

## **Dr. Hafsa Majid**

Section of Chemical Pathology

Department of Pathology and Laboratory Medicine

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### **SUMMARY:**

Publications

38

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## **Publications**

### **Year 2023**

1. Assessing the knowledge, attitude and practice of osteoporosis among Pakistani women: A national social-media based survey. Ahmed S, Farooqui AJ, Pradhan NA, Zehra N, **Majid H**, Jafri L and Khan AH. PLoS One. 2023 Nov 10;18(11):e0288057. DOI: [10.1371/journal.pone.0288057](https://doi.org/10.1371/journal.pone.0288057)
2. Factors Associated With Awareness Of Literate Mothers About Newborn Screening: A Cross-Sectional Study From A Low-Middle-Income Country. **Majid H**, Jafri L, Farooqui AJ, Ahmed S, Nisa Khan ZU and Khan AH. J Pak Med Assoc. 2023 Sep;73(9):1805-1810. DOI: [10.47391/JPMA.7004](https://doi.org/10.47391/JPMA.7004)
3. Sequence variants in the BTBD9 underlying biotinidase deficiency in families of Pakistani origin. Moatter T, Ahmed S, **Majid H**, Jafri L, Bilal M, Najumuddin, Faisal and Khan AH. J Gene Med. 2023 Sep 26:e3597. DOI: [10.1002/jgm.3597](https://doi.org/10.1002/jgm.3597)
4. A framework for implementing best laboratory practices for non-integrated point of care tests in low resource settings. Jafri L, Ahmed S, **Majid H**, Ghani F, Pillay T, Khan AH, Siddiqui I, Shakeel S, Ahmed S, Azeem S and Khan A. EJIFCC. 2023 Jul 10;34(2):110-122. PMCID: [PMC10349313](https://pubmed.ncbi.nlm.nih.gov/PMC10349313/)
5. Interleukin-6 (IL-6) as a Predictor of Clinical Outcomes in Patients with COVID-19. Mahmood SBZ, **Majid H**, Arshad A, Zaib-Un-Nisa, Niazali N, Kazi K, Aslam A, Ahmed S, Jamil B and Jafri L. Clin Lab. 2023 Jun 1;69(6). DOI: [10.7754/Clin.Lab.2022.220741](https://doi.org/10.7754/Clin.Lab.2022.220741)
6. Inappropriate supplementation of Vitamin D can result in toxicity: a cross sectional study of pediatrics population. Shamim N, **Majid H**, Khemani S, Salim M, Muneer

S and Khan AH. J Pak Med Assoc. 2023 Mar;73(3):500-504.

DOI: [10.47391/JPMA.5512](https://doi.org/10.47391/JPMA.5512).

7. Metabolomics of a neonatal cohort from the Alliance for Maternal and Newborn Health Improvement biorepository: Effect of preanalytical variables on reference intervals. Jafri L, Khan AH, Ilyas M, Nisar I, Khalid J, **Majid H**, Hotwani A and Jehan F. PLoS One. 2023 Jan 6;18(1):e0279931.  
DOI: [10.1371/journal.pone.0279931](https://doi.org/10.1371/journal.pone.0279931)

