

Dr. Imran Siddiqui

Section of Chemical Pathology

Department of Pathology and Laboratory Medicine

SUMMARY:

Publications

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PUBLICATION:

Year 2023

1. Indirect Reference Intervals of Serum Calcium in Pakistani Children Using KOSMIC, Bhattacharya, and Hoffman Approach. Ahmed S, Agravatt AK, Siddiqui A, Jafri L and Siddiqui I. Clin Lab. 2023 Sep 1;69(9). DOI: [10.7754/Clin.Lab.2023.230305](https://doi.org/10.7754/Clin.Lab.2023.230305)
2. 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/3649313/)

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3. Evaluation of CSF kappa free light chains for the diagnosis of multiple sclerosis (MS): a comparison with oligoclonal bands (OCB) detection via isoelectric focusing (IEF) coupled with immunoblotting. Abid MA, Ahmed S, Muneer S, Khan S, de Oliveira MHS, Kausar R and **Siddiqui I**. J Clin Pathol. 2022 Sep 21;jclinpath-2022-208354. DOI: [10.1136/jcp-2022-208354](https://doi.org/10.1136/jcp-2022-208354).
4. 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. <https://doi.org/10.1186/s13104-022-06138-5>.
5. 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.
6. Development of a virtual classroom for pre-analytical phase of laboratory medicine for undergraduate medical students using the Delphi technique. Jafri L, Abid MA, Rehman J, Ahmed S, Abbas G, Ali H, Kanani F, Ali U, Alavi N, Aslam F, Iqbal S, Ijaz A, Munir MU, Dildar S, Nawaz SH, Adnan K, Khan AH, Zubairi AM and **Siddiqui I**. PloS one. 2022 April; 17(4), e0264447. <https://doi.org/10.1371/journal.pone.0264447>.
7. Epidemiology of functional gastrointestinal disorders using ROME III adult questionnaire,

a population based cross sectional study in Karachi-Pakistan. Abid S, Rehman H, Awan S, Artani A and **Siddiqui I**. PLoS One. 2022 Jun 13;17(6):e0268403. PMID: 35696397; PMCID: PMC9191742. DOI: [10.1371/journal.pone.0268403](https://doi.org/10.1371/journal.pone.0268403).

Year 2021

8. The Prognostic Value of Serum Procalcitonin in COVID-19 Patients: A Systematic Review. Ahmed S, Jafri L, Hoodbhoy Z and **Siddiqui I**. Indian J Crit Care Med. January 2021;25(1):77–84. <https://doi.org/10.5005/jp-journals-10071-23706>.
9. Evaluation of Serum Ferritin for Prediction of Severity and Mortality in COVID-19-A Cross Sectional Study. Ahmed S, Ahmed ZA, **Siddiqui I**, Rashid NH, Mansoor M and Jafri L. Ann Med Surg (Lond). 2021 Mar;63:102163. <https://doi.org/10.1016/j.amsu.2021.02.009>.
10. Diagnostic Accuracy of the Forns Score for Liver Cirrhosis in Patients With Chronic Viral Hepatitis. Bukhari T, Jafri L, Majid H, Ahmed S, Khan AH, Abid S, Raza A, **Siddiqui I**. Cureus. 2021 Apr 13;13(4). <https://doi.org/10.7759/cureus.14477>.
11. Determining Bone Turnover Status in Patients with Chronic Liver Disease. Bukhari T, Jafri L, Majid H, Khan AH and **Siddiqui I**. Cureus. 2021 Apr 13;13(4):e14479. <https://doi.org/10.7759/cureus.14479>.
12. A cross sectional evaluation of the corona-score for swift identification of SARS-CoV-2 infection at a tertiary care hospital in Pakistan. Ahmed S, Effendi UN, Ansar Ahmed Z, **Siddiqui I** and Jafri L. Ann Med Surg. 2021 Jul;67:102537. <https://doi.org/10.1016/j.amsu.2021.102537>.
13. Indirect Determination of Serum Creatinine Reference Intervals in a Pakistani Pediatric Population using big data analytics. Ahmed S, Zierk J, **Siddiqui I** and Khan AH. World J Clin Pediatr. 2021 Jul 9;10(4):72-78. <https://doi.org/10.5409/wjcp.v10.i4.72>.
14. Presepsin as a Predictive Biomarker of Severity in COVID-19: A Systematic Review. Ahmed S, Mansoor M, Shaikh S and **Siddiqui I**. Indian Journal of Critical Care Medicine. 2021 Sep;25(9):1051-1054. <https://doi.org/10.5005/jp-journals-10071-23967>.
15. Is COVID-19 impacting cancer screening in Pakistan? An observational study of cancer screening test requests during the pandemic. Ahmed S, Abid MA, Ali NN and **Siddiqui I**. Annals of Medicine and Surgery. 2021 Nov;71:102934. <https://doi.org/10.1016/j.amsu.2021.102934>.
16. Is it true hypoparathyroidism? A root cause analysis of unusually low Intact Parathyroid Hormone (iPTH) at a clinical laboratory. Ahmed S, Jafri L, Shah SMA, Bano N and **Siddiqui I**. EJIFCC. 2021 Dec 7;32(4):442-450. <https://pubmed.ncbi.nlm.nih.gov/35046762/>.
17. Ups and downs of COVID-19: forecasting the burden of COVID-19 in Pakistan with Google Trends. Ahmed S, Abid MA, Oliveira SMH, Ahmed ZA, Siddiqui A, **Siddiqui I**, Jafri L, and Lippi G. eJIFCC2021. 2021 Dec 7;32(4):421-431. <https://pubmed.ncbi.nlm.nih.gov/35046760/>.

