

DAFTAR PUSTAKA

- Alkabban FM, Ferguson T. Breast Cancer. [Updated 2020 Nov 10]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK482286/>
- Casey MJ, Summers GK, Crotzer D. Endometrial Cancer. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK525981/>
- Chang, E. T., Liu, Z., Hildesheim, A., Liu, Q., Cai, Y., Zhang, Z., ... & Ye, W. (2017). Active and passive smoking and risk of nasopharyngeal carcinoma: a population-based case-control study in southern China. *American journal of epidemiology*, 185(12), 1272-1280.
- Chen, MJ. et al. Brazilian Medical Association: Guidelines for the Treatment of Lung Cancer using Radiotherapy. 28(3). 2012. Hal: 429 – 439.
- Cheng, Y. J., Nie, X. Y., Ji, C. C., Lin, X. X., Liu, L. J., Chen, X. M., ... & Wu, S. H. (2017). Long-term cardiovascular risk after radiotherapy in women with breast cancer. *Journal of the American Heart Association*, 6(5), e005633.
- El-Mofty, S. K. (2014). Histopathologic risk factors in oral and oropharyngeal squamous cell carcinoma variants: an update with special reference to HPV-related carcinomas. *Medicina oral, patologia oral y cirugia bucal*, 19(4), e377.
- Faizan U, Muppidi V. Uterine Cancer. [Updated 2020 Sep 10]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK562313/>
- Feeney, G. et al. *World Journal of Gastroenterology: Neoadjuvant Radiotherapy for Rectal Cancer Management*. 25(33). 2019. Hal: 4850 – 4869.
- Feinberg, B. A., Zettler, M. E., Klink, A. J., Lee, C. H., Gajra, A., & Kish, J. K. (2021). Comparison of Solid Tumor Treatment Response Observed in Clinical Practice With Response Reported in Clinical Trials. *JAMA Network Open*, 4(2), e2036741-e2036741.



- Fowler JR, Jack BW. Cervical Cancer. [Updated 2020 Aug 11]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK431093/>
- Kaseb H, Kuhn J, Babiker HM. Rhabdomyosarcoma. [Updated 2020 Nov 19]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK507721/>
- Kasoji, Sk. et al. Theranostics: Early Assessment of Tumor Response to Radiation Therapy using High-Resolution Quantitative Microvascular Ultrasound Imaging. 8(1). 2018. Hal: 156 – 168.
- Kemenkes RI. Laporan Nasional Riskesdas. Jakarta: Kemenkes. 2019. Hal: 118 - 119.
- Kemenkes RI. Infodatin Kanker. Jakarta: Kemenkes. 2013. Hal: 2.
- Khan, M.F., 2005, The Physics of Radiation Therapy, The 4th edition, Lippincott Williams and Wilkins, New York.
- Langlands, FE. et al. The British Journal of Radiology: Breast Cancer Subtypes: Response to Radiotherapy and Potential Radiosensitiation. 86(1023). 2013. Hal: 001 – 010.
- Leslie SW, Soon-Sutton TL, Sajjad H, et al. Prostate Cancer. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK470550/>
- Lopez, CT. et al. European Radiology Experimental: Evaluation of Response to Conventional Chemotherapy and Radiotherapy by Perfusion Computed Tomography in Non Small Cell Lung Cancer. 3(23). 2019. Hal: 001 – 010.
- Maquilan, G. et al. American Journal of Clinical Oncology: Analysis of the Relationship Between Response to Chemotherapy and Response to Radiation Therapy in Patients with Non-Small Cell Lung Cancer Receiving Sequential Treatment. 41(4). 2018. Hal: 391 – 395.
- McPherson, C. M., Suki, D., Feiz-Erfan, I., Mahajan, A., Chang, E., Sawaya, R., & Lang, F. F. (2010). Adjuvant whole-brain radiation therapy after surgical resection of single brain metastases. Neuro-

