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Section of Haematology

Department of Pathology and Laboratory Medicine/Oncology

SUMMARY:

Publication	63
Book Chapters	01
Contributions to reports, guidelines, and policy documents:	10

PUBLICATION:

Year 2021

1. Transplant in Aplastic Anemia Using Combined Granulocyte Colony-Stimulating Factor Primed Blood and Bone Marrow Stem Cells: A Retrospective Analysis. Ali N, Butt A, Altaf B, Adil SN, **Shaikh MU**. Transplant Proc. Jan-Feb 2021;53(1):386-390. [doi:10.1016/j.transproceed.2020.06.035](https://doi.org/10.1016/j.transproceed.2020.06.035). Epub 2020 Aug 7. <https://pubmed.ncbi.nlm.nih.gov/32773285/>.
2. 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, **Shaikh MU**, Ali N, Sana N. Int J Lab Hematol. 2021 Jun;43(3):e141-e144. [doi:10.1111/ijlh.13447](https://doi.org/10.1111/ijlh.13447). Epub 2020 Dec 29. <https://pubmed.ncbi.nlm.nih.gov/33372373/>.
3. Safety and Efficacy of Convalescent Plasma Treatment in COVID-19 Patients: Collate Trial. Hasan M, **Usman M**, Malik MJ, Jamil B, Nasir N, Habib K, et al. J Vaccines Vaccin. 2021;12: 448. <https://www.longdom.org/open-access/safety-and-efficacy-of-convalescent-plasma-treatment-in-covid19-patients-collate-trial.pdf>. Impact factor 2.3.
4. Chronic myeloid leukemia as a second malignancy after successful treatment of acute promyelocytic leukemia- A case report, Hematology transfusion and cell therapy. Mukhtadir A, **Usman M**. Hematol Transfus Cell Ther. 2021 May 18;S2531-1379(21)00073.[doi:10.1016/j.htct.2021.02.014](https://doi.org/10.1016/j.htct.2021.02.014). <https://pubmed.ncbi.nlm.nih.gov/34088648/>.
5. Fludarabine- based salvage therapy for refractory/relapsed acute leukemia: A single center Experience. Muqtadir A, **Usman M**, Ali N, Haider MN. Leukemia research reports 15(2021)100235. 2021 Jan 28; 15:100235. [Doi: 10.1016/j.lrr.2021.100235](https://doi.org/10.1016/j.lrr.2021.100235). e Collection 2021.<https://pubmed.ncbi.nlm.nih.gov/33598399/>.

Year 2020

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, **Shaikh U**, et al. Int J Lab Hematol. [DOI: 10.1111/ijlh.13447](https://doi.org/10.1111/ijlh.13447). <https://pubmed.ncbi.nlm.nih.gov/>.
7. Improved outcome in early induction deaths in patients with acute promyelocytic leukemia after therapeutic and supportive interventions: a follow up study of seven-years' experience at a tertiary care center. **Usman M**, Ali N. Am J Blood Res. 2020;10(4):82-89. <https://pubmed.ncbi.nlm.nih.gov/32923087/>.

8. Outcome of aplastic anemia using combined GCSF primed blood and bone marrow stem cells- a retrospective analysis. N Ali, **Usman M** et al. Biol Blood Marrow Transplant. 26(2020) 596-5255. <https://pubmed.ncbi.nlm.nih.gov/32773285/>.
9. Transplant in Aplastic Anemia Using Combined Granulocyte Colony-Stimulating Factor Primed Blood and Bone Marrow Stem Cells: A Retrospective Analysis. Ali N, Butt A, Altaf B, Adil SN, **Shaikh MU**. Transplantation Proceedings. 2020 Aug 6; S0041-1345(20)30611-4. doi: [10.1016/j.transproceed.2020.06.035](https://doi.org/10.1016/j.transproceed.2020.06.035). <https://pubmed.ncbi.nlm.nih.gov/32773285>.

