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SUMMARY:

Publication	29
Book Chapters	01
Contributions to reports, guidelines, and policy documents:	00

PUBLICATION:

Year 2021

1. 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.

2. 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.

3. 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.

4. 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.

Year 2020

5. 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.

6. 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

7. 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/.

8. 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.

9. 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/.

10. 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

11. 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/.

12. 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/.

13. 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.

14. 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_19_Variant_Philadelphia_in_Myelodysplastic_Syndrome_with_Excess_Blasts_A_Case_Report.

15. 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/.

16. 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.

Year 2017

17. 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.

Year 2016

18. 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/.

19. 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/.

20. 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.

21. 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/.

22. 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.

23. 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

24. 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/.

25. 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.

26. 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.

Year 2014

27. 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.

28. 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/.

29. 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. Availablefrom: https://www.intechopen.com/books/update-on-multiple-myeloma/therapeutic-targets-and-signaling-pathways-for-diagnosis-of-myeloma.