

Research Publications – Department of Endocrinology, SIMS

Sr. No.	Author	Title of Publication	Journal	Year
1	Prof. Dr. Khadija Irfan Khawaja	Food environments and obesity: A geospatial analysis of the South Asia Biobank	SM – Population Health	2022
2	Prof. Dr. Khadija Irfan Khawaja	Food environment and diabetes mellitus in South Asia: A geospatial analysis of health outcome data	PLOS Medicine	2022
3	Prof. Dr. Khadija Irfan Khawaja	Reference equations for evaluation of spirometry function tests in South Asia, and amongst South Asians living in other countries	European Respiratory Journal	2022
4	Prof. Dr. Khadija Irfan Khawaja	Smokeless and combustible tobacco use among 148,944 South Asian adults: a cross-sectional study of South Asia Biobank	BMC Public Health	2023
5	Prof. Dr. Khadija Irfan Khawaja	Policy implementation and recommended actions to create healthy food environments using the Healthy Food Environment Policy Index (Food-EPI): a comparative analysis in South Asia	Lancet Regional Health – Southeast Asia	2024
6	Prof. Dr. Khadija Irfan Khawaja	Associations Between Fruit and Vegetable Intake and Hypertension: Results From 143,091 Participants in the South Asia Biobank	Current Developments in Nutrition	2024
7	Prof. Dr. Khadija Irfan Khawaja	Compliance to tobacco and alcohol zoning regulations around schools in Bangladesh, India, Pakistan and Sri Lanka using environmental mapping data	BMC Medicine	2025
8	Prof. Dr. Khadija Irfan Khawaja	The Adaptation, Implementation, And Performance Evaluation Of Intake24, A Digital 24-H Dietary Recall Tool For South Asian Populations: The South Asia Biobank	Current Developments in Nutrition	2025
9	Prof. Dr. Khadija Irfan Khawaja	Quantification of regional variation in ultra-processed food consumption and its sociodemographic correlates across Bangladesh, India, Pakistan, and Sri Lanka: insights from the South Asia Biobank	Lancet Regional Health – Southeast Asia	2025

Sr. No.	Author	Title of Publication	Journal	Year
10	Prof. Dr. Khadija Irfan Khawaja	Income-based inequalities in risk factors of NCDs and inequities of preventive care services amongst 202,682 adults: a cross-sectional study of South Asia Biobank	BMC Medicine	2025
11	Prof. Dr. Khadija Irfan Khawaja	Ethics and informed consent in clinical trial integrity: An international, multi-stakeholder consensus statement by Cairo Consensus Group	International Journal of Gynecology & Obstetrics	2025
12	Prof. Dr. Khadija Irfan Khawaja	Intravenous iron for non-anaemic iron deficiency in pregnancy: a multicentre, two-arm, randomised controlled trial	The Lancet Haematology	2026
13	Dr. Mehwish Iftikhar	Predicting SARS-CoV-2 Omicron outcomes: investigating the relationship of TLC, ferritin, D-dimer, LDH, C-reactive protein and HbA1c	Pakistan Journal of Pharmaceutical Sciences	2025
14	Dr. Mehwish Iftikhar	Exploring inflammatory markers: impact on symptom severity and clinical prognosis in diabetic vs non-diabetic COVID-19 patients	Rawal Medical Journal	2025
15	Dr. Mehwish Iftikhar	Impact of obesity and other key risk factors on adverse outcomes in COVID-19 patients in critical care settings	Pakistan Journal of Medical Sciences	2025
16	Dr. Mehwish Iftikhar	Prevalence of lipohypertrophy and its associations in insulin-treated diabetic patients	Pakistan Journal of Medical Sciences	2022
17	Dr. Mehwish Iftikhar	Chronic kidney disease diagnosis using decision tree algorithms	BMC Nephrology	2021
18	Dr. Mehwish Iftikhar	Stunting diagnostic and awareness: impact assessment of sociodemographic factors among school-going children of Pakistan	BMC Pediatrics	2020
19	Dr. Mehwish Iftikhar	Exploring the relationship between vitamin D and autoimmunity leading to thyroid dysfunction	Esculapio	2025
20	Dr. Mehwish Iftikhar	Efficacy of sulbutiamine in the management of diabetic symmetrical peripheral neuropathy	Esculapio	2024
21	Dr. Mehwish Iftikhar	Risk factors of diabetic neuropathy in type 2 diabetic patients presenting to Services Hospital Lahore	Esculapio	2023