## **Year 2022**

8. Spectrum of Cystic Fibrosis Conductance Regulator Gene Mutations Reported in Pakistani Descent Cystic Fibrosis Patients. **Majid H**, Khan AH, Hashmi SB, Moatter T and Nasir A. J Coll Physicians Surg Pak. 2022 Aug;32(8):1042-1046.  
DOI: [10.29271/jcsp.2022.08.1042](https://doi.org/10.29271/jcsp.2022.08.1042).
9. Paradigm shifts in Vitamin D testing and diagnosis: A decade-long observational study. Pakistan Journal of Pathology. 31. 1-4.  
[10.55629/pakjpathol.v33i1.690](https://doi.org/10.55629/pakjpathol.v33i1.690). Majid H, Zehra N, Jafri L, Abid MA, Muneer S and Khan A. (2022). <https://doi.org/10.55629/pakjpathol.v33i1.690>.
10. Biotin-responsive Multiple Carboxylase Deficiency (MCD). Majid H, Ahmed S, Muneer S, Hamid R, Jafri L and Khan AH. J Coll Physicians Surg Pak. 2022 Jun;32(6):823-825. DOI: [10.29271/jcsp.2022.06.823](https://doi.org/10.29271/jcsp.2022.06.823).
11. Disease activity correlates and functionality in patients with rheumatoid arthritis - real-world experience from a South Asian country. Nasir N, **Majid H**, **Khan AH**, Awan S and Mehmood Riaz M. Reumatologia. 2022;60(3):183-191. Epub 2022 Jul 13. DOI: [10.5114/reum.2022.117838](https://doi.org/10.5114/reum.2022.117838).
12. Publication dynamics: what can be done to eliminate barriers to publishing full manuscripts by the postgraduate trainees of a low-middle income country? **Majid H**, **Jafri L**, **Ahmed S**, Abid MA, Aamir M, Ijaz A, **Khan AH** and **Siddiqui I**. BMC Res Notes. 2022 Jul 15;15(1):249. DOI: [10.1186/s13104-022-06138-5](https://doi.org/10.1186/s13104-022-06138-5).
13. Reference Intervals of Serum TSH from Mixed Distributions Using Truncation Points, and the Kolmogorov-Smirnov Distance. S Ahmed, J Zierk, AH Khan, L Jafri, **H Majid**, F Ghani, and I Siddiqui. Clin. Lab. 2022 Jul 68;1.

## **Year 2021**

14. Musculoskeletal in Alkaptonuria: A cross-sectional study. Khan AH, Afroze B, **Majid H**, Zaidi Y, Jamil A, Jafri L. Medicine. 2021 Dec 23;100(51):e28241.  
<https://doi.org/10.1097/MD.00000000000028241>.
15. Is diagnosing patients with Organic Acidurias and Aminoacidopathies enough? Conundrums of a low middle-income country. **Majid H**, Jafri L, Ali ZZ and Afroze

- B. Pak J Med Sci. 2021 Nov-Dec;37(7):1896-1901.  
<https://doi.org/10.12669/pjms.37.7.3887>.
16. Establishing reference interval for thyroid-stimulating hormone in children below two-year ages in Pakistani population. Muneer S, Siddiqui I, **Majid H**, Jafri L, Humayun KN, Ahmed S, Khan AH. Ann Med Surg (Lond). 2021 Jul 31; 68:102601.  
<https://doi.org/10.1016/j.amsu.2021.102601>.
  17. Determination of reference interval (RI) of spot urinary oxalate to creatinine ratio in children of Pakistani origin under six years of age: A cross-sectional study. Hashmi SB, Jafri L, Talati J, **Majid H**, Qazi S, Khan AH. Annals of medicine and surgery. 2021 Mar 30;64:102251. DOI: [10.1016/j.amsu.2021.102251](https://doi.org/10.1016/j.amsu.2021.102251).
  18. Diagnostic Accuracy of the Forns Score for Liver Cirrhosis in Patients with Chronic Viral Hepatitis. Bukhari T, Jafri L, **Majid H**, Ahmed S, Khan AHH, Abid S, Raza A, Siddiqui I. Cureus. 2021 Apr 13;13(4):e14477. <https://doi.org/10.7759/cureus.14477>.
  19. Determining Bone Turnover Status in Patients with Chronic Liver Disease. Bukhari T, Jafri L, **Majid H**, Khan AHH, Siddiqui I. Cureus. 2021 Apr 13;13(4):e14479. doi: 10.7759/cureus.14479. PMID: 33996337; PMCID: PMC8120131.  
<https://doi.org/10.7759/cureus.14479>.

