

BIODATA OF DR. SUMIT SINGH

Dr Sumit is AIIMS DM neurology 1999 topper and BL SONI gold medal awardee. He was AIIMS faculty from 2000 – 2009. He started the Neuromuscular Disorders clinic, the first Headache clinic at AIIMS and initiated the use of Botulinum toxin for headache. He established Neurology departments and DNB Programs at Medanta the Medicity and Artemis Hospitals in Gurgaon. AGRIM Neuroservices – the only Neurosciences group practicing unit in India is his brainchild. He is the founder member and Secretary of the Indian Headache Society and Honorary Fellow and Governing council member of the World Headache Society. He has 120 Publications and 17 Chapters in books (including the Bradley’s textbook of Neurology). He has been an executive committee member of the IAN since 2020, and has been an active component of the Public awareness program committee of the IAN. He has been Instrumental in redesigning the IAN Website and the IAN App. He was joint organizing secretary of AOCN IANCON 2022. His primary areas of interest are – Headache, Movement disorders and Neuromuscular disorders – specially Myasthenia gravis. He has been a faculty in numerous national and international conferences and has organized some extremely well attended clinical conferences and academic meetings. He is very proactive in-patient education and has been an invited faculty in several TV shows, newspaper columns and magazine articles. His hobbies are music, Urdu poetry, sketching and wild life photography.

NAME

SUMIT SINGH

AGE

52Yr.

DATE OF BIRTH

08 /01 /1968.

ADDRESS PERMANENT

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GURGAON
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INDIA

CORRESPONDENCE

**Director Neurology,
“Agrim” Institute of Neurosciences
Artemis Hospitals
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TBA

EDUCATIONAL QUALIFICATIONS

D.M NEUROLOGY
All India Institute Of Medical Sciences
NEW DELHI

M.D. MEDICINE
L.L.R.M. Medical College
MEERUT

M.B.B.S.
M.L.B. Medical College
JHANSI

PRESENT POSITION

Chief of Neurology and Co-Chief Stroke services
Agrim Institute of
Neurosciences Artemis
Hospitals
Gurugram

DETAILS OF EDUCATION

S.N.	COURSE	INSTITUTE	YEAR	ATTEMPTS
1.	M.B.B.S. First Professional	M.L.B.Medical College JHANSI	1987	FIRST
2.	M.B.B.S. Second Professional	SAME	1989	„
3.	M.B.B.S. Third Professional	SAME	1990	„
4.	M.B.B.S. Final Professional	SAME	1990	„
5.	M.D. MEDICINE	L.L.R.M. Medical college MEERUT.	1996	„
6.	D.M. NEUROLOGY	All India Institute of Medical Sciences.	1998 Dec.12	„

PERMANENT MEDICAL REGISTRATION No.

35279
State medical council
Uttar Pradesh
INDIA

POSITIONS HELD**1. JUNIOR RESIDENT**

Department of Medicine
LLRM Medical College Meerut 1993-1996

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| <u>2. SENIOR RESIDENT</u> | Department of Neurology,
SGPGI Lucknow | JAN 1997 |
| <u>3. SENIOR RESIDENT</u> | Department of Neurology
AIIMS New Delhi | 1997- 2000 |
| <u>4. ASSISTANT PROFESSOR</u> | Department of Neurology
AIIMS New Delhi | Jan 2000 – Jan 2004 |
| <u>5. ASSOCIATE PROFESSOR</u> | Deptt. Of Neurology
AIIMS New Delhi | Jan 2004 – Sept 2009. |
| <u>6. ADDITIONAL DIRECTOR NEUROLOGY</u> | Medanta Medicity Hospital Delhi NCR
Gurgaon | Oct 2009 – June 2016 |

TEACHING EXPERIENCE SINCE MD – TWELVE YEARS

AWARDS AND FELLOWSHIPS OF DR. SUMIT SINGH

1. Certificate of merit for standing III in final professional Part I
2. Certificate of merit for standing III in final professional Part II
3. Certificate of merit for standing II in MBBS overall
4. Certificate of honors in Anatomy
5. Certificate of honors in Biochemistry
6. Certificate of honors in SPM
7. Certificate of honors in Medicine
8. Topper in D.M. final examination
9. M.L.Soni award for best resident in neurology.
10. Awarded travel fellowship to attend the sixth summer school of myology at Paris France by the institute of myologie St. Petriare hospital.
11. Awarded the World federation of neurology Galxo Smithklien travel fellowship to attend the sixth IBRO congress at Prague – the Czech Republic.
12. AIIMS travel scholarship for the sixth ADPD congress at Sivelse SPAIN 2003.
13. VISITING FACULTY at BP Koirala institute of health sciences, Dharan, Nepal Sept 2003-Dec 2003.
14. VISITING FACULTY at MLB Medical College, Jhansi, UP July 2005.
15. Travel fellowship to attend the 8th Annual Myology conference in Marseille France from AIIMS.
16. Travel Fellowship to attend the ALS Conference in Yokohama, japan Novemebr 2007.
17. Travel fellowship to attend the Movement disorders conferecen at Kyoto, Japan September 2007.
18. Travel Fellowship to attend the Annual coference of Migraine International Trust in London September 2007.

