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**SUMMARY:**

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| Publication   | 55 |
| Book Chapters   | 05 |
| Contributions to reports, guidelines, and policy documents: | 03 |

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**Publications:**

**Year 2024:**

1. Spinal Atypical Teratoid Rhabdoid Tumor in a 14-Year-old Child With Down Syndrome: A Case Report. Zahid S, Bashir F, **Minhas K**, Anwar SS, Javed G, Hawkins C, Bouffet E and Mushtaq N. J Pediatr Hematol Oncol. 2024 Aug 1;46(6):e433-e438. DOI: [10.1097/MPH.0000000000002919](https://doi.org/10.1097/MPH.0000000000002919)
2. Duodenal stricture secondary to IgG4-related chronic sclerosing duodenitis-A case report with review of the literature. Anns KM, Salar M, Salar H, Khan F, Memon WA, Aman M, Zafar U, **Minhas K**, Zafar H, and Shahid J. Clin Case Rep. 2024 May 27;12(6):e8980. DOI: [10.1002/ccr3.8980](https://doi.org/10.1002/ccr3.8980)
3. Pediatric neuropathology practice in a low- and middle-income country: capacity building through institutional twinning. Gilani A, Mushtaq N, Shakir M, Altaf A, Siddiq Z, Bouffet E, Tabori U, Hawkins C, and **Minhas K**. Front Oncol. 2024 May 3;14:1328374. DOI: [10.3389/fonc.2024.1328374](https://doi.org/10.3389/fonc.2024.1328374)
4. Case of embryonal tumor multilayered rosettes in a patient with neurofibromatosis type 1. Zahid S, Bashir F, **Minhas K**, Hilal K, and Mushtaq N. Childs Nerv Syst. 2024 May 7. DOI: [10.1007/s00381-024-06442-4](https://doi.org/10.1007/s00381-024-06442-4)
5. Pleomorphic xanthoastrocytoma. Memon A, Ahmad Z, **Minhas MK**. PathologyOutlines.com website. <https://www.pathologyoutlines.com/topic/cnstumorpleomorphicxanthoastrocytoma.html>.
6. Clinical and biological landscape of constitutional mismatch-repair deficiency syndrome: an International Replication Repair Deficiency Consortium cohort study. Ercan AB, Aronson M, Fernandez NR, Chang Y, Levine A, Liu ZA, Negm L, Edwards M, Bianchi V, Stengs L, Chung J, Al-Battashi A, Reschke A, Lion A, Ahmad A, Lassaletta A, Reddy AT, Al-Darraji AF, Shah AC, Van Damme A, Bendel A, Rashid A, Margol AS, Kelly BL, Pencheva B, Heald B, Lemieux-Anglin B, Crooks B, Koschmann C, Gilpin C, Porter CC, Gass D, Samuel D, Ziegler DS, Blumenthal DT, Kuo DJ, Hamideh D, Basel D, Khuong-Quang DA, Stearns D, Opocher E, Carceller F, Baris Feldman H, Toledano H, Winer I, Scheers I,

Fedorakova I, Su JM, Vengoechea J, Sterba J, Knipstein J, Hansford JR, Gonzales-Santos JR, Bhatia K, Bielamowicz KJ, **Minhas K**, Nichols KE, Cole KA, Penney L, Hjort MA, Sabel M, Gil-da-Costa MJ, Murray MJ, Miller M, Blundell ML, Massimino M, Al-Hussaini M, Al-Jadiry MF, Comito MA, Osborn M, Link MP, Zapotocky M, Ghalibafian M, Shaheen N, Mushtaq N, Waespe N, Hijiya N, Fuentes-Bolanos N, Ahmad O, Chamdine O, Roy P, Pichurin PN, Nyman P, Pearlman R, Auer RC, Sukumaran RK, Kebudi R, Dvir R, Raphael R, Elhasid R, McGee RB, Chami R, Noss R, Tanaka R, Raskin S, Sen S, Lindhorst S, Perreault S, Caspi S, Riaz S, Constantini S, Albert S, Chaleff S, Bielack S, Chiaravalli S, Cramer SL, Roy S, Cahn S, Penna S, Hamid SA, Ghafoor T, Imam U, Larouche V, Magimairajan Issai V, Foulkes WD, Lee YY, Nathan PC, Maruvka YE, Greer MC, Durno C, Shlien A, Ertl-Wagner B, Villani A, Malkin D, Hawkins C, Bouffet E, Das A, Tabori U. *Lancet Oncol*. DOI: [10.1016/S1470-2045\(24\)00026-3](https://doi.org/10.1016/S1470-2045(24)00026-3)

