



Details for Updating FACULTY PROFILES on Website

1.	Name of the Faculty	Dr. MURTUZA HUSSAIN QURESHI
2.	Department	GENERAL MEDICINE
3.	Current Designation	SENIOR RESIDENT
4.	Registration Number	73606
Academic Qualifications		
5.	UG Qualification + Name of College/Institute	MBBS ; GANDHI MEDICAL COLLEGE SEC'BAD
6.	PG Qualification + Name of College/Institute	DNB GENERAL MEDICINE ; APOLLO HOSPITALS HYDERABAD
7.	Any Additional Qualifications	

(continued)

(continued)

8.	Number of Years of Experience	9.5 Months
9.	Publications (in Vancouver Style)	
10.	Presentations (in Conferences/ CMEs)	<ul style="list-style-type: none">• .Qureshi MH, Kandadai R, Borgohain R. "Characteristics And Concordance Of Mirror Dystonia In Patients With Writer's Cramp" - poster presentation at the 13th International Congress of Parkinson's disease and Movement disorders of the Movement Disorders Society (MDS) at the Le Palais Des Congress de Paris in Paris, FRANCE on June 10th, 2009. This research project was carried out at Department of Neurology, Nizam's Institute of Medical Sciences (NIMS),Hyderabad under the guidance of Dr. RupamBorgohain, Professor of Neurology, NIMS, Hyderabad.• Qureshi MH, Ram Mohan P, MUR Naidu, Sreebushan Raju "Evaluation Of Autonomic & Arterial Function In Patients With Chronic Kidney Disease By Using Non-Invasive Techniques At Tertiary Level Hospital Setting" - Oral presentation at the Southern regional conference, Indian Pharmacological society (IPS) organised by Pharmacology Department, Indian Institute of Chemical Technology (IICT), Hyderabad, INDIA. on July 26th,

		2007. This research project was done at Department of Clinical Pharmacology, NIMS in collaboration with Department of Nephrology, NIMS, Hyderabad.
11.	Projects (Ongoing & Completed)	<p>Completed research projects:</p> <ul style="list-style-type: none"> • A Research project was carried out in 2008 at Nizam's Institute of medical sciences (NIMS), under the guidance of Dr.RupamBorgohain, Professor of Neurology to study the concordance and characteristics of mirror dystonia in patients with writer's cramp. <p>Mirror movements (simultaneous, contralateral, symmetric, identical movements that accompany voluntary movements) in writer's cramp have been described since a long time but is highly underreported. There were few studies on the characterization of mirror movements, their concordance with primary dystonic posturing and their usefulness in identifying muscles for treatment with botulinum toxin.</p> <p>Writer's cramp patients alongwith age matched controls were studied. All subjects were examined for writer's cramp, mirror dystonia while writing with their non dominant hand and mirror movements during other voluntary repetitive tasks (finger tapping, closing and opening a fist, pronation and supination), using a standardized protocol with videographic recording. Writer's cramp was evaluated and scored according to the writer's cramp rating scale and Mirror dystonia was assessed using modification of Woods and Teuber mirror movements scale which assessed amplitude, onset and distribution of dystonia. Concordance and discordance of mirror dystonia was evaluated for digits I-III, wrist and elbow movements. Correlation between dystonia severity and Mirror dystonia score was analysed using pearson's correlation coefficient.</p>

		<p>Mirror dystonia and mirror movements were seen frequently in writer's cramp patients. Significant discordance was noted in mirror dystonia, emphasizing its role in differentiating dystonic movements from compensatory movements; thus it may help in muscle selection for botulinum toxin injection.</p> <ul style="list-style-type: none"> • Another research project was carried out in 2007 at Nizam's institute of medical sciences (NIMS) at the Department of Clinical Pharmacology in collaboration with the department of nephrology under the guidance of Dr. M.U.R.Naidoo to evaluate the autonomic and arterial function in patients with chronic kidney disease using non-invasive techniques. <p>The subjects underwent Isometric handgrip test (IHG). Blood pressure was recorded before and during the test. In addition, Pulse wave velocities were recorded by using automatic waveform analyser and indices of arterial stiffness were derived from it. For evaluation of arterial stiffness, biomarkers like nitric oxide (NO) and malondialdehyde (MDA) were quantified.</p> <p>Standardized index of aortic stiffness, elastic vascular resistance and reflection index, a marker of small artery tone were elevated in the patients. Nitric oxide was decreased and malondialdehyde was elevated in patients suggesting arterial dysfunctioning. During isometric hand grip test, diastolic blood pressure was decreased in patients denoting autonomic dysfunction.</p> <p>Both autonomic and arterial dysfunctioning coexisted in the patient population</p>
12.	Positions Held / Accomplishments / Awards / Grants (if applicable)	<ul style="list-style-type: none"> • Received Third prize in Quiz competition for Postgraduates of General Medicine held at HAPICON 2021- Annual conference of Hyderabad chapter of Association of Physicians of India on 9/1/2021 • Received Third prize in Quiz competition for Postgraduates of General Medicine held at HAPICON 2018- Annual conference of

		<p>Hyderabad chapter of Association of Physicians of India on 30/12/2018</p> <ul style="list-style-type: none"> • Recipient of KVPY Fellowship Award in Medicine stream for the year 2007 awarded by Department of Science and Technology, Government of India, New Delhi for students interested in research. <p>Interview for the selection of KVPY Fellows was conducted at ICMR Head Quarters, New Delhi.</p> <p>The Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship program is administered by Indian Institute of Science (IISc), Bangalore and funded by Department of Science and Technology, Government of India, New Delhi.</p> <p>The KVPY fellows are given adequate opportunities to expose them to the methods and excitement of science so that they develop an abiding interest in doing scientific research and later choose research careers to work in universities, research institutions and R & D laboratories in the country. KVPY Fellowship in Medicine stream was awarded to 15 medical students in 2007 with talent and aptitude for research, to help them realize their potential in their studies; encourage them to take up research careers in Medicine, and ensure the growth of the best scientific minds for development in the country.</p> <ul style="list-style-type: none"> • Valedictorian for the graduating batch of 2011 of Gandhi Medical College • School topper - SSC -2001 at Madina Public School – 91% • Recipient of the Madina Gold Medal in 2001
13.	Areas of Interest	<p>Cardiology, Endocrinology, Infectious diseases, Gastroenterology, Rheumatology</p>