## **Year 2020**

20. Relationship of spot urine oxalate to creatinine ratio and 24 hours urinary oxalate excretion in patients with urolithiasis. Hashmi SB, Jafri L, **Majid H**, Talati J, Aziz W, Khan AH. Ann Med Surg (Lond). 2020 Nov 7;60:330-333. doi: 10.1016/j.amsu.2020.11.002. PMID: 33224485; PMCID: PMC7666312.  
<https://doi.org/10.7759/cureus.14479>.
21. Newborn screening for congenital hypothyroidism: improvement in short-term follow-up by audit and monitoring. **Majid H**, Ahmed S, Siddiqui I, Humayun K, Karimi H, Khan AH. BMC Res Notes. 2020 Dec 14;13(1):563. doi: 10.1186/s13104-020-05400-y. PMID: 33317608; PMCID: PMC7734813.  
<https://doi.org/10.1186/s13104-020-05400-y>.
22. Calcaneal Ultrasound and Its Relation to Dietary and Lifestyle Factors, Anthropometry, and Vitamin D Deficiency in Young Medical Students. Jafri L, **Majid H**, Ahmed S, Naureen G, Khan AH. Front Endocrinol (Lausanne). 2021 Jan 21;11:601562. doi: 10.3389/fendo.2020.601562. PMID: 33551995; PMCID: PMC7859491. <https://doi.org/10.3389/fendo.2020.601562>.
23. Clinical Spectrum in a Cohort of Patients with High Fecal Calprotectin Levels. Jafri L, Siddiqui A, Siddique S, Parkash O, Kausar R, **Majid H**. Cureus. 2020 Nov 3;12(11):e11314. doi: 10.7759/cureus.11314. PMID: 33282590; PMCID: PMC7714742. <https://doi.org/10.7759/cureus.11314>.
24. Fostering Teaching-Learning through workplace-Based Assessment in Postgraduate Chemical Pathology Residency Program using virtual learning Environment. Jafri L, Siddiqui I, Khan AH, Tariq M, Effendi MUN, Naseem A, Ahmed S, Ghani F, Alidina S, Shah N, **Majid H**. BMC Med Educ. 2020 Oct 23;20(1):383. doi: 10.1186/s12909-

020-02299-8. PMID: 33097037; PMCID: PMC7582426.

<https://doi.org/10.1186/s12909-020-02299-8>.

25. Challenges amid COVID-19 times - Review of the Changing Practices in a Clinical Chemistry Laboratory from a Developing Country. Ahmed S, Jafri L, **Majid H**, Khan AH, Ghani F, Siddiqui I. Ann Med Surg (Lond). 2020 Jun 6; 55:300-304. doi: 10.1016/j.amsu.2020.06.004. PMID: 32551102; PMCID: PMC7287176. <https://doi.org/10.1016/j.amsu.2020.06.004>.
26. Vitamin D deficiency in critically ill patients: a single center cross-Sectional Study. Arbab K, **Majid H**, Jafri L, Khan A and Hashmi M. PAFMJ. 2020; 70(3): 765-69. <https://www.pafmj.org/index.php/PAFMJ/article/view/4657>.

