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## **SUMMARY:**

Publication	33
Book Chapters	01
Contributions to reports, guidelines, and policy documents:	00

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## **PUBLICATION:**

### **Year 2023**

1. Outcome of patients with primary and secondary hemophagocytic lymphohistiocytosis: A retrospective analysis from a tertiary care center. Abbasi AM, Shaikh MU, Shariq M, Arif MS, Arshad A, Raheem A and Ali N. Medicine (Baltimore). 2023 Oct 27;102(43):e34898. DOI: [10.1097/MD.00000000000034898](https://doi.org/10.1097/MD.00000000000034898)
2. Clinico-Haematological Profile Of Chronic Lymphoproliferative Disorders In Patients Presenting With Lymphocytosis. Rashid A, Ali Meerza SS, Mansoori H and **Shaikh MS.** J Pak Med Assoc. 2023 Sep;73(9):1816-1820. DOI: [10.47391/jpma.7242](https://doi.org/10.47391/jpma.7242)
3. Digital Morphology: Bridging the Final Gap in Automated Haematology Testing. **Shaikh MS** and Ahmed ZA. J Coll Physicians Surg Pak. 2023 Aug;33(8):949. DOI: [10.29271/jcpsp.2023.08.949](https://doi.org/10.29271/jcpsp.2023.08.949)

### **Year 2022**

4. Establishment of Population Specific Reference Intervals in Healthy Pakistani Adults for 21 Routine and Special Haematology Analytes**Shaikh MS**, Ahmed S, Khalid A, Hayat MH, Shaikh MU, and Ali N. . EJIFCC. 2022 Oct 28;33(3):220-232. PMCID: [PMC9644092](https://doi.org/10.29271/ejifcc.2022.03.220).

### **Year 2021**

5. Plasmodium in the bone marrow: a case series from a hospital in Pakistan. **Shaikh MS et al.** Malar J. 2021; 20: 254. <https://malariajournal.biomedcentral.com/articles/10.1186/s12936-021-03792-1>.
6. Parvovirus associated pure red cell aplasia – can we still make a diagnosis in resource constrained settings by conventional laboratory method? Ali SA, **Shaikh MS.** Egypt J Hematol.
7. Transfusion Associated Circulatory Overload: severe but preventable transfusion reaction. Sana N, **Shaikh MS.** J Pak Med Assoc. 2021;71(3)1049. [https://ojs.jpma.org.pk/index.php/public\\_html/article/view/556](https://ojs.jpma.org.pk/index.php/public_html/article/view/556).
8. Sickle hemoglobin: How critical are laboratory quality measures for accurate identification? Sana N, **Shaikh MS.** J Pak Med Assoc. 2021;71(2-A)571. [https://ojs.jpma.org.pk/index.php/public\\_html/article/view/187](https://ojs.jpma.org.pk/index.php/public_html/article/view/187).

## **Year 2020**

9. Flow Cytometric Analysis of ZAP-70 Protein Expression for B-Cell Chronic Lymphocytic Leukemia Prognostication: Usefulness and Limitations. **Shaikh MS**, Ahmed A, Sohail S, et al. Cureus. 2020; 12(11): e11691. <https://www.cureus.com/articles/44882-flow-cytometric-analysis-of-zap-70-protein-expression-for-b-cell-chronic-lymphocytic-leukemia-prognostication-usefulness-and-limitations>.
10. Ensuing adequate mixing of blood samples before analysis-A proposed method for verification of satisfactory sample mixing by automated red blood cell count analyzers. **Shaikh MS**, Ahmed S, Usman S, Ali N, Sana N. Int J Lab Hematol. 2020. doi: 10.1111/ijlh.13447. <https://pubmed.ncbi.nlm.nih.gov/33372373/>.