7. Capacity building for pediatric neuro-oncology in Pakistan- a project by my child matters program of Foundation S. Mushtaq N, Qureshi BM, Javed G, Sheikh NA, Bakhshi SK, Laghari AA, Enam SA, Anwar SSM, Hilal K, Kabir A, Ahmad A, Goraya A, Mistry AS, Rashid A, Maaz AUR, Munawar MA, Khan AA, Bashir F, Hashmi H, Saeed K, Khandwala K, Rehman L, Dewan MC, Khan MS, Karim MU, Shaheen N, Zia N, Yasmeen N, Mahmood R, Memon RAR, Kirmani S, Resham S, Kadri S, Riaz S, Hamid SA, Ghafoor T, Imam U, Mushtaq YR, Rana ZA, Bouffet E, and Minhas K. *Front Oncol*. 2024 Feb 29;14:1325167. DOI: [10.3389/fonc.2024.1325167](https://doi.org/10.3389/fonc.2024.1325167)

### **Year 2023:**

8. Paediatric choroid plexus carcinoma: a retrospective case series from Karachi. *J Pak Med Assoc*. 2023 Dec;73(12):2483-2487. Mustansir F, Baig E, Angez M, Minhas K, Mushtaq N, and Enam SA. *J Pak Med Assoc*. 2023 Dec;73(12):2483-2487. DOI: [10.47391/JPMA.6452](https://doi.org/10.47391/JPMA.6452)
9. Pakistan National Guidelines for Pediatric High-Grade Gliomas. Bashir F, Qureshi BM, **Minhas K**, Tabori U, Bouffet E, Hawkins C, Enam A and Mushtaq N. *Pak J Med Sci*. 2023 Sep-Oct;39(5):1548-1554. DOI: [10.12669/pjms.39.5.6300](https://doi.org/10.12669/pjms.39.5.6300)
10. Postoperative radiotherapy for high-grade primary cardiac spindle cell sarcoma: a rare entity. Ali T, Ali N, Khan L and **Minhas K**. *BMJ Case Rep*. 2023 Jun 30;16(6):e255438. DOI: [10.1136/bcr-2023-255438](https://doi.org/10.1136/bcr-2023-255438)
11. Myxopapillary ependymoma. PathologyOutlines.com website. Ahmad Z, Minhas MK and Memon A. <https://www.pathologyoutlines.com/topic/cnstumormyxopapillaryependymoma.html>

## **Year 2022:**

12. Building the ecosystem for pediatric neuro-oncology care in Pakistan: Results of a 7-year long twinning program between Canada and Pakistan. Mushtaq N, Mustansir F, **Minhas K**, Usman S, Qureshi BM, Mubarak F, Bari E, Enam SA, Laghari AA, Javed G, Shamim S, Darbar A, Abbasi AN, Kirmani S, Resham S, Bilal A, Hamid SA, Zia N, Shaheen N, Wali R, Ghafoor T, Imam U, Maaz AUR, Khan S, Laperriere N, Desbrandes F, Dirks P, Drake J, Huang A, Tabori U, Hawkins C, Bartels U, Ramaswamy V, Bouffet E. *Pediatr Blood Cancer*. 2022 Sep;69(9):e29726. DOI: [10.1002/pbc.29726](https://doi.org/10.1002/pbc.29726).
13. Giant Central Nervous System Aspergilloma Mimicking Butterfly Neoplasm of the Corpus Callosum. Khandwala K, Mubarak F, **Minhas K**, Gauhar F and Ahmed A. *Cureus*. 2022 Jun 23;14(6):e26225. DOI: [10.7759/cureus.26225](https://doi.org/10.7759/cureus.26225).
14. Paraganglioma of common bile duct: A case report. Pirzada MA, Khan MR, Begum S, **Minhas K**. *J Pak Med Assoc*. 2022 May;72(5):983-985. doi: 10.47391/JPMA.4286. DOI: [10.47391/JPMA.4286](https://doi.org/10.47391/JPMA.4286).
15. Building the ecosystem for pediatric neuro-oncology care in Pakistan: Results of a 7-year long twinning program between Canada and Pakistan. Mushtaq N, Mustansir F, **Minhas K**, Usman S, Qureshi BM, Mubarak F, Bari E, Enam SA, Laghari AA, Javed G, Shamim S, Darbar A, Abbasi AN, Kirmani S, Resham S, Bilal A, Hamid SA, Zia N, Shaheen N, Wali R, Ghafoor T, Imam U, Maaz AUR, Khan S, Laperriere N, Desbrandes F, Dirks P, Drake J, Huang A, Tabori U, Hawkins C, Bartels U, Ramaswamy V, Bouffet E. *Pediatr Blood Cancer*. 2022 Apr 28:e29726. doi: 10.1002/pbc.29726. DOI: [10.1002/pbc.29726](https://doi.org/10.1002/pbc.29726).