Year 2019

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Year 2018

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Year 2015

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24. Clinical Characteristics, Outcome and Early Induction in Acute Promyelocytic Leukemia: Five years' experience at a tertiary care center. Karim F, **Usman M**. Singapore Medical Journal. 2014 55 (8): 443-447. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4294096/>.
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YEAR 2011

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30. BK virus induced late onset Hemorrhagic Cystitis after allogenic peripheral blood stem cell transplantation. Ali N, **Usman M**, Hasan S. *Indian Journal of Hematology and Blood Transfusion.* 2011 Sep; 27(3): 177–179. DOI [10.1007/s12288-011-0082-2](https://doi.org/10.1007/s12288-011-0082-2). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3155717/>.
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YEAR 2010

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YEAR 2007

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YEAR 2004

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61. Outcome of adult acute lymphoblastic leukemia: a single center experience. **Usman M**, Burney I, Nasim A, Adil SN, Salam A, Siddique T, Khurshid M. Journal of Pakistan Medical Association. 2003 Sep;53(9):384-8. <https://pubmed.ncbi.nlm.nih.gov/14620310/>.
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63. Fludarabine induced thrombocytopenia in a patient with B cell lymphoproliferative disorder. **Usman M**, Adil SN, Sajid R, Khurshid M. Journal of Pakistan Medical Association, 2003; 53:496-7. <https://jpma.org.pk/article-details/289>.

BOOK CHAPTERS:

1. **2017 Usman M**. How I treat adult ITP? How we manage blood disorders with limited resources, ISBN 978-969-9463-02-0; PRINTED BY Gondal graphics, Published by NIBD PUBLICATIONS, 2017.

CONTRIBUTIONS TO REPORTS, GUIDELINES AND POLICY DOCUMENTS:

1. **2019** Introduction of Mini CEX as a part of Clinical hematology Residency training initiative.
2. **2019** Introduction of competency based Entrustable Professional Attributes (EPA) in Clinical and Laboratory Hematology residency programs.
3. **2016-2017** Introduction of American Association of Continuous Medical Education (AACME) accredited teaching sessions for Residents and Faculty members of Hematology.
4. **2016-2017** Initiated two new one hourly sessions every week (104 sessions per year) named as “Departmental from Consultation Meeting” in laboratory hematology for residents and faculty and get accredited AACME, one credit hour per session.
5. **2015 to date Clinical Indicators:** Quality improvement Projects, Section of Clinical Hematology, Department of Oncology. Number of patients with screening for left ventricular function before receiving Anthracycline.2013 -2015.Patients without serological screening for Hepatitis B surface antigen and core antibodies before the administration of Inj. Rituximab.
6. **2015** Develop **package for diffuse large B cell Lymphoma**, the commonest in Pakistan and a good number of patients get treatment from AKU. Actively coordinate with different departments such as Pharmacy, Laboratory, Radiology and Finance before final approval.
7. **2014** Develop four pager **initial assessment form for the department of Oncology** after taking feedback from other faculty of oncology department.
8. **2014 Hematopoietic stem cell transplant Manual:** Following the observations of mock JCIA audit which was conducted by Ms Salma Jaffer and Dr Mairaj Shah, I develop fifty two pager manual for the use of faculty members of BMT team, trainee residents and

nursing staff. Hard copy as well as soft copy is available in BMT unit and intranet JCIA site, respectively; Details include Indications of transplant Pre transplant workup Protocols of autologous and allogenic transplant Donor related issues Prophylaxis medications Management of graft versus host disease, veno occlusive disease and Hemorrhagic cystitis etc.

9. **2013-2014 Prepared two clinical Pathways:**

a) Autologous Bone Marrow Transplant.

b) Allogeneic Bone Marrow Transplant and that include matched sibling, reduced intensity and haplo identical.

10. **2012** Introduces the new PGME and CPSP approved Residency Training Program of CLINICAL HEMATOLOGY in the department of Oncology, Aga Khan University.