18. 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 and Khan AH. Ann Med Surg (Lond). 2021 Jul 31;68:102601. <https://doi.org/10.1016/j.amsu.2021.102601>.

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20. Impact of COVID-19 on Laboratory Professionals-A Descriptive Cross-Sectional Survey at a Clinical Chemistry Laboratory in a Developing Country. Jafri L, Ahmed S and **Siddiqui I**. Ann Med Surg (Lond). 2020 Jul 18; 57:70-75. doi: 10.1016/j.amsu.2020.07.022. <https://doi.org/10.1016/j.amsu.2020.07.022>.
21. 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 UN, Naseem A, Ahmed S, Ghani F, Alidina S, Shah N and Majid H. BMC Medical Education. 2020 Oct 23;20(1):383. <https://doi.org/10.1186/s12909-020-02299-8>.
22. 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 and Khan AH. BMC Research Notes. 2020 Dec;13(1):1-6. <https://doi.org/10.1186/s13104-020-05400-y>.

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25. Iodine Deficiency in Neonates: Where Do We Stand After a Quarter Century of Initiating Iodization Programs? Jafri L, Majid H, Ahmed S, **Siddiqui I**, Ghani F and Khan AH. Lab Med Online. October 2019;9(4): 232-235. https://ecommons.aku.edu/pakistan_fhs_mc_pathol_microbiol/1199.

Year 2018

26. Prospective evaluation of serum procalcitonin in critically ill patients with suspected

sepsis- experience from a tertiary care hospital in Pakistan. Ahmed S, **Siddiqui I**, Jafri L, Hashmi M, Khan AH and Ghani F. Ann Med Surg (Lond). 2018 Oct 5;35:180-184. <https://doi.org/10.1016/j.amsu.2018.10.004>.

Year 2017

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Year 2016

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33. Update on Diagnostic Value of Breath Test in Gastrointestinal and Liver Diseases. **Siddiqui I**, Ahmed S and Abid S. World Journal of Gastrointestinal Pathophysiology. 2016;7(3): 266-275. <https://doi.org/10.4291/wjgp.v7.i3.256>.
34. Bone Turnover Markers for Osteoporosis Status Assessment at Baseline in Postmenopausal Pakistani females. Naeem ST, Hussain R, Raheem A, **Siddiqui I**, Ghani F and Khan AH. J Coll Physicians Surg Pak. 2016; 26 (5)1-5. <https://pubmed.ncbi.nlm.nih.gov/27225148/>.
35. Pathology Residency Programme of a Developing Country– Landscape of last 25 years. **Siddiqui I**, Ali N and Kayani N. Journal of Education and Training Studies. 2016; 4(3); 20-27. <https://eric.ed.gov/?id=EJ1085020>.
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Year 2015

37. Free PSA as a Predictor of Prostate Cancer. **Siddiqui I**, Majid H and Ather MH. Journal of Urology and Research. 2015; 2(4):1037. https://www.researchgate.net/publication/303810247_Free_PSA_as_a_Predictor_of_Prostate_Cancer.
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YEAR 2011

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YEAR 2010

45. Prevalence and significance of vitamin D deficiency and insufficiency among apparently healthy adults. Mansoor S, Habib A, Ghani F, Fatmi Z, Badruddin S, **Siddiqui I** and

Jabbar A. Clin Biochem. 2010;43(18):1431-5.

<https://www.researchgate.net/publication/46577995> Prevalence and significance of Vitamin D deficiency and insufficiency among apparently healthy adults.

46. Pattern of drugs of abuse identified in chemical samples. Dar FJ, Khan AH, **Siddiqui I** and Ghani F. J Coll Physicians Surg Pak. 2010;20(9):608-11.
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YEAR 2009

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YEAR 2007

51. Sixty-minute post-Synacthen serum cortisol level: a reliable and cost-effective screening test for excluding adrenal insufficiency compared to the conventional short Synacthen test. Mansoor S, Islam N, **Siddiqui I** and Jabbar A. Singapore Med J. 2007;48(6):519-23.
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YEAR 2004

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YEAR 2003

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YEAR 2002

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66. Changing prospects of chemical pathologist in Pakistan. **Siddiqui I**. J Pak Med Assoc. 2002 Jan;52(1):1-2. <https://pubmed.ncbi.nlm.nih.gov/11963575/>.