## **Year 2021:**

16. Lung findings in minimally invasive tissue sampling (MITS) examinations of fetal and preterm neonatal deaths: A report from the PURPOSE study. Guruprasad G, Dhaded S, Yogesh Kumar S, Somannavar MS, Goudar SS, Kulkarni V, Kumar S, Nagaraj TS, Uddin Z, **Minhas K**, Zafar A, Tikmani SS, Saleem S, Hwang K, Aceituno A, McClure EM, Goldenberg RL. *Clin Infect Dis*. 2021 Dec 15;73(Suppl\_5): S430-S434. DOI: [10.1093/cid/ciab846](https://doi.org/10.1093/cid/ciab846).
17. The many faces of glioblastoma: Pictorial review of atypical imaging features. Khandwala K, Mubarak F and **Minhas K**. *Neuroradiol J*. 2021 Feb;34(1):33-41. DOI: [10.1177/1971400920965970](https://doi.org/10.1177/1971400920965970).

## **Year 2020:**

18. Intra-abdominal Follicular Dendritic Cell Sarcoma (FDSC): Series of 18 cases of a rare entity from Pakistan. Zubair M, Ud Din N, Arshad S, **Minhas K**, Idress R, Ahmad Z. *Annals of Diagnostic Pathology*. 2020 Dec;49:151595. DOI: [10.1016/j.anndiagpath.2020.151595](https://doi.org/10.1016/j.anndiagpath.2020.151595).

19. Histopathological effects on stomach, liver and kidney associated with Cedrus deodara root oil in ulcer induced rats (Wistar strain). Mashaal K, Perveen R, Zia Z, Mahmood SM, **Minhas K**, Ibrahim S, Naqvi SNH and Naeem H. Pak. J. Pharm. Sci. 2020 Nov;33(6):2483-2488. PMID: 33867320.
20. Localizing an occult insulinoma by selective calcium arterial stimulation test: first ever experience and a new dimension to diagnosis in Pakistan. Rashid MO, Jabeen S, Kiran Z, **Minhas K**, Azeem M, Islam N. J Pak Med Assoc. 2020 Sep;70(9):1636-1639. DOI: [10.5455/JPMA.19325](https://doi.org/10.5455/JPMA.19325).
21. Invasive Breast Carcinoma Arising in a Nipple Adenoma After 15 Years: Report of a Rare Case and Literature Review. Abdul waasey M, Tariq MU, **Minhas K**, Naila Kayani. Cureus. 2020 Jun 12;12(6):e8586. [10.7759/cureus.8586](https://doi.org/10.7759/cureus.8586).

### **Year 2019:**

22. LMP1 expression in bone marrow trephines of patients with multiple myeloma confers a survival advantage. Rajput S, **Minhas K**, Azam I, Shaikh U, Hussain A, Lalani EN. Leuk Lymphoma. 2019 Aug;60(8):1991-2001. DOI: [10.1080/10428194.2018.1563697](https://doi.org/10.1080/10428194.2018.1563697).
23. Expression of cyclin D1 in clear cell sarcoma of kidney. Is it useful in differentiating it from its histological mimics? Uddin N, **Minhas K**, Abdul-Ghafar J, Ahmed A, Ahmad Z. Diagn Pathol. 2019 Feb 8;14(1). DOI: [10.1186/s13000-019-0790-8](https://doi.org/10.1186/s13000-019-0790-8).
24. Unicystic Ameloblastoma of Posterior Maxilla- a rare entity. Iqbal S, Ahmed S, **Minhas K** and Ayesha Aslam. Int.j.pathol. 2019;17(4):184-187. <https://www.jpathology.com/index.php/OJS/article/view/522>.