- Oncology, 12(7), 711–719. doi:10.1093/neuonc/noq005
- Mortezaee, K. et al. International Immunopharmacology: Targets for Improving Tumor Response to Radiotherapy. 76(2019). 2019. Hal: 001 – 017.
- National Cancer Institute. Solid Tumor. 2020. <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/solid-tumor>
- Nurman R., dan Bambang S., 2007, Kalibrasi Keluaran Berkas Elektron Pesawat Pemercepat Linear Medik Clinac 2100 No. Seri 1402 di Rumah Sakit Umum Pusat Dr. Sutomo Surabaya, Prosiding Pertemuan dan Presentasi Ilmiah Fungsional Pengembangan Teknologi Nuklir I, Jakarta.
- Rahakbauw, E. Winarto, H. Journal of Physics: Radiotherapy Response and Related Clinicopathological Factors of Patients with Cervical Cancer. 1073(2018). 2018. Hal: 001 – 008.
- Recio-Boiles A, Kashyap S, Tsoiris A, et al. Rectal Cancer. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK493202/>.
- Smetana, K., Lacina, L., Szabo, P., Dvořánková, B., Brož, P., & Šedo, A. (2016). Ageing as an important risk factor for cancer. *Anticancer research*, 36(10), 5009-5017.
- Tholomier, Côme; Souhami, Luis; Kassouf, Wassim. Bladder-sparing protocols in the treatment of muscle-invasive bladder cancer. *Translational andrology and urology*, 2020, 9.6: 2920.
- Tirkes, T., Hollar, M. A., Tann, M., Kohli, M. D., Akisik, F., & Sandrasegaran, K. (2013). Response Criteria in Oncologic Imaging: Review of Traditional and New Criteria. *RadioGraphics*, 33(5), 1323–1341. doi:10.1148/rg.335125214.
- Vinaik, T. (2018). Study of response and outcome of treatment of radiotherapy in patients of carcinoma cervix Stage IIB-IV with concurrent cisplatin. *International Journal of Medical Science and Public Health*, 7(8), 661-667.

- White, M. C., Holman, D. M., Boehm, J. E., Peipins, L. A., Grossman, M., & Henley, S. J. (2014). Age and cancer risk: a potentially modifiable relationship. *American journal of preventive medicine*, 46(3), S7-S15.
- Williams, JR. et al. Radiation Oncology: Tumor Response to Radiotherapy is Dependent on Genotype-Associated Mechanism in vitro and in vivo. 5(71). 2010. Hal: 001 - 014.
- Yamoah, K., Showalter, T. N., & Ohri, N. (2015). Radiation therapy intensification for solid tumors: a systematic review of randomized trials. *International Journal of Radiation Oncology* Biology* Physics*, 93(4), 737-745.
- Zamani Z, Fatima S. Biliary Tract Cancer. [Updated 2020 Jul 31]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 from: <https://www.ncbi.nlm.nih.gov/books/NBK560550/>

LAMPIRAN

Lampiran 1 : Surat Izin Penelitian

| | | |
|---|---|---------------------------------|
|  RUMAH SAKIT UNHAS | SURAT IZIN PENELITIAN | |
| | Nomor: 2064/UN4.24.1.2/PT.01.04/2022 | Tanggal 08 Maret 2022 |
| FORMULIR 2 BIDANG PENELITIAN DAN INOVASI | Kepada Yth Kepala Instalasi Rekam Medis | |
| <p>Dengan hormat,</p> <p>Dengan ini menerangkan bahwa peneliti/ mahasiswa berikut ini:</p> <p>Nama : Khusnul Khatimah</p> <p>NIM / NIP : C011181369</p> <p>Institusi : Pendidikan Dokter Umum, Kedokteran Unhas, Universitas Hasanuddin</p> <p>Kode penelitian : 220308_2</p> <p>Akan melakukan pengambilan data/ analisa bahan hayati:</p> <p>Terhitung : 09 Maret 2022 s/d 09 April 2022</p> <p>Jumlah Subjek/Sample : 100</p> <p>Jenis Data : Data rekam medik pasien kanker padat yang menjalani Radioterapi Di Universitas Hasanuddin 2020</p> <p>Untuk penelitian dengan judul:</p> <p>"Gambaran Respon Radioterapi Terhadap Kanker Padat Di RSPTN Universitas Hasanuddin 2020"</p> <p>Harap dilakukan pembimbingan dan pendampingan seperfunya.</p> <p>Kepala Bidang Penelitian dan Inovasi</p> <div style="text-align: center;">  Dr. Aslim Taslim, Sp.Onk.Rad, M.Kes NIP.198304252012121003 </div> <p><small>Catatan: Lembaran ini diarsipkan oleh Bidang Penelitian dan Inovasi</small></p> | | |