## **Year 2019**

27. Unique Classification of Parathyroid Dysfunction in Patients with Transfusion Dependent Thalassemia Major using Nomogram-A cross sectional study. **Majid H**, Jafri L, Ahmed S, Talati J, Moiz B, Khan AH. Ann Med Surg (Lond). 2019 Jul 11;45:22-26. doi: 10.1016/j.amsu.2019.07.016. PMID: 31360455; PMCID: PMC6639655. [https://ecommons.aku.edu/pakistan\\_fhs\\_mc\\_pathol\\_microbiol/1168](https://ecommons.aku.edu/pakistan_fhs_mc_pathol_microbiol/1168).
28. Assessing Nutritional Status of Critically Ill Patients Using Serum Prealbumin Levels. Arbab K, **Majid H**, Jafri L, Akram B, Raheem A, Jamil B, Hashmi M, Khan AH. J Ayub Med Coll Abbottabad. 2019 Apr-Jun;31(2):178-181. PMID: 31094111.
29. Blended Learning Mediated Fostering of Students' Engagement in an Undergraduate Medical Education Module. Jafri L, **Majid H**, Siddiqui S, Islam N, Khurshid F. MedEdPublish. 2019. [https://ecommons.aku.edu/pakistan\\_fhs\\_mc\\_pathol\\_microbiol/1192](https://ecommons.aku.edu/pakistan_fhs_mc_pathol_microbiol/1192).
30. Retrospective Study of Patients with Hyperphenylalaninemia- Experience from a Tertiary Care Center in Pakistan. Ahmed S, **Majid H**, Jafri L, Khan AH, Ali ZZ, Afroze B. J Pak Med Assoc. 2019 Apr;69(4):509-513. PMID: 31000854.

## **Year 2018**

31. Comparison of Diagnostic Accuracy of Glycated Hemoglobin (HbA1c) and 2-hr Post Glucose Using ADA cut offs: A Pilot Study from Pakistan'. Imran S, Furqan S, **Majid H**, Jafri L, Islam N, Khan AH. PAFMJ. 2018;68(5), 1082-87. <https://www.pafmj.org/index.php/PAFMJ/article/view/2242>.
32. Diagnostic Dilemma of Patients with Methylmalonic Aciduria: Experience from a tertiary care centre in Pakistan. Majid H, Jafri L, Khan AH, Ali ZZ, Jamil A, Yusufzai N, Fatimah M and Afroze B. J Pak Med Assoc. 2018 Apr;68(4):510-514. PMID: 29808036.
33. Association of plasma leptin with coronary artery Calcium (CAC) in adults. Khan DA, Imran S, Hussain Z, Jafri L, **Majid H** and Sajjad Z. PAFMJ. 2018;68(1), 149-53. <https://www.pafmj.org/index.php/PAFMJ/article/view/1582>.

## **Year 2017**

34. The Clinical Spectrum of Plumbism; an Experience from a Tertiary Care Hospital in Karachi, Pakistan. Jafri L, Khan NU, Baig M, Ali N, **Majid H** and Habib Khan. Asia Pacific Journal of Medical Toxicology. 2017; 6(4): 118-122. doi: 10.22038/apjmt.2017.10601.
35. High Burden of Subclinical Lead Toxicity after Phase Out of Lead from Petroleum in Pakistan. **Majid H**, Khan AH, Khan NU, Siddiqui I, Ghani F, Jafri L. J Coll Physicians Surg Pak. 2017 Dec;27(12):767-770. PMID: 29185404.
36. Burden of Zinc (Zn) Deficiency: A High-Volume Clinical Laboratory Data Analysis. **Majid H**, Khawaja S, Khan AH, Siddiqui I, Ghani F, Jafri L. J Pak Med Assoc. 2017 Oct;67(10):1593-1595. PMID: 28955080.
37. Homeostatic model Assessment for Insulin Resistance (HOMA-IR): a better Marker for Evaluating Insulin Resistance than Fasting Insulin in Women with Polycystic Ovarian Syndrome. **Majid H**, Masood Q, Khan AH J Coll Physicians Surg Pak. 2017 Mar 1;27(3):123-6.

### **Year 2016**

38. Identifying Parathyroid Hormone Disorders and its Phenotypes through a Bone Health Screening panel: it's not Simple Vitamin D Deficiency! **Majid H**, Khan AH, Riaz M, Karimi H, Talati J. Endocr Pract. 2016 Jul;22(7):814-21. doi: 10.4158/EP161206.OR. Epub 2016 Mar 28. PMID: 27018622. <https://doi.org/10.4158/EP161206.OR>.