### **Year 2018:**

25. Expression of PAX-5 in B Cell Hodgkin and Non-Hodgkin Lymphoma. Khan MR, Ahmad A, Kayani N, **Minhas K**. Asian Pac J Cancer Prev. 2018 Dec 25;19(12):3463-3466. [10.31557/APJCP.2018.19.12.3463](https://doi.org/10.31557/APJCP.2018.19.12.3463).
26. Metachronous renal Ewing sarcoma/primitive neuroectodermal tumour in a survivor of Burkitt lymphoma. Khandwala K, Hilal K, Fadoo Z, **Minhas K**. BMJ Case Rep. 2018 Jun 11;2018. [10.1136/bcr-2017-224071](https://doi.org/10.1136/bcr-2017-224071).

### **Year 2017:**

27. Embryonal tumor with multilayered rosettes, C19MC-altered: Report of an extremely rare malignant pediatric central nervous system neoplasm. Tariq MU,

Ahmad Z, **Minhas MK**, Memon A, Mushtaq N, Hawkins C. SAGE Open Med Case Rep. 2017 Dec 4; 5:2050313X17745208. doi: [10.1177/2050313X17745208](https://doi.org/10.1177/2050313X17745208).

28. Synchronous and Metachronous Malignant Epithelial and Lymphoid Tumors: a Clinicopathologic Study of 10 Patients from a Major Tertiary Care Center in Pakistan. Ud Din N, Ahmad Z, **Minhas K**, Uddin Z, Ahmed A. Asian Pac J Cancer Prev. 2017 Aug 27;18(8):2067-2072. DOI: [10.22034/APJCP.2017.18.8.2067](https://doi.org/10.22034/APJCP.2017.18.8.2067).

### **Year 2016:**

29. Flaxseed extract exhibits mucosal protective effect in acetic acid induced colitis in mice by modulating cytokines, antioxidant and antiinflammatory mechanisms. Palla AH, Iqbal NT, **Minhas K**, Gilani AH. Int Immunopharmacol. 2016 Sep; 38:153-66. DOI: [10.1016/j.intimp.2016.04.043](https://doi.org/10.1016/j.intimp.2016.04.043).
30. Epithelial Malignancies Arising in Ovarian Mature Cystic Teratoma: A Series of 26 Cases. Ud Din N1, **Minhas K**, Arshad S, Kayani N, Ud Din et al. J Cytol Histol. 2016, S5. <https://www.hilarispublisher.com/abstract/epithelial-malignancies-arising-in-ovarian-mature-cystic-teratoma-a-series-of-26-cases-23852.html>.
31. Commonest Cancers in Pakistan - Findings and Histopathological Perspective from a Premier Surgical Pathology Center in Pakistan. Ahmad Z, Idrees R, Fatima S, Uddin N, Ahmed A, **Minhas K**, Memon A, Fatima SS, Arif M, Hasan SH, Ahmed R, Pervez S, Kayani N. Asian Pac J Cancer Prev. 2016;17(3):1061-75. DOI: [10.7314/apjcp.2016.17.3.1061](https://doi.org/10.7314/apjcp.2016.17.3.1061).
32. MALT lymphoma of the base of the tongue: a rare case entity. Iftikhar H, Siddiqui MI, and **Minhas K**. BMJ Case Rep. 2016 Feb 24;2016. DOI: [10.1136/bcr-2015-213830](https://doi.org/10.1136/bcr-2015-213830).

### **Year 2015:**

33. Epidemiologic data, tumor size, histologic tumor type and grade, pathologic staging and follow up in cancers of the ampullary region and head of pancreas in 311 Whipple Resection Specimens of Pakistani Patients. Z Ahmad, N Ud Din, **K Minhas**, S Moeen, A Ahmed. Asian Pac J Cancer Prev. 2015;16 (17), 7541-7546. DOI: [10.7314/apjcp.2015.16.17.7541](https://doi.org/10.7314/apjcp.2015.16.17.7541).
34. Congenital (infantile) fibrosarcoma of the scalp: a case series and review of literature. Ud Din N, **Minhas K**, Shamim MS, Mushtaq N, Fadoo Z. Childs Nerv Syst. 2015 Nov;31(11):2145-9. DOI: [10.1007/s00381-015-2824-1](https://doi.org/10.1007/s00381-015-2824-1).
35. Lymphangioma Circumscriptum: Clinicopathological Spectrum of 29 Cases. Fatima S, Uddin N, Idrees R, **Minhas K**, Ahmad Z, Ahmad R, Kayani N, Arif M. J Coll Physicians Surg Pak 2015 Sep;25(9):658-61.

36. Sarcoidosis presenting as retroperitoneal and lung mass. Iqbal N, Mahmood A, Irfan M, Minhas K. *BMJ Case Rep.* 2015 Mar 25;2015. DOI: [10.1136/bcr-2014-207176](https://doi.org/10.1136/bcr-2014-207176).

### **Year 2014:**

37. How our practice of histopathology, especially tumour pathology has changed in the last two decades: reflections from a major referral center in Pakistan. Ahmad Z, Idrees R, Fatima S, Arshad H, Din NU, Memon A, **Minhas K**, Ahmed A, Fatima SS, Arif M, Ahmed R, Haroon S, Pervez S, Hassan S, Kayani N. *Asian Pac J Cancer Prev.* 2014;15(9):3829-49. DOI: [10.7314/apjcp.2014.15.9.3829](https://doi.org/10.7314/apjcp.2014.15.9.3829).
38. Pleomorphic lobular carcinoma of the male breast with axillary lymph node involvement: a case report and review of literature. Zahir MN, **Minhas K**, Shabbir-Moosajee M. *BMC Clin Pathol.* 2014 Apr 27; 14:16. doi: [10.1186/1472-6890-14-16](https://doi.org/10.1186/1472-6890-14-16).

### **Year 2013:**

39. Gastrointestinal, liver and biliary tract pathology: a histopathological and epidemiological perspective from Pakistan with a review of the literature. Ahmad Z, Arshad H, Fatima S, Idrees R, Ud-Din N, Ahmed R, Ahmed A, Memon A, **Minhas K**, Arif M, Fatima S, Haroon S, Pervez S, Hasan S, Kayani N. *Asian Pac J Cancer Prev.* 2013;14(11):6997-7005. DOI: [10.7314/apjcp.2013.14.11.6997](https://doi.org/10.7314/apjcp.2013.14.11.6997).
40. Madurella mycetomatis as an agent of brain abscess: case report and review of literature. Mir F, Shakoor S, Khan MJ, **Minhas K**, Zafar A, Zaidi AK. *Mycopathologia.* 2013 Dec;176(5-6):429-34. DOI: [10.1007/s11046-013-9707-3](https://doi.org/10.1007/s11046-013-9707-3).
41. Sarcomatoid carcinoma of prostate involving the whole lower urinary tract and rectum. Nazim SM, Jalbani IK, Abbas F, **Minhas K**. *Urol Ann.* 2013 Oct;5(4):283-6. doi: [10.4103/0974-7796.120311](https://doi.org/10.4103/0974-7796.120311).
42. Sinonasal teratocarcinosarcoma: A clinicopathologic and immunohistochemical study of 6 cases. Fatima SS, **Minhas K**, Din NU, Fatima S, Ahmed A, Ahmad Z. *Ann Diagn Pathol.* 2013 Aug;17(4):313-8. DOI: [10.1016/j.amndiagpath.2013.01.003](https://doi.org/10.1016/j.amndiagpath.2013.01.003)
43. Melanotic neuroectodermal tumour of infancy: A rare brain tumour of childhood. Khan MB, Soares D, Tahir MZ, Kumar R, **Minhas K**, Bari ME. *J Coll Physicians Surg Pak.* 2013 May;23(5):367-9.

### **Year 2012:**

44. Infiltrating ductal carcinoma of breast presenting as areolar dermal lesion. Shafqat G, Khan S, **Minhas K**, Afzal S. *J Coll Physicians Surg Pak.* 2012 May;22(5):323-4.

## **Year 2011**

45. Juvenile Dermatomyositis. Ishaque S, Ahmed S, Ali R and **Minhas K**. JCPSP. 2011, Vol. 21 (7): 434-436.

## **Year 2010:**

46. Spindle epithelial tumor with thymus-like differentiation of thyroid gland: Report of two cases with follow-up. Nisa A, Barakzai A, **Minhas K**, Kayani N. Indian Journal of Pathology and Microbiology. 2010 Oct-Dec; 53(4):781-4. DOI: [10.4103/0377-4929.72088](https://doi.org/10.4103/0377-4929.72088).

## **Year 2009:**

47. Rapid sarcomatous transformation of an ameloblastic fibroma of the mandible: case report and literature review. Kousar A, Hosein MM, Ahmed Z, **Minhas K**. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Sep;108(3) 80-5.  
DOI: [10.1016/j.tripleo.2008.07.031](https://doi.org/10.1016/j.tripleo.2008.07.031).
48. Fibromatous periorchitis. **Minhas K**, Barakzai A, Qureshi A. J Pak Med Assoc. 2009 Jan;59(1):47-9.

## **Year 2008:**

49. Minimally invasive papillary carcinoma of the extrahepatic bile ducts. Fatima S, Ahmad Z, Qureshi A, **Minhas K**, Pal I. J Coll Physicians Surg Pak. 2008 Oct;18(10):649-51.  
DOI: [10.2008/JCPSP.649651](https://doi.org/10.2008/JCPSP.649651).
50. Metachronous primary cancers of colon and stomach. J Coll Physicians Surg Pak. Ahmad Z, Memon A, **Minhas K**. 2008 Feb;18(2):118-20.
51. Hepatic angiosarcoma with metastasis to small intestine. Ahmad Z, Nisa A, Idrees R, **Minhas K**, Pervez S, Mumtaz K. J Coll Physicians Surg Pak. 2008 Jan;18(1):50-2.

## **Year 2007:**

52. Post-transplant T-cell type lymphoproliferative disorder. J Coll Physicians Surg Pak. Ahmad Z, Ahsan A, Sheikh U, **Minhas K**. 2007 Dec;17(12):766-8.
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DOI: DOI: [10.1186/1752-1947-1-135](https://doi.org/10.1186/1752-1947-1-135).
54. Epidermoid cyst of the ovary. Idrees R, Ahmad Z, **Minhas K**, Naila Kayani. J Pak Med Assoc 2007 May;57(5):263-4.

55. Breast cancer with associated granulomatous axillary lymphadenitis: a diagnostic and clinical dilemma in regions with high prevalence of tuberculosis. **Minhas K**, Tariq M, Shahid P. Pathol Res Pract. 2007;203(10):699-704. DOI: [10.1016/j.prp.2007.07.004](https://doi.org/10.1016/j.prp.2007.07.004).

### **BOOK CHAPTERS:**

1. "Histopathology of the Liver, Gall Bladder and Pancreas." Comprehensive Colour Atlas of Diagnostic and Predictive Histopathology". **Khurram Minhas** and Sidra Arshad. Chapter 10, [https://10.1007/978-981-15-1220-9\\_1](https://10.1007/978-981-15-1220-9_1), ISBN 978-981-15-1219-3.
2. "Histopathology of Haematolymphoid." Comprehensive Colour Atlas of Diagnostic and Predictive Histopathology". Shahid Pervez, **Khurram Minhas** and Arsalan Ahmed. Chapter 9, [https://10.1007/978-981-15-1220-9\\_1](https://10.1007/978-981-15-1220-9_1), ISBN 978-981-15-1219-3.
3. Ahmad Z, **Minhas MK**, Memon A. Myxopapillary ependymoma. PathologyOutlines.com website. <https://www.pathologyoutlines.com/topic/cnstumormyxopapillaryependymoma.html>. 6<sup>th</sup>, April 2023
4. **Minhas MK**, Ud Din N. Chronic osteomyelitis. PathologyOutlines.com website. <https://www.pathologyoutlines.com/topic/bonechronic.htm>, 28<sup>th</sup> July 2022.
5. Shahid Pervez, **Khurram Minhas**. Histopathology of the Liver, Gall Bladder and Pancreas, Comprehensive Colour Atlas of Diagnostic and Predictive Histopathology, 1<sup>st</sup> Ed, Progressive International, 177-191.

### **CONTRIBUTIONS TO REPORTS, GUIDELINES AND POLICY DOCUMENTS:**

1. 2022- National Guidelines for Childhood High Grade Glioma. endorsed by PASNO (Pakistan Society of Neuro-Oncology) and PSPO (Pakistan Society of Pediatric Oncology).
2. Guidelines for the management of Medulloblastoma (children >3years of age), published online at Pakistan Society of Neuro-Oncology (PASNO) website February 2021. <http://www.pasno.org/guidelinesofmedulloblastoma.pdf>.
3. 2021- National Guidelines for Childhood Low Grade Glioma. endorsed by PASNO (Pakistan Society of Neuro-Oncology) and PSPO (Pakistan Society of Pediatric Oncology).