Lampiran 2 : Surat Permohonan Izin Penelitian



KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS HASANUDDIN
FAKULTAS KEDOKTERAN
PROGRAM STUDI SARJANA KEDOKTERAN

Jl. Perintis Kemerdekaan Km. 10 Tamalanrea, Makassar 90245, Telp. (0411) 587436, Fax. (0411) 586297

Nomor : 7891/UN4.6.8/PT.01.04/2021
Lamp : ---
Hal : Permohonan Izin Penelitian

16 April 2021

Yth. :
Direktur RSPTN Universitas Hasanuddin
Makassar

Dengan hormat, disampaikan bahwa mahasiswa Program Studi Pendidikan Dokter Fakultas Kedokteran Universitas Hasanuddin di bawah ini :

N a m a : Khusnul Khatimah
N i m : C011181369

bermaksud melakukan penelitian di RSPTN Universitas Hasanuddin dengan judul penelitian "Gambaran Respon Radioterapi Terhadap Kanker Padat Di RSPTN Universitas Hasanuddin Makassar Tahun 2020".

Sehubungan hal tersebut kiranya yang bersangkutan dapat diberi izin untuk melakukan Penelitian dalam rangka penyelesaian studinya.

Demikian permohonan kami, atas bantuan dan kerjasamanya disampaikan terima kasih.

Tembusan Yth :
1. Arsip

Ketua,
Program Studi Sarjana Kedokteran
Fakultas Kedokteran Unhas



Dr. dr. Siti Rafiah, MSi
NIP. 196803301997032001

Lampiran 3 : Data

Hasil Analisis Deskriptif Data_RekamMedik

| | | Statistics | | | |
|----------------|---------|---------------|----------|-----------|--------|
| | | Jenis Kelamin | Usia | Diagnosis | Respon |
| N | Valid | 188 | 188 | 188 | 188 |
| | Missing | 0 | 0 | 0 | 0 |
| Mean | | | 49.4947 | | |
| Std. Deviation | | | 13.11100 | | |
| Minimum | | | 5.00 | | |
| Maximum | | | 83.00 | | |

| | | Jenis Kelamin | | | |
|-------|-----------|---------------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Laki-laki | 59 | 31.4 | 31.4 | 31.4 |
| | Perempuan | 129 | 68.6 | 68.6 | 100.0 |
| | Total | 188 | 100.0 | 100.0 | |

| | | Usia | | | |
|-------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 5.00 | 1 | .5 | .5 | .5 |
| | 7.00 | 1 | .5 | .5 | 1.1 |
| | 14.00 | 1 | .5 | .5 | 1.6 |
| | 17.00 | 1 | .5 | .5 | 2.1 |
| | 18.00 | 1 | .5 | .5 | 2.7 |
| | 20.00 | 1 | .5 | .5 | 3.2 |
| | 21.00 | 1 | .5 | .5 | 3.7 |
| | 25.00 | 1 | .5 | .5 | 4.3 |
| | 27.00 | 3 | 1.6 | 1.6 | 5.9 |
| | 28.00 | 2 | 1.1 | 1.1 | 6.9 |
| | 29.00 | 5 | 2.7 | 2.7 | 9.6 |
| | 31.00 | 2 | 1.1 | 1.1 | 10.6 |
| | 33.00 | 2 | 1.1 | 1.1 | 11.7 |
| | 36.00 | 4 | 2.1 | 2.1 | 13.8 |

| | | | | |
|-------|----|-----|-----|-------|
| 37.00 | 2 | 1.1 | 1.1 | 14.9 |
| 38.00 | 4 | 2.1 | 2.1 | 17.0 |
| 39.00 | 2 | 1.1 | 1.1 | 18.1 |
| 40.00 | 3 | 1.6 | 1.6 | 19.7 |
| 41.00 | 1 | .5 | .5 | 20.2 |
| 42.00 | 3 | 1.6 | 1.6 | 21.8 |
| 43.00 | 5 | 2.7 | 2.7 | 24.5 |
| 44.00 | 7 | 3.7 | 3.7 | 28.2 |
| 45.00 | 1 | .5 | .5 | 28.7 |
| 46.00 | 9 | 4.8 | 4.8 | 33.5 |
| 47.00 | 5 | 2.7 | 2.7 | 36.2 |
| 48.00 | 8 | 4.3 | 4.3 | 40.4 |
| 49.00 | 11 | 5.9 | 5.9 | 46.3 |
| 50.00 | 12 | 6.4 | 6.4 | 52.7 |
| 51.00 | 11 | 5.9 | 5.9 | 58.5 |
| 52.00 | 7 | 3.7 | 3.7 | 62.2 |
| 53.00 | 4 | 2.1 | 2.1 | 64.4 |
| 54.00 | 5 | 2.7 | 2.7 | 67.0 |
| 55.00 | 7 | 3.7 | 3.7 | 70.7 |
| 56.00 | 8 | 4.3 | 4.3 | 75.0 |
| 57.00 | 5 | 2.7 | 2.7 | 77.7 |
| 58.00 | 4 | 2.1 | 2.1 | 79.8 |
| 59.00 | 5 | 2.7 | 2.7 | 82.4 |
| 60.00 | 2 | 1.1 | 1.1 | 83.5 |
| 61.00 | 2 | 1.1 | 1.1 | 84.6 |
| 62.00 | 3 | 1.6 | 1.6 | 86.2 |
| 63.00 | 2 | 1.1 | 1.1 | 87.2 |
| 64.00 | 1 | .5 | .5 | 87.8 |
| 65.00 | 6 | 3.2 | 3.2 | 91.0 |
| 66.00 | 1 | .5 | .5 | 91.5 |
| 67.00 | 1 | .5 | .5 | 92.0 |
| 68.00 | 1 | .5 | .5 | 92.6 |
| 70.00 | 3 | 1.6 | 1.6 | 94.1 |
| 72.00 | 3 | 1.6 | 1.6 | 95.7 |
| 73.00 | 3 | 1.6 | 1.6 | 97.3 |
| 74.00 | 2 | 1.1 | 1.1 | 98.4 |
| 75.00 | 1 | .5 | .5 | 98.9 |
| 81.00 | 1 | .5 | .5 | 99.5 |
| 83.00 | 1 | .5 | .5 | 100.0 |

| | | | |
|-------|-----|-------|-------|
| Total | 188 | 100.0 | 100.0 |
|-------|-----|-------|-------|

Diagnosis

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------------|-----------|---------|---------------|--------------------|
| Valid | Acinic cell carcinoma | 1 | .5 | .5 | .5 |
| | Adenocarcinoma | 1 | .5 | .5 | 1.1 |
| | Astrositoma | 2 | 1.1 | 1.1 | 2.1 |
| | Basalioma | 1 | .5 | .5 | 2.7 |
| | CA Cavum nasi | 1 | .5 | .5 | 3.2 |
| | CA Colli | 1 | .5 | .5 | 3.7 |
| | Chordoma | 1 | .5 | .5 | 4.3 |
| | Fibriomatosis | 1 | .5 | .5 | 4.8 |
| | Fibrosarcoma | 3 | 1.6 | 1.6 | 6.4 |
| | Glioblastoma | 1 | .5 | .5 | 6.9 |
| | Kanker Cervix | 68 | 36.2 | 36.2 | 43.1 |
| | Kanker Endometrium | 2 | 1.1 | 1.1 | 44.1 |
| | Kanker Kandung Kemih | 12 | 6.4 | 6.4 | 50.5 |
| | Kanker Kulit | 4 | 2.1 | 2.1 | 52.7 |
| | Kanker Laring | 2 | 1.1 | 1.1 | 53.7 |
| | Kanker Lidah | 5 | 2.7 | 2.7 | 56.4 |
| | Kanker Nasofaring | 10 | 5.3 | 5.3 | 61.7 |
| | Kanker Ovarium | 2 | 1.1 | 1.1 | 62.8 |
| | Kanker Paru | 1 | .5 | .5 | 63.3 |
| | Kanker Payudara | 29 | 15.4 | 15.4 | 78.7 |
| | Kanker Penis | 1 | .5 | .5 | 79.3 |
| | Kanker Prostat | 10 | 5.3 | 5.3 | 84.6 |
| | Kanker Rektum | 2 | 1.1 | 1.1 | 85.6 |
| | Kanker Sionasal | 2 | 1.1 | 1.1 | 86.7 |
| | Kanker Tiroid | 2 | 1.1 | 1.1 | 87.8 |
| | Karsinoma Sel Skuamosa | 3 | 1.6 | 1.6 | 89.4 |
| | Leiomyosarcoma | 1 | .5 | .5 | 89.9 |
| | Limfoma Hodgkin | 1 | .5 | .5 | 90.4 |
| | Liposarcoma | 1 | .5 | .5 | 91.0 |
| | Medullablastoma | 1 | .5 | .5 | 91.5 |
| | Meningioma | 1 | .5 | .5 | 92.0 |
| | MPNST | 1 | .5 | .5 | 92.6 |
| | Rhabdomyosarcoma | 1 | .5 | .5 | 93.1 |

| | | | | |
|------------------|-----|-------|-------|-------|
| Sarcoma | 6 | 3.2 | 3.2 | 96.3 |
| Tumor Leher | 2 | 1.1 | 1.1 | 97.3 |
| Tumor Parotis | 3 | 1.6 | 1.6 | 98.9 |
| Tumor Phylloides | 1 | .5 | .5 | 99.5 |
| Tumor Tulang | 1 | .5 | .5 | 100.0 |
| Total | 188 | 100.0 | 100.0 | |

Respon

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------------|-----------|---------|---------------|--------------------|
| Valid | COMPLETE RESPONSE | 172 | 91.5 | 91.5 | 91.5 |
| | PARTIAL RESPONSE | 16 | 8.5 | 8.5 | 100.0 |
| | Total | 188 | 100.0 | 100.0 | |

Diagnosis (Sorted)

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|------------------------|-----------|---------|---------------|--------------------|
| Valid | Kanker Cervix | 68 | 36.2 | 36.2 | 36.2 |
| | Kanker Payudara | 29 | 15.4 | 15.4 | 51.6 |
| | Kanker Kandung Kemih | 12 | 6.4 | 6.4 | 58.0 |
| | Kanker Nasofaring | 10 | 5.3 | 5.3 | 63.3 |
| | Kanker Prostat | 10 | 5.3 | 5.3 | 68.6 |
| | Sarcoma | 6 | 3.2 | 3.2 | 71.8 |
| | Kanker Lidah | 5 | 2.7 | 2.7 | 74.5 |
| | Kanker Kulit | 4 | 2.1 | 2.1 | 76.6 |
| | Fibrosarcoma | 3 | 1.6 | 1.6 | 78.2 |
| | Karsinoma Sel Skuamosa | 3 | 1.6 | 1.6 | 79.8 |
| | Tumor Parotis | 3 | 1.6 | 1.6 | 81.4 |
| | Astrositoma | 2 | 1.1 | 1.1 | 82.4 |
| | Kanker Endometrium | 2 | 1.1 | 1.1 | 83.5 |
| | Kanker Laring | 2 | 1.1 | 1.1 | 84.6 |
| | Kanker Ovarium | 2 | 1.1 | 1.1 | 85.6 |
| | Kanker Rektum | 2 | 1.1 | 1.1 | 86.7 |
| | Kanker Sionasal | 2 | 1.1 | 1.1 | 87.8 |
| | Kanker Tiroid | 2 | 1.1 | 1.1 | 88.8 |
| | Tumor Leher | 2 | 1.1 | 1.1 | 89.9 |