## **Year 2019**

11. Development and Pilot Testing of a Novel Tool for Evaluating Practical Skills in Hematopathology Residents in Pakistan. Moiz B, Kauser S, Rashid A, **Shaikh MS**. J Grad Med Educ. 2019;11(4):177-180. <https://pubmed.ncbi.nlm.nih.gov/31428277/>.
12. High Prevalence of Bone Pain and Fractures in Young Transfusion Dependent Patients with β-Thalassemia at Southern Pakistan. Moiz B, Khan HA, Raheem A and **Shariq M**. Ann Hematol Oncol. 2019; 6(2): 1234. <https://austinpublishinggroup.com/hematology/fulltext/hematology-v6-id1234.pdf>.
13. Better get moving on laboratory quality assurance. Ali SA, **Shaikh MS**. Int J Health Care Qual Assur. 2019;32(1):84-6. <https://pubmed.ncbi.nlm.nih.gov/30859881/>.
14. Current laboratory techniques commonly used for the detection of molecular biomarkers and potential technologies on the horizon. **Shaikh MS**, Ahmed Z. J Pak Med Assoc. 2019;69(7):1063. <https://pubmed.ncbi.nlm.nih.gov/31983754/>.

## **Year 2018**

15. Performance evaluation of a coagulation laboratory using sigma metrics. **Shaikh MS**, Ali SA, et al. Int J Health Care Qual Assur. 2018;31(6):600-608. <https://pubmed.ncbi.nlm.nih.gov/29954266/>.
16. Distribution of Chromosomal Abnormalities Commonly Observed in Adult Acute Myeloid Leukemia in Pakistan as Predictors of Prognosis. **Shaikh MS**, et al. Asian Pac J Cancer Prev, 2018;19(7):1903-1906. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6165659/>.
17. Chronic Granulomatous Inflammation of Bone. **Shaikh M**, Adil S. SM Tuberc Res Treat. 2018;2(1):1003. [https://www.researchgate.net/publication/327467756\\_Chronic\\_Granulomatous\\_Inflammation\\_of\\_Bone](https://www.researchgate.net/publication/327467756_Chronic_Granulomatous_Inflammation_of_Bone).
18. De Novo Complex Translocation 9; 22; 19 (Variant Philadelphia+) in Myelodysplastic Syndrome with Excess Blasts: A Case Report. Ahmed ZA, **Shaikh MS**, Khalid A, et al. J Blood Lymph 2018, 8:1. [https://www.researchgate.net/publication/324726250\\_De\\_Novo\\_Complex\\_Translocation\\_9\\_22](https://www.researchgate.net/publication/324726250_De_Novo_Complex_Translocation_9_22)

- [19 Variant Philadelphia in Myelodysplastic Syndrome with Excess Blasts A Case Report.](#)
19. Disseminated histoplasmosis in an immunocompetent young male: Role of bone marrow examination in rapid diagnosis. **Shaikh MS**, Memon AM. Diagn Cytopathol. 2018; 46(3):273-276. <https://pubmed.ncbi.nlm.nih.gov/29024456/>.
20. Adequacy of platelet counting by automated hematology analyzers: An insight on current methodologies. **Shaikh MS**, Khan NR. J Pak Med Assoc. 2018;68(4):675-676. [https://www.researchgate.net/publication/324131882 Adequacy of platelet counting by automated haematology analyzers An insight on current methodologies.](https://www.researchgate.net/publication/324131882_Adequacy_of_platelet_counting_by_automated_haematology_analyzers_An_insight_on_current_methodologies)
- Year 2017**
21. Monitoring near-miss events in a hospital blood bank. Karim F, Ali M, Rashid A, **Shaikh MS**, et al. ISBT Sci Ser. 2017; 12:381-5. [https://www.researchgate.net/publication/319396305 Monitoring\\_near-miss\\_events\\_in\\_a\\_hospital\\_blood\\_bank](https://www.researchgate.net/publication/319396305_Monitoring_near-miss_events_in_a_hospital_blood_bank).
- Year 2016**
22. Clinico-pathological profile and outcomes of patients with polycythemia vera, essential thrombocythemia and idiopathic myelofibrosis: a tertiary care center experience from southern Pakistan. **Shaikh MS**, Shaikh U, Adil S, Khurshid M, Ahmed Z. J Ayub Med Coll Abbottabad. 2016; 28:(2):293-297. <https://pubmed.ncbi.nlm.nih.gov/28718562/>.
23. Use of ISTH bleeding assessment tool to predict inherited platelet dysfunction in resource constrained settings. Rashid A, Moiz B, Karim F, **Shaikh MS**, Mansoori H, et al. Scand J Clin Lab Invest. 2016; 76 (5), 373-378. <https://pubmed.ncbi.nlm.nih.gov/27215135/>.
24. Waldenström macroglobulinaemia presenting with neurological symptoms after chemotherapy. **Shaikh MS**, Moiz B. Blood Res. 2016; 51 (1): 6. <https://www.bloodresearch.or.kr/journal/view.html?uid=1632&vmd=Full>.
25. Analytical performance evaluation of a high-volume hematology laboratory utilizing sigma metrics as standard of excellence. **Shaikh MS**, Moiz B. Int J Lab Hematol. 2016; 38(2):193-7. <https://pubmed.ncbi.nlm.nih.gov/26847366/>.
26. Clinical utility of immature platelet fraction – An advanced parameter in laboratory hematology. Sidra AA, **Shaikh MS**. J Coll Physicians Surg Pak. 2016; 26(9); 798-9. [https://www.researchgate.net/publication/309670536 Clinical Utility of Immature Platelet Fraction - An Advanced Parameter in Laboratory Hematology](https://www.researchgate.net/publication/309670536_Clinical_Utility_of_Immature_Platelet_Fraction_-_An_Advanced_Parameter_in_Laboratory_Hematology).
27. Assessment of WT1 Expression as a Marker of Treatment Outcome in Karyotype Normal Acute Myeloid Leukemia Patients in Pakistan. Ahmed ZA, **Shaikh MS**, Moattar T. J Coll Physicians Surg Pak. 2016; 26(5):441-442. <https://pubmed.ncbi.nlm.nih.gov/27225156/>.
- Year 2015**
28. Aleukemic myeloid sarcoma of the breast. **Shaikh MS**, Kayani N. J Coll Physicians Surg Pak. 2015; 25 (Special Supplement 2 of Case Reports): S122-S123. <https://pubmed.ncbi.nlm.nih.gov/26522197/>.