Sr. No.	Author	Title of Publication	Journal	Year
22	Dr. Mehwish Iftikhar	Risk of non-healing in ischemic versus neuropathic diabetic foot ulcers in relation to grade, stage of infection and treatment protocol	Journal of Allama Iqbal Medical College	2023
23	Dr. Mehwish Iftikhar	Exercise induces autonomic and neuro-endocrine response among psychologically stressed medical students	Pakistan Journal of Medical and Health Sciences	2022
24	Dr. Mehwish Iftikhar	Gender differences in cardiac autonomic modulations as reflected by heart rate variability	Pakistan Journal of Medical and Health Sciences	2022
25	Dr. Mehwish Iftikhar	Outcomes of non-alcoholic fatty liver disease in COVID-positive diabetic patients	Pakistan Journal of Medical and Health Sciences	2021
26	Dr. Mehwish Iftikhar	Self-reported treatment adherence in patients with type 2 diabetes mellitus: a cross-sectional study in Lahore	Esculapio	2020
27	Dr. Mehwish Iftikhar	Association between silent myocardial ischemia and duration of diabetes among diabetics	Pakistan Journal of Medical and Health Sciences	2020
28	Dr. Mehwish Iftikhar	To determine safety profile of azithromycin in COVID-19 patients: a cross-sectional survey	Esculapio	2020
29	Dr. Mehwish Iftikhar	Association of left coronary artery disease with diabetes and hypertension among patients presenting with chest pain	Pakistan Journal of Medical and Health Sciences	2020
30	Dr. Mehwish Iftikhar	Frequency of peripheral neuropathy in patients with diabetes mellitus	Journal of Ayub Medical College Abbottabad	2014
31	Dr. Mehwish Iftikhar	Learning preferences in medical education: an investigative study of teachers and students utilizing the VARK model	Health Professions Educator Journal	2024
32	Dr. Mehwish Iftikhar	Exploring the role of nonverbal communication in effective communication: a multicentre comparative analysis	Health Professions Educator Journal	2025
33	Dr. Amna Rizvi	Role of learning preferences in medical education: an investigative study of teachers and students utilizing the VARK model	Health Professions Educator Journal	2024

Sr. No.	Author	Title of Publication	Journal	Year
34	Dr. Amna Rizvi	Readiness for interprofessional education among healthcare professionals: a cross-sectional analysis at a tertiary care hospital	Health Professions Educator Journal	2025
35	Dr. Amna Rizvi	Comparison of lipid profile in chronic hepatitis C patients before and after antiviral treatment	Pakistan Journal of Pathology	2020
36	Dr. Amna Rizvi	Service quality of diagnostic fine needle aspiration cytology in a tertiary care hospital of Lahore	Journal of Ayub Medical College Abbottabad	2017
37	Dr. Amna Rizvi	Retrospective analysis of periodontal bone loss from orthopantomogram X-ray of diabetic and non-diabetic patients visiting Punjab Dental Hospital Lahore	Pakistan Journal of Public Health	2021
38	Dr. Amna Rizvi	Comparison of insulin resistance in type 2 diabetic males with type 2 diabetic females	Pakistan Journal of Medical and Health Sciences	2021
39	Dr. Amna Rizvi	Efficacy of adding single dose of intermediate acting insulin at bed-time in patients receiving maximum doses of oral hypoglycemic agents	Pakistan Journal of Medical and Health Sciences	2016
40	Dr. Amna Rizvi	Frequency of Covid outcome in Covid patients with pre-existing different co-morbid conditions	Pakistan Journal of Medical and Health Sciences	2021
41	Dr. Amna Rizvi	Efficacy of combination of vitamin B1, B6 and B12 in management of diabetic peripheral neuropathy	Pakistan Journal of Medical and Health Sciences	2013
42	Dr. Amna Rizvi	Association of recurrent aphthous stomatitis types with body mass index among Pakistani population	Medical Forum Monthly	2022
43	Dr. Amna Rizvi	Living with Type II Diabetes and Mental Health in Pakistan: An Interpretative Phenomenological Analysis	Journal of Professional & Applied Psychology	2025