CLINICAL and TEACHING EXPERIENCE

Have a passion for teaching and is actively involved in teaching the undergraduates, graduates and DM students. Hold extra classes for these students apart fro the ones allotted.

THESIS PROJECTS FINISHED AS THE CHIEF GUIDE

1. A randomized study of alternate day plasmapheresis against daily plasmapheresis in patients with myasthenic crisis and acute inflammatory demyelinating polyneuropathy
2. Clinical Spectrum and clinicopathological correlation of Dysferlinopathies from AIIMS.
3. MR spectroscopy in adult myopathies with clinicopathological and electrophysiological correlation.
4. Randomised double blinded placebo controlled trial of low dose topiramate and lamotrigine in patients with severe migraine.
5. Intrathecal Autologous mesenchymal Stromal stem cells as a treatment option in motor neurone disease.
6. MRI v/s ultrasonography in evaluating the site for muscle biopsy in patients with inflammatory muscle disease.
7. A Pilot study to evaluate the role of Mesenchymal stromal cells in the treatment of Motor Neurone Disease.
8. Prescription patterns and response to treatment for patients with Migraine at a tertiary referral centre.
9. Psychiatric co morbidities in patients with migraine at a tertiary referral centre.
10. Psychiatric co morbidities in patients with primary headaches at AIIMS.

THESIS PROJECTS FINISHED AS CO GUIDE

1. Restless leg syndrome in Patients with Parkinson's disease.
2. MR imaging and MR Spectroscopy in patients with Wilson's disease.
3. A study of autonomic dysfunction in patients with Parkinson's disease on selegiline.
4. A study of Anti Gm1 antibodies in patients with Juvenile motor neuron disease.
5. Non-Compressive myelopathy a study in Indian 'in hospital' patients.
6. Quantative sensory testing in JMND patients.
7. Speech problems in patients with Parkinson's disease. A study involving speech analysis and computerized speech study.

8. A study of Videoscopically assisted thymectomy in patients with Myasthenia gravis and its comparison with conventional thymectomy.
9. Sleep evaluation in Parkinson's plus syndromes.
10. Electrophysiological studies in patients with writer's cramp.
11. A randomized open label study of Coenzyme Q in patients with early and stable Parkinson's disease.
12. Randomised trial to assess the duration of antiepileptic drug treatment in patients with single enhancing lesion in brain.
13. MR Spectroscopy in treated and untreated Wilson's disease.
14. A study to evaluate the prognostic factors in patients with tubercular meningitis.
15. Clinical spectrum and demographic profile of adult dystonias in movement disorder clinic at AIIMS.
16. Normative data of autonomic functions testing in Indian population.
17. Autonomic dysfunction in Wilson's disease.
18. Cognitive and psychiatric comorbidities in patients with intractable seizures.
19. Parkinsons disease sex based difference in demographics.
20. Autonomic dysfunction in Myasthenia gravis.
21. Non compressive myelopathy /V methylprednisolone versus dexamethasone.
22. Functional MRI in MSA.
23. Gait analysis in PD patients.
24. Sleep studies in tubercular meningitis.
25. Comparative evaluation of expression of dystrophin, utrophin and N Knots in muscle and skin biopsy in patients with Dystrophinopathies.
26. Expression of Major histocompatibility complex (Cl I and 2) CA mol in patients with idiopathic inflammatory myopathy.

27. Clinical and radiological profile of patients with idiopathic intracranial hypertension.
28. Clinical spectrum and histopathological correlation of adult Limb Girdle muscular dystrophies in AIIMS.
29. Randomized trial to evaluate the role of Magnesium valproate in Migraine.

30. Clinical profile and long term follow up of patients undergoing Video assisted thymectomy and robotic thymectomy at AIIMS.
31. Health related quality of life in patients with segmental and cervical dystonia.
32. Health related quality of life in patients with hemifacial spasm and Meