

## **Annual Report for the Department of Neurology (01-01-2021 to 31-12-2021)**

### **1. FACULTY**

- a. Director Professor and Head of Department- Dr. Rajinder Kumar Dhamija
- b. Director Professor- Nil
- c. Professor- Nil
- d. Associate Professor- Nil
- e. Assistant Professor- Dr. Divyani Garg, Dr. Alvee Saluja
- f. Senior Specialist- Nil
- g. Medical Officer- Nil
- h. Members who have left during this period- Dr. Divyani Garg (Assistant Professor)

### **2. Research Schemes/Projects**

#### **a. Funded Projects**

<b>Name of Investigators</b>	<b>Project in-charge</b>	<b>Title of the project scheme</b>	<b>Name of funding Agency</b>	<b>Budget (in Rs)</b>
1. Dr. Rajinder K. Dhamija, Dr. Alvee Saluja (from LHMC site) as part of the Indian Multiple sclerosis and Allied Demyelinating Disorders Registry and Research Network	Dr. Rajinder K. Dhamija	Indian Multiple Sclerosis and Allied Demyelinating Disorders Registry and Research Network	Indian Council of Medical Research (ICMR)	Six Crores Sixty seven Lakhs, seventy nine thousand seven hundred and forty seven only (6,67,79,747) For 22 centers
2. Dr. Rajinder K. Dhamija, Dr. Alvee Saluja, Dr. LH Ghotekar (from LHMC site) as part of The IMPETUS Group of Investigators	Dr. Rajinder K. Dhamija	IMPETUSStroke: Implementation of an Evaluation and Treatment Package for Uniform Stroke Care and Outcomes in the Medical Colleges in India. An Implementation Research Study	Indian Council of Medical Research (ICMR)	Three Crores, Ninety One Lakhs, nineteen thousand and eight only (3,91,19,008) for 22 centers

#### **b. Non-funded projects- Nil**

#### **c. Other research Projects- Nil**

### **3. STS Projects- Nil**

### **4. Post Graduate Thesis submitted and accepted by University of Delhi- Not Applicable**

## **5. Organizing training Courses/Conferences/Symposia/Seminars/Workshops/CME's: Nil**

### **6. Publications:**

- i) Saluja A, Saraswathy KN, Thakur S, Margekar S, Goyal A, Dhamija RK. Endothelial Nitric Oxide Synthase Polymorphism is Associated Significantly with Ischemic Stroke Presenting with Seizures and Altered Sensorium. *Neurology India*. 2021; 69(3): 686-691.
- ii) Saluja A, Parihar J, Garg D, Dhamija RK. The Impact of COVID-19 Pandemic on Disease Severity and Quality of life in Parkinson's Disease. *Annals of Indian Academy of Neurology*. 2021; 24(2):217-226.
- iii) Saluja A, Dhamija RK, Solanki RS. Teaching Neuroimages: Fluorosis: A Forgotten Cause of Compressive Myelopathy. *Neurology*. 2021. DOI: <https://doi.org/10.1212/WNL.0000000000012389>
- iv) Dhamija RK, Saluja A. Challenges in estimating the burden of neurological disorders across Indian States. *The Lancet Global Health*. 2021; 9(11): e1503.
- v) Dhamija RK, Saluja A, Miyasaki J. Advancing Neuropalliative Care. *The Lancet Neurology*. 2021; 20(11): 885-886.
- vi) Garg D, Majumdar R, Chauhan S, Preenja R, Parihar J, Saluja A, Dhamija RK. Teleneurorehabilitation among person with Parkinson's Disease in India: The Initial experience and barriers to implementation. *Annals of Indian Academy of neurology*. 2021. DOI: 10.4103/aian.AIAN\_127\_21.
- vii) Aggarwal AK, Anand KS, Juneja A, Kumar P, Saluja A, Dhamija RK. Predictors of Pain Severity and its Impact on Quality of Life in Patients with Parkinson's Disease. *Neurology India*. 2021;69(4): 979-983.

- viii) Margekar S, Devi MS, Bansal P, Srivastava A, Aggarwal R, Saluja A, Dhamija RK. Chronic Inflammatory Demyelinating Polyneuropathy with Diabetes, Crohn's disease and multiple co-infections: A Clinical Quandry. JAPI. 2021; 69:107-108.
- ix) Dhamija RK, Gupta A, Saluja A, Gurtoo A, Srivastava A, Bhattacharjee J, Parihar J. Ischemic Stroke Patients have Significantly Higher Serum levels of Acute Phase Proteins. JAPI. 2021; 69(4):11-12.
- x) Goyal A, Saluja A, Saraswathy KN, Bansal P, Dhamija RK. Role of ACE Polymorphism in Acute Ischemic Stroke. Neurol India. 2021;69(5): 1217-1221.
- xi) Gupta A, SalujaA, Saraswathy KN, Imnameren L, Yadav S, Dhamija RK. PON1 (Paraoxonase 1) Q192R Gene Polymorphism in Ischemic Stroke among North Indian Population. Annals of Indian Academy of Neurology. 2021; 25: 100-105.
- xii) Bansal P, Srivastava A, Aggarwal R, Margekar SL, Dhamija RK. Measles in immunized medical residents: Case series with brief review. J Family Med Prim Care 2021; 10:4311-3.
- xiii) Garg D, Gupta A, Dhamija RK. Old Bottle, New Wine: Diplopia Sans Proptosis as the Sole Presentation of Thyroid Orbitopathy. Cureus. 2021; 13(6): e15850.
- xiv) Gaur K, Puri V, Agarwal K, Suman S, Dhamija RK. Chronic Liver Disease Presenting as Immune Hemolytic Anemia: The Challenges of Diagnosis in the Critically Ill in a Resource-Limited Health Care Setting. Cureus. 2021;13(5): e14880.
- xv) Dhamija RK, Srivastava A, Chauhan S, Shah U, Nagda T, Palande D, Chitnis S, Dantala P S, Solomon JM, Krishnan S M, Someshwar H, Surya N. Consensus statement on neurorehabilitation during COVID-19 times: Expert group on behalf of the Indian Federation of Neurorehabilitation (IFNR). Ann Indian Acad Neurol 2021; 24:138-41.
- xvi) Dhamija RK, Garg D. World brain day 2020 – Challenges and opportunities in India. Ann Indian Acad Neurol. 2021; 24:1-2.

- xvii) Garg D, Dhamija RK. Opsoclonus-Myoclonus Syndrome as a Herald Feature of Scrub Typhus: An Illustrative Case with a Video Vignette. JMD. 2021; 15 (1): 1-3.
- xviii) Margekar SL, Meena RK, Kapoor S, Dhamija RK. Pancreatic tuberculosis: An unusual presentation. The National medical journal of India. 2021; 34(2):86-87
- xix) Dhamija RK, Garg D. The Great Indian Apomorphine Story: Challenges and Its Usage in Parkinson's Disease in the Indian Context. Neurol India. 2021; 69:137-9.

## **7. Books/ Chapters contributed**

1. O k Sujith. Essentials of Movement Disorders - A Problem Based Approach. Hauppauge, NY: Nova Science Publishers, Inc; 2021. Apomorphine in Movement Disorders: Where Are We?

## **8. National & International Conferences/Symposia/ Seminars/ Workshops/ CMEs attended by Faculty Members**

### **a. International Conferences-**

<b>S.No.</b>	<b>Name &amp; Designation of the participant</b>	<b>Role/Topic</b>	<b>Organizer</b>	<b>Name of the Conference, Venue &amp; Date</b>
1.	Dr. Alvee Saluja, Assistant Professor of Neurology Dr. Rajinder K. Dhamija, Director Professor and Head of Department	E-Poster presentation: "Endothelial Nitric Oxide Synthase Polymorphism is Associated	American Academy of Neurology (AAN)	73rd AAN Annual Meeting, Virtual Only 17-22 April 2022

		Significantly with Ischemic Stroke  Presenting with Seizures and Altered Sensorium”		
2.	Dr. Alvee Saluja, Assistant Professor of Neurology  Dr. Rajinder K. Dhamija, Director Professor and Head of Department	i) E Poster “Comparison of dexamethasone regimens in tubercular meningitis (TBM): A randomized open label clinical trial”  ii) E Poster on- “The impact of COVID-19 pandemic on disease severity and quality of	World Congress of Neurology (WCN)	XXV World Congress of Neurology Virtual 3 <sup>rd</sup> -7 <sup>th</sup> October 2021

		life in  Parkinson's  disease"		
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**b. National Conferences-**

<b>S.No.</b>	<b>Name &amp; Designation of the participant</b>	<b>Role/Topic</b>	<b>Organizer</b>	<b>Name of the Conference, Venue &amp; Date</b>
1.	Dr. Alvee Saluja, Assistant Professor of Neurology	Virtual Faculty lecture on "The Challenge of prognosticating in serious acute brain injury" at IAN-CCNCON 2021	Indian Academy of Neurology NeuroCritical Subsection	IAN-CCNCON 2021, 25th and 26th January 2021
2.	Dr. Alvee Saluja, Assistant Professor of Neurology	Virtual Platform Presentation- "Endothelial Nitric Oxide	Kerala Association of Neurologists	KAN Monsoon Summit-International Neurology Update 2021, 9 <sup>th</sup> -11 <sup>th</sup> July

		<p>Synthase</p> <p>Polymorphism</p> <p>is Associated</p> <p>Significantly</p> <p>with Ischemic</p> <p>Stroke</p> <p>Presenting with</p> <p>Seizures and</p> <p>Altered</p> <p>Sensorium”</p>		2021.
3.	Dr. Alvee Saluja, Assistant Professor of Neurology	<p>Award Paper</p> <p>Presentation-</p> <p>“Comparison of</p> <p>dexamethasone</p> <p>regimens in</p> <p>tubercular</p> <p>meningitis</p> <p>(TBM): A</p> <p>randomized</p> <p>open label</p> <p>clinical trial”</p>	Indian Academy of Neurology	<p>28<sup>th</sup> Annual</p> <p>Conference of the</p> <p>Indian Academy of</p> <p>Neurology 2021, 11-</p> <p>14 November 2021</p>
4.	Dr. Alvee Saluja, Assistant Professor of Neurology	<p>Award Poster</p> <p>Presentation-</p>	Indian Academy of Neurology	<p>28<sup>th</sup> Annual</p> <p>Conference of the</p>

		<p>“PON1 (paraoxonase 1) Q192R gene polymorphism in Ischemic Stroke among North Indian population”</p>		Indian Academy of Neurology 2021, 11- 14 November 2021
5.	Dr. Alvee Saluja, Assistant Professor of Neurology	Faculty Lecture “Approach to Delirium in Elderly”	Indian Academy of Neurology	28 <sup>th</sup> Annual Conference of the Indian Academy of Neurology 2021, 11- 14 November 2021
6.	Dr. Rajinder K. Dhamija, Director Professor and Head of Department of Neurology	Faculty lecture- “Care in Parkinson’s Disease and Related Disorders”	Indian Academy of Neurology	28 <sup>th</sup> Annual Conference of the Indian Academy of Neurology 2021, 11- 14 November 2021



## **9. Special Achievements by Staff**

1. Dr. Alvee Saluja, Assistant Professor (Neurology) was the Winner of the “Best Research Paper in General Neurology” at the 28<sup>th</sup> Annual Conference of the Indian Academy of Neurology 2021.

## **10. Representation on Expert bodies/Committees:**

1. **Prof. Rajinder K Dhamija** – 1. Member WHO DG Rehabilitation in Parkinson’s Disease
2. Chair Movement Disorders World Federation of Neurorehabilitation
3. Member PG Committee National Medical Commission
4. Convener, Guidelines for management of Post COVID Neurological complications
5. Member Adult Covid Care Guidelines By Ministry of Health Govt. of India