| | | | | |
|-----------------------|-----|-------|-------|-------|
| Acinic cell carcinoma | 1 | .5 | .5 | 90.4 |
| Adenocarcinoma | 1 | .5 | .5 | 91.0 |
| Basalioma | 1 | .5 | .5 | 91.5 |
| CA Cavum nasi | 1 | .5 | .5 | 92.0 |
| CA Colli | 1 | .5 | .5 | 92.6 |
| Chordoma | 1 | .5 | .5 | 93.1 |
| Fibromatosis | 1 | .5 | .5 | 93.6 |
| Glioblastoma | 1 | .5 | .5 | 94.1 |
| Kanker Paru | 1 | .5 | .5 | 94.7 |
| Kanker Penis | 1 | .5 | .5 | 95.2 |
| Leiomyosarcoma | 1 | .5 | .5 | 95.7 |
| Limfoma Hodgkin | 1 | .5 | .5 | 96.3 |
| Liposarcoma | 1 | .5 | .5 | 96.8 |
| Medullablastoma | 1 | .5 | .5 | 97.3 |
| Meningioma | 1 | .5 | .5 | 97.9 |
| MPNST | 1 | .5 | .5 | 98.4 |
| Rhabdomyosarcoma | 1 | .5 | .5 | 98.9 |
| Tumor Phylloides | 1 | .5 | .5 | 99.5 |
| Tumor Tulang | 1 | .5 | .5 | 100.0 |
| Total | 188 | 100.0 | 100.0 | |

Diagnosis * Respon Crosstabulation

Count

| Diagnosis | | Respon | | Total |
|------------------------|--|----------------------|---------------------|-------|
| | | COMPLETE RESPONSE | PARTIAL RESPONSE | |
| Acinic cell carcinoma | | 1 | 0 | 1 |
| Adenocaesinoma | | 1 | 0 | 1 |
| Astrojitoma | | 2 | 0 | 2 |
| Basalioma | | 0 | 1 | 1 |
| CA Cavum nasi | | 1 | 0 | 1 |
| CA Colli | | 1 | 0 | 1 |
| Chordoma | | 1 | 0 | 1 |
| Fibriomatosis | | 1 | 0 | 1 |
| Fibrosarcoma | | 3 | 0 | 3 |
| Glioblastoma | | 1 | 0 | 1 |
| Kanker Cervix | | 58 | 10 | 68 |
| Kanker Endometrium | | 2 | 0 | 2 |
| Kanker Kandung Kemih | | 11 | 1 | 12 |
| Kanker Kulit | | 4 | 0 | 4 |
| Kanker Laring | | 2 | 0 | 2 |
| Kanker Lidah | | 4 | 1 | 5 |
| Kanker Nasofaring | | 9 | 1 | 10 |
| Kanker Ovarium | | 2 | 0 | 2 |
| Kanker Paru | | 1 | 0 | 1 |
| Kanker Payudara | | 29 | 0 | 29 |
| Kanker Penis | | 1 | 0 | 1 |
| Kanker Prostat | | 9 | 1 | 10 |
| Kanker Rektum | | 1 | 1 | 2 |
| Kanker Sionasal | | 2 | 0 | 2 |
| Kanker Tiroid | | 2 | 0 | 2 |
| Karsinoma Sel Skuamosa | | 3 | 0 | 3 |
| Leiomyosarcoma | | 1 | 0 | 1 |
| Limfoma Hodgkin | | 1 | 0 | 1 |
| Liposarcoma | | 1 | 0 | 1 |
| Medullablastoma | | 1 | 0 | 1 |
| Meningioma | | 1 | 0 | 1 |
| MPNST | | 1 | 0 | 1 |
| Rhabdomyosarcoma | | 1 | 0 | 1 |
| Sarcoma | | 6 | 0 | 6 |

| | | | |
|------------------|-----|----|-----|
| Tumor Leher | 2 | 0 | 2 |
| Tumor Parotis | 3 | 0 | 3 |
| Tumor Phylloides | 1 | 0 | 1 |
| Tumor Tulang | 1 | 0 | 1 |
| Total | 172 | 16 | 188 |