29. Establishing Quality Control Values for Hematology Parameters: An Insight. **Shaikh MS**. J Coll Physicians Surg Pak. 2015; 25(10):778.  
[https://ecommons.aku.edu/cgi/viewcontent.cgi?article=1466&context=pakistan\\_fhs\\_mc\\_pathol\\_microbiol](https://ecommons.aku.edu/cgi/viewcontent.cgi?article=1466&context=pakistan_fhs_mc_pathol_microbiol).
30. Iron Chelation in Patients with Transfusion Dependent Thalassemia: An Insight on Response to Deferasirox. **Shaikh MS**, Adil SN. J Coll Physicians Surg Pak. 2015; 25(7):253-4.  
[https://ecommons.aku.edu/cgi/viewcontent.cgi?article=1469&context=pakistan\\_fhs\\_mc\\_pathol\\_microbiol](https://ecommons.aku.edu/cgi/viewcontent.cgi?article=1469&context=pakistan_fhs_mc_pathol_microbiol).

## **Year 2014**

31. Pre-marital screening for beta thalassemia in Pakistan: an insight. **Shariq M**, Moiz B, Zaidi N, Bin Azhar W, Iqbal W, Humaira A, Memon RN. J Med Screen. 2014; 21(3):163-4.  
<https://journals.sagepub.com/doi/10.1177/0969141314541434>.
32. Frequency of chromosomal abnormalities in Pakistani adults with acute lymphoblastic leukemia. **Shaikh MS**, Adil SN, Shaikh MU, Khurshid M. Asian Pac J Cancer Prev. 2014; 15(21):9495-8. <https://pubmed.ncbi.nlm.nih.gov/25422245/>.
33. Chromosomal abnormalities in Pakistani children with acute lymphoblastic leukemia. **Shaikh MS**, Ali SS, Khurshid M, Fadoo Z. Asian Pac J Cancer Prev. 2014; 15(9):3907-9.  
<https://pubmed.ncbi.nlm.nih.gov/24935572/>.

## **BOOK CHAPTERS:**

1. Zeeshan Ansar Ahmed, Ashgar Nasir, **Muhammad Shariq Shaikh**, Tariq Moatter and Afshan Asghar Rasheed (December 12th 2018). Therapeutic Targets and Signaling Pathways for Diagnosis of Myeloma, Update on Multiple Myeloma, Khalid Ahmed Al-Anazi, IntechOpen, DOI: 10.5772/intechopen.81751. Available from:  
<https://www.intechopen.com/books/update-on-multiple-myeloma/therapeutic-targets-and-signaling-pathways-for-diagnosis-of-myeloma>.