |
|---------|--|
| Other | Systems that are only used at one location at a time |

The details on the tumour documentation system was taken from the Data Sheet (Basic Data Sheet). It is not possible to use more than one system. In many cases, support is provided by the cancer registries or there may be a direct link to the cancer registry via a specific tumor documentation system.



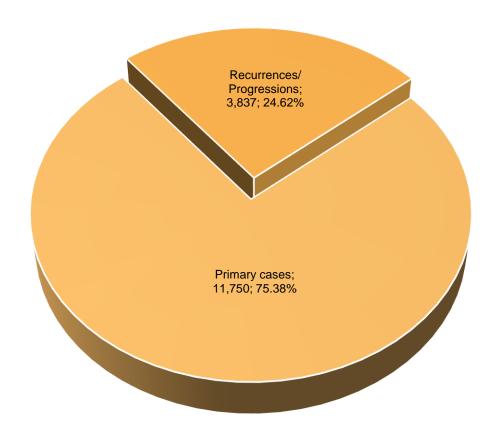
Basic data – Stage distribution primary cases of neuro-oncological tumors



C70: neoplasm of meninges; C71: neoplasm of brain; C72: neoplasm of medulla and cerebral nerves; C75: Other endocrine glands and related structures in line with ICD-O-3 topography



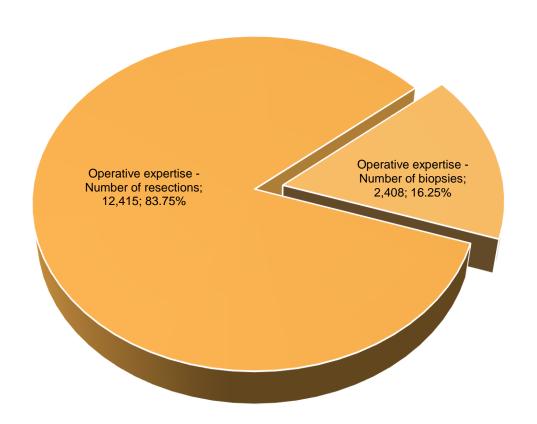
Basic data - centre cases neuro-oncological tumors



| Primary cases | Recurrences/ Progressions | Centre cases |
|-----------------|------------------------------|---------------|
| 11,750 (75.38%) | 3,837 (24.62%) | 15,587 (100%) |



Basic data - Surgical expertise (number of resections - number of biopsies)

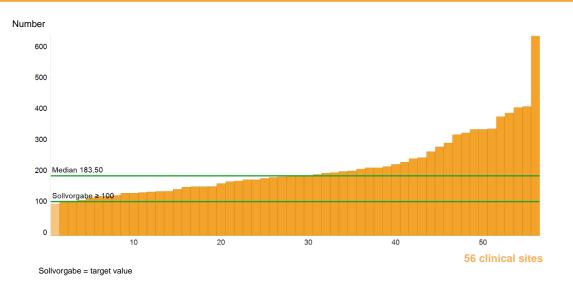


| Operative expertise - | Operative expertise - |
|-----------------------|-----------------------|
| Number of resections | Number of biopsies |
| 12,415 (83.75%) | 2,408 (16.25%) |

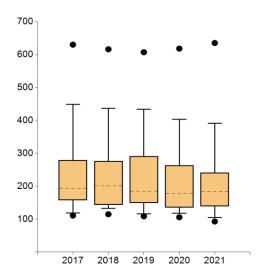
^{*}Operative expertise: Resections or biopsies in primary cases, patients with recurrences/progressions and metastases in the calendar year are counted, regardless of primary case status.



1a. Number of primary cases



| | | All clinical sites 2021 | | | |
|--------|---|-------------------------|----------|-------------------|--|
| | Indicator definition | Median | Range | Patients Total | |
| Number | Primary cases Definition in line with 1.2.1 | 183,5 | 93 - 635 | 11750 | |
| | Target value ≥ 100 | | | | |



| | | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|-----------------------------|--------|--------|--------|--------|--------|
| • | Max | 630,00 | 616,00 | 607,00 | 618,00 | 635,00 |
| Т | 95 th percentile | 448,35 | 436,70 | 434,00 | 403,50 | 391,50 |
| | 75 th percentile | 279,50 | 276,25 | 291,50 | 263,00 | 240,75 |
| | Median | 192,50 | 201,50 | 184,50 | 178,00 | 183,50 |
| T | 25 th percentile | 158,00 | 143,75 | 149,00 | 136,00 | 139,25 |
| | 5 th percentile | 118,65 | 132,85 | 115,75 | 117,50 | 105,25 |
| • | Min | 111,00 | 115,00 | 109,00 | 106,00 | 93,00 |

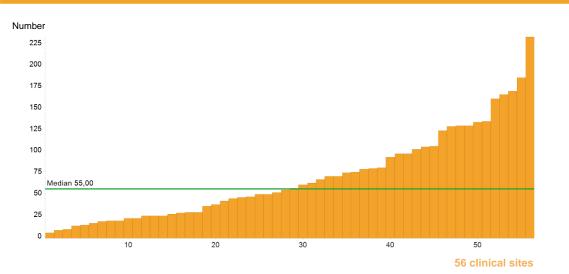
| Clinical sites with evaluable data | | Clinical sites in the target value | • |
|------------------------------------|---------|------------------------------------|--------|
| Number | % | Number | % |
| 56 | 100.00% | 55 | 98.21% |

Comments:

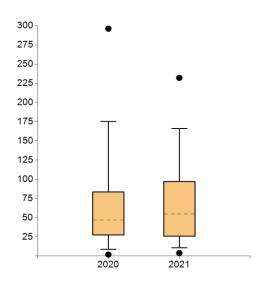
With 5 additional centres included in the evaluation, the number of primary cases has increased by 940 or 8.70%. The median has risen again after the probably Covid-related decline in 2020 and is back at the level before the start of the pandemic. While all centres met the target in the pre-indicator year, one centre fell short of the target in 2021. This centre also referred to the Covid pandemic. Since it was undergoing a surveillance audit, it was possible to fall short of the target.



1b. Patients with recurrence/progression



| | | All | clinical sites 20 | 021 |
|--------|--|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Number | Patients with recurrence / progression | 55 | 4 - 232 | 3837 |
| | No target value | | | |





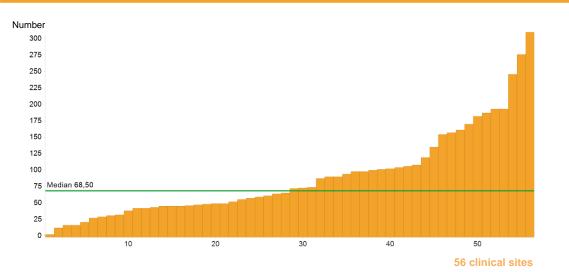
| Clinical sites with evaluable data | | Clinical sites in the target value | • |
|------------------------------------|---------|------------------------------------|---|
| Number | % | Number | % |
| 56 | 100.00% | | |

Comments:

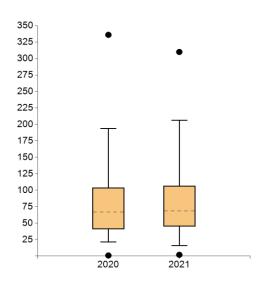
The number of recurrences or progressions is recorded without a minimum requirement. The median has increased - comparable to the development of the primary case numbers (see Indicator 1a) - to 55 cases.



1c. Cerebral metastasis



| | | All clinical sites 2021 | | |
|--------|---|-------------------------|---------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Number | Patients with cerebral metastasis who were treated in the NOC | 68,5 | 2 - 310 | 5018 |
| | No target value | | | |



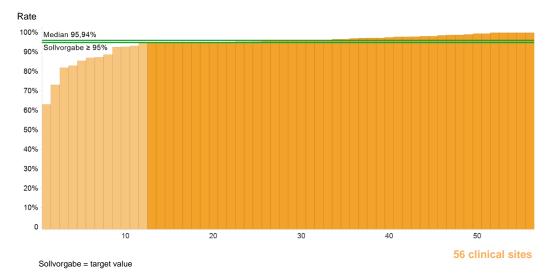


| Clinical sites with evaluable data | | Clinical sites meeting the target value | |
|------------------------------------|---------|---|--|
| Number | % | Number % | |
| 56 | 100.00% | | |

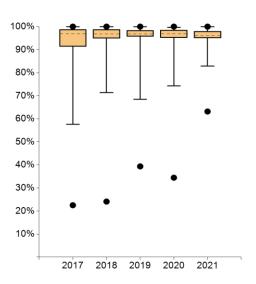
Comments:

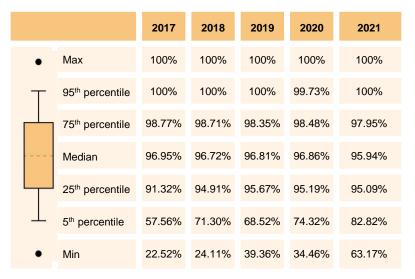
The median number of cases with cerebral metastasis treated in the centres is largely constant compared to the previous year. A total of 5,018 cases were recorded that were treated in the neuro-oncology centres.

2a. Interdisciplinary case discussions



| | | All | clinical sites 2 | 021 |
|-------------|---|--------|------------------|-------------------|
| | Indicator definition | Median | Range | Patients total |
| Numerator | Primary cases of the denominator (elective patients:pre-intervention, emergency patients: post-intervention) who were presented in the tumour board | 178* | 81 - 604 | 11108 |
| Denominator | Primary cases (= Indicator 1a) | 183,5* | 93 - 635 | 11750 |
| Rate | Target value ≥ 95% | 95.94% | 63.17% - 100% | 94.54%** |





| Clinical sites with evaluable data | | Clinical sites the target value | |
|------------------------------------|---------|---------------------------------|--------|
| Number | % | Number | % |
| 56 | 100.00% | 44 | 78.57% |

Comments:

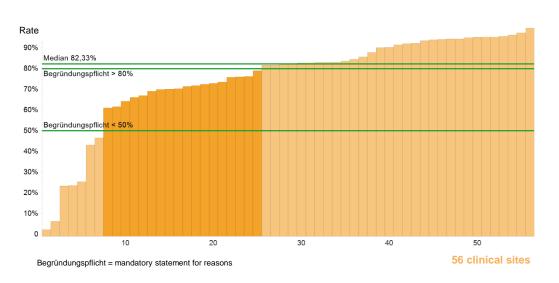
The rate of interdisciplinary case discussions continues the positive trend: the overall rate and the values of the lower percentiles improve compared to the previous year. Once again, 12 centres missed the target, 6 of which did so already in the previous year. 4 centres reported failures, 3 reported problems with the presentation of patients from the outpatient clinic or the ambulatory care centre. The centres responded with training, quality circles or the hiring of a case manager. One centre received a deviation.

** Percentage of total patients treated in centres according to the numerator.

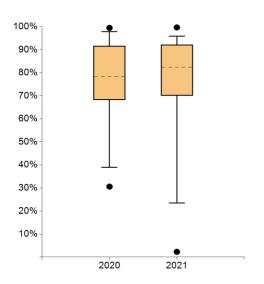
^{*}The median for numerator and denominator does not refer to an existing centre but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.



2b. Pretherapeutic interdisciplinary case discussions



| | | All | clinical sites 20 |)21 |
|-------------|--|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients total |
| Numerator | Primary cases of the denominator that were pre-interventionally presented in tumor board | 153,5* | 3 - 527 | 8992 |
| Denominator | Primary cases (= Indicator 1a) | 183,5* | 93 - 635 | 11750 |
| Rate | Mandatory statement for reasons*** <50% and >80% | 82.33% | 2.31% - 99.64% | 76.53%** |





| Clinical sites with evaluable data | | Clinical sites plausibility lin | |
|------------------------------------|---------|---------------------------------|--------|
| Number | % | Number | % |
| 56 | 100.00% | 18 | 32.14% |

Commments:

This key figure was compulsorily surveyed in the centres for the first time. The median rose significantly compared to the previous year. Of the 38 centres outside the plausibility limits, 31 even exceeded a rate of 80%. 7 centres had to justify a value <50%. At 4 of these centres, the processes were still being implemented, 2 centres referred to comparatively many emergencies or urgent cases. Efforts to increase the rate were demanded in the audits. In some cases, the centres hired case managers for better monitoring.

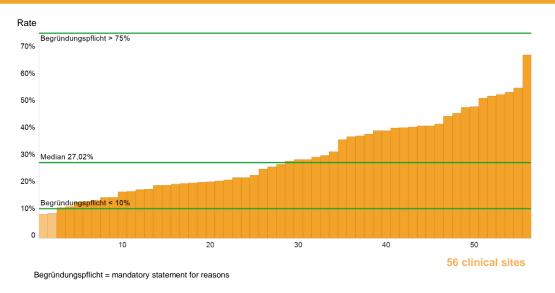
^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort

^{**} Percentage of total patients treated in centres according to the numerator.

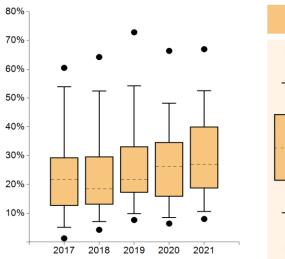
^{***} In the case of values outside the plausibility limit(s), the centres are required to provide justification.



3. Psycho-oncological counselling



| | | All | clinical sites 20 |)21 |
|-------------|--|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | Patients of the denominator who received psycho-oncological counselling in an inpatient or outpatient setting (Consultation ≥ 25 min.) | 65,5* | 16 - 240 | 4334 |
| Denominator | Primary cases (= Indicator 1a) and patients with recurrence / progress (= Indicator 1b) | 224,5* | 107 - 714 | 15587 |
| Rate | Mandatory statement for reasons*** < 10% and >75% | 27.02% | 8.04% - 66.96% | 27.81%** |





| Clinical sites with evaluable data | | Clinical sites plausibility lin | |
|------------------------------------|---------|---------------------------------|--------|
| Number | % | Number | % |
| 56 | 100.00% | 54 | 96.43% |

Comments:

The psycho-oncological care rate has risen to the highest level in recent years. Accordingly, only 2 centres were below a rate of 5% (previous year: 5). The two centres referred to the Covid pandemic and staff shortages. They had to explain in the audits how they intend to increase the care rate in the future (action plan, quality circles, new recruitment).

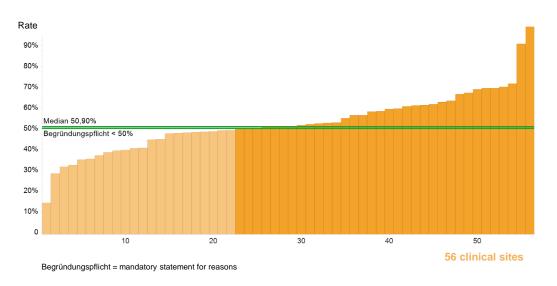
^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

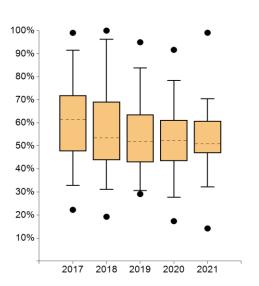
^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.

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4. Social services counselling



| | | All | clinical sites 20 | 021 |
|-------------|---|--------|--------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | Patients of the denominator who received counselling by social services in an inpatient or outpatient setting | 124* | 40 - 648 | 8274 |
| Denominator | Primary cases (= Indicator 1a) and patients with recurrence / progress (= Indicator 1b) | 224,5* | 107 - 714 | 15587 |
| Rate | Mandatory statement for reasons*** < 50% | 50.90% | 14.18% - 99.07% | 53.08%** |





| Clinical sites with evaluable data | | Clinical sites plausibility lin | |
|------------------------------------|---------|---------------------------------|--------|
| Number | % | Number | % |
| 56 | 100.00% | 34 | 60.71% |

Comments:

The median has dropped again and at the same time, with 22 centres, 3 more are below the 50% mark than in the previous year. Only 4 of these centres were located abroad, where other entitlements and responsibilities regarding social work apply. 7 centres referred to the effects of the Covid pandemic (short length of stay, few patient contacts), 3 to a low need for counselling. The centres were encouraged to strive for higher rates in the future, if necessary through training, quality circles and SOPs.

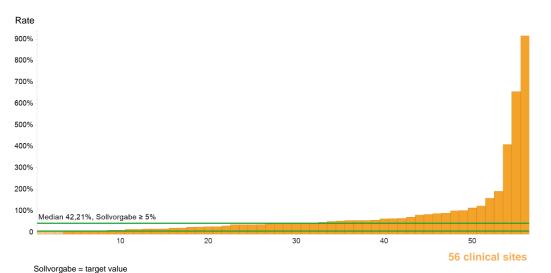
^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

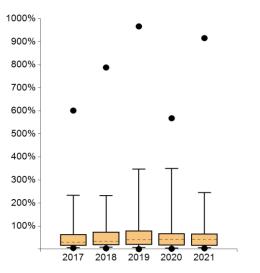
^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.

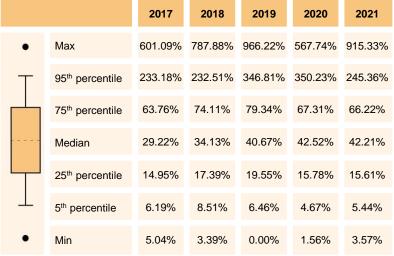


5. Patients enrolled in a study



| | | All | clinical sites 2 | 021 |
|-------------|---|--------|--------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | All patients (malignant and benign) who were included in a study with an ethical vote | 28* | 2 - 1373 | 4311 |
| Denominator | Malignant primary cases | 62* | 23 - 150 | 4173 |
| Rate | Target value ≥ 5% | 42.21% | 3.57% - 915.33% | 103.31%** |





| Clinical sites with evaluable data | | Clinical sites the target value | |
|------------------------------------|---------|---------------------------------|--------|
| Number | % | Number | % |
| 56 | 100.00% | 53 | 94.64% |

Comments:

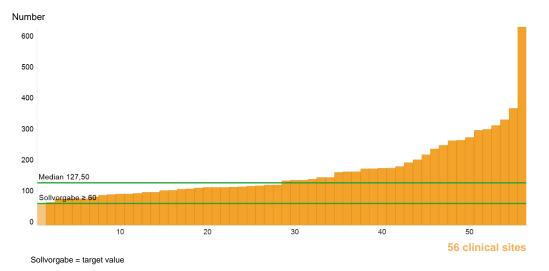
With a slightly lower median, the overall study rate remains at a stable high level. However, 3 centres (previous year: 4) remained below the target of 5%. These had already initiated participation in further studies, so that a higher rate seems achievable in the future. In view of this, the auditors refrained from deviations, but announced an intensified examination of the indicator in the follow-up audit.

** Percentage of total patients treated in centres according to the numerator.

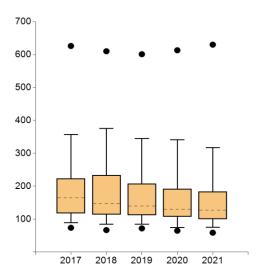
^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.



6a. Surgical primary cases



| | | Al | l clinical sites 20 | 021 |
|--------|---|--------|---------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Number | Surgical primary cases Definition in line with 5.2.3a | 127,5 | 59 - 630 | 9069 |
| | Target value ≥ 60 | | | |



| | | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------|-----------------------------|--------|--------|--------|--------|--------|
| • | Max | 626,00 | 610,00 | 601,00 | 613,00 | 630,00 |
| Т | 95 th percentile | 356,75 | 375,70 | 344,85 | 341,50 | 316,75 |
| \perp | 75 th percentile | 223,50 | 233,75 | 208,25 | 192,50 | 183,25 |
| | Median | 165,00 | 147,00 | 140,00 | 130,00 | 127,50 |
| H | 25 th percentile | 118,00 | 114,25 | 112,00 | 108,00 | 100,75 |
| Τ | 5 th percentile | 89,00 | 85,00 | 84,30 | 74,50 | 75,00 |
| • | Min | 74,00 | 67,00 | 72,00 | 65,00 | 59,00 |

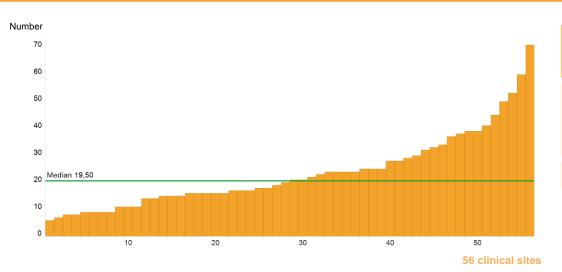
| Clinical sites with evaluable data | | Clinical sites meeting the target value | | |
|------------------------------------|---------|---|--------|--|
| Number | % | Number | % | |
| 56 | 100.00% | 55 | 98.21% | |

Comments:

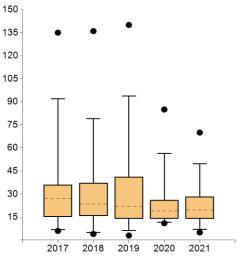
The median number of operative primary cases decreased further. With 5 additional sites, the total number of operative primary cases increased by 529 or 6.19%. In comparison to the previous year, one centre fell just short of the target with 59 cases and attributed this to the effects of the Covid pandemic. As this centre was undergoing a surveillance audit, it was possible to fall short of the target without affecting the certificate. For the re-audit, the average case numbers of the last 3 years must be proven.



6b. Biopsy



| | Indicator definition | All clinical sites 2020 | | |
|--------|---|-------------------------|--------|-------------------|
| | indicator definition | Median | Range | Patients Total |
| Number | Biopsies Definition in line with 5.2.3b | 19,5 | 5 - 70 | 1266 |
| | No target value | | | |





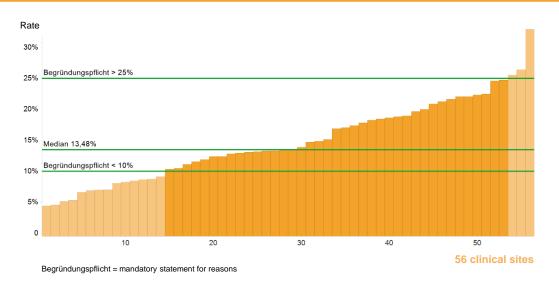
| Clinical sites with evaluable data | | Clinical sites meeting the target value | | |
|------------------------------------|---------|---|---|--|
| Number | % | Number | % | |
| 56 | 100.00% | | | |

Comments:

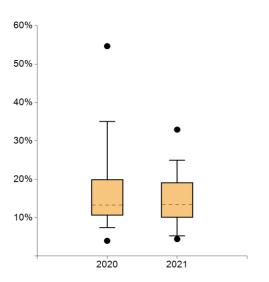
Despite 5 additional clinical sites, the number of biopsies remained almost constant. It increased by 15 biopsies, which corresponds to 1.20%. The centres with comparatively high biopsy numbers in recent years have in part recorded significant declines here. Since the indicator is not backed by a target value, the reasons for this development remain unclear.



6c. Ratio biopsies/resections



| | | All | clinical sites 20 |)21 |
|-------------|--|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | Biopsies (= Indicator 6b) | 19,5* | 5 - 70 | 1266 |
| Denominator | Surgical primary cases (= Indicator 6a) | 127,5* | 59 - 630 | 9069 |
| Rate | Mandatory statement for reasons*** <10% and >25% | 13.48% | 4.44% - 32.93% | 13.96%** |





| Clinical sites with evaluable data | | Clinical sites within the plausibility limits | | |
|------------------------------------|---------|---|--------|--|
| Number | % | Number | % | |
| 56 | 100.00% | 39 | 69.64% | |

Comments:

The ratio of biopsies and resections was documented for the second time. 14 of the 17 centres outside the Plausi limits had a value <10%, i.e. performed a comparatively large number of operations. 3 and 2 of these centres referred to a high proportion of benign or resectable tumours. 2 centres claimed biopsies (not countable here) for cerebral metastases. 3 centres stated that they generally favoured open surgery. The 3 centres with a rate of >25% referred mainly to unfavourably located tumours that were initially confirmed by biopsy.

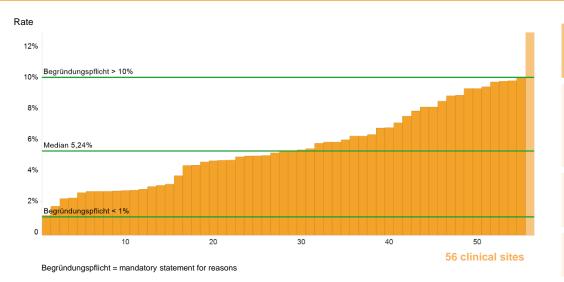
^{*} The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

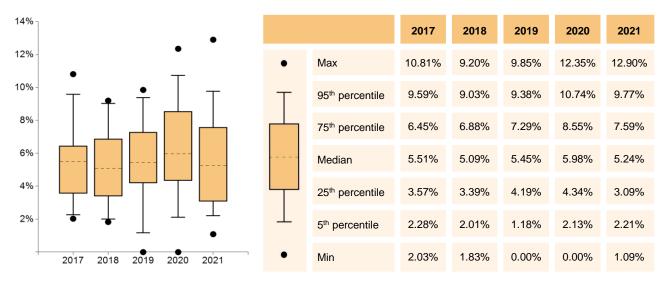
^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.



7a. Revision surgeries



| | | All | clinical sites 20 | 021 |
|-------------|--|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | Primary cases of the denominator with revision surgery due to post- operative complications within 30d after surgery | 8,5* | 1 - 31 | 486 |
| Denominator | Surgical primary cases (= Indicator 6a) | 127,5* | 59 - 630 | 9069 |
| Rate | Mandatory statement for reasons*** < 1% and >10% | 5.24% | 1.09% - 12.90% | 5.36%** |



| Clinical sites with evaluable data | | Clinical sites within the plausibility limits | | |
|------------------------------------|---------|---|--------|--|
| Number | % | Number | % | |
| 56 | 100.00% | 55 | 98.21% | |

Comments:

The revision rate decreased significantly both overall and in the median. Only 1 centre (previous year: 6) required a statement of reasons with a rate of 12.90%. Here, a rather broad spectrum of revision causes was present (hematoma/post-bleeding or Cerebrospinal Fluid (CSF) congestion/shunt dysfunction, fistula, etc.), so that an intensive examination of the key figure has already been announced for the follow-up audit.

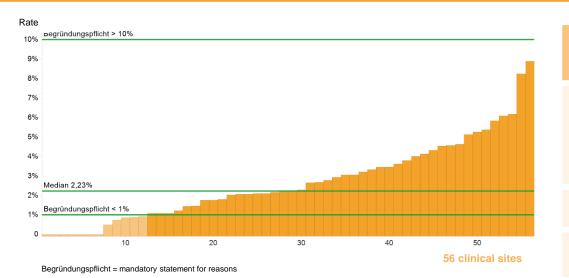
^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

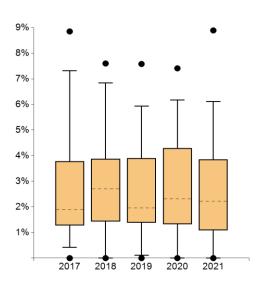
^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.



7b. Clinically symptomatic secondary bleeding



| | | All | clinical sites 20 | 21 |
|-------------|---|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | Primary cases of the denominator with clinically symptomatic secondary bleeding (= new onset or worsening of an existing neurological disorder) | 3,5* | 0 - 13 | 239 |
| Denominator | Surgical primary cases (= Indicator 6a) | 127,5* | 59 - 630 | 9069 |
| Rate | Mandatory statement for reasons*** < 1% and >10% | 2.23% | 0.00% - 8.89% | 2.64%** |





| Clinical sites with evaluable data | | Clinical sites within the plausibility limits | | |
|------------------------------------|---------|---|--------|--|
| Number | % | Number | % | |
| 56 | 100.00% | 44 | 78.57% | |

Comments:

The rate of clinically symptomatic secondary bleeding decreased slightly. Of the 12 centres outside the plausibility corridor, all were below 1%. These values could partly be confirmed after double checking. 3 centres even achieved a rate of 0%.

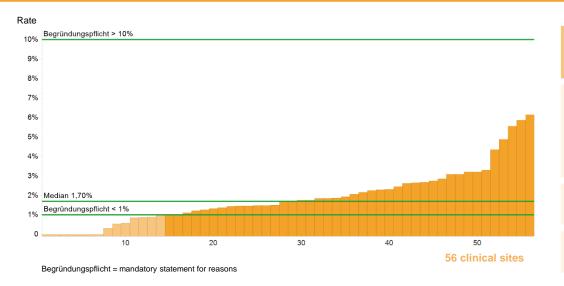
^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

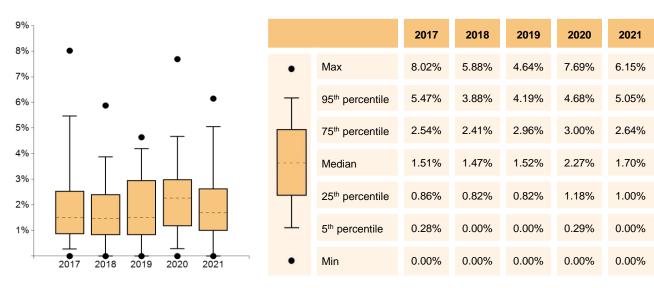
^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.



8. Post-surgical wound infections



| | | All | clinical sites 20 |)21 |
|-------------|---|--------|-------------------|-------------------|
| | Indicator definition | Median | Range | Patients Total |
| Numerator | Primary cases of the denominator with post-operative, laboratory-confirmed meningitis and/or wound infections requiring surgical revision within 30d after surgery. | 2* | 0 - 18 | 163 |
| Denominator | Surgical primary cases (= Indicator 6a) | 127,5* | 59 - 630 | 9069 |
| Rate | Mandatory statement for reasons*** < 1% and >10% | 1.70% | 0.00% - 6.15% | 1.80%** |



| Clinical sites with evaluable data | | Clinical sites within the plausibility limits | | |
|------------------------------------|---------|---|--------|--|
| Number | % | Number | % | |
| 56 | 100.00% | 42 | 75.00% | |

Comments:

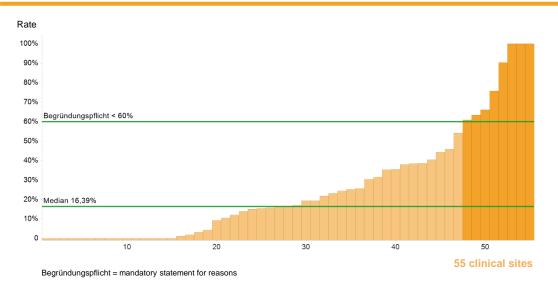
Similar to post-operative bleeding (see. indicator 7), the centres also show excellent results for post-operative wound infections. Here, too, all 12 centres outside the plausibility limits are below the 1% mark, i.e. record an extraordinarily low rate.

^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

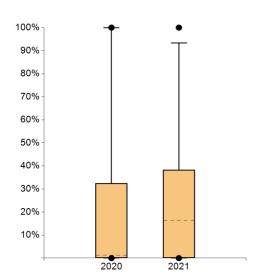
^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.

9. Assessment palliative symptoms



| | la disease definition | All clinical sites 2021 | | |
|-------------|--|-------------------------|--------------|--------------------|
| | Indicator definition | | Range | Patienten Total |
| Numerator | Patients with symptom recording via MIDOS or IPOS | 11* | 0 - 81 | 954 |
| Denominator | Patients with ICD-O topography C71 and ICD- O morphology /03 | 63* | 8 - 227 | 4349 |
| Rate | Mandatory statement for reasons*** <60% | 16.39% | 0,00% - 100% | 21.94%** |

IPOS = Integrated Palliative care Outcome Scale





| Clinical sites with evaluable data | | Clinical sites within the plausibility limits | | |
|------------------------------------|--------|---|--------|--|
| Number | % | Number | % | |
| 55 | 98.21% | 8 | 14.55% | |

Comments:

This indicator was collected for the first time on a mandatory basis in the centres. The large majority of centres recorded palliative symptoms in less than 60% of the patients in the denominator. 28 of the 47 centres who requiried a statement of reasons announced that the recording was still under development. 8 centres stated that they only had a consultation system. In some cases, only patients with obvious severe symptoms were recorded or alternative instruments were used. In the audits, efforts were made to consistently establish symptom recording using MIDOS or IPOS.

^{*}The median for numerator and denominator does not refer to an existing centre, but reflects the median of all numerators of the cohort and the median of all denominators of the cohort.

^{**} Percentage of total patients treated in centres according to the numerator.

^{***} For values outside the plausibility limit(s), the centres are required to provide a justification.

WISSEN AUS ERSTER HAND (FIRST-HAND KNOWLEDGE)



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Imprint

Publisher and responsible for content: Deutsche Krebsgesellschaft (DKG) Kuno-Fischer-Straße 8 14057 Berlin

Tel.: +49 (030) 322 93 29 0

Vereinsregister Amtsgericht Charlottenburg,

Vereinsregister-Nr.: VR 27661 B V.i.S.d.P.: Dr. Johannes Bruns

in cooperation with: OnkoZert, Neu-Ulm www.onkozert.de

Version e-A1-de; 21.06.2023

ISBN: 978-3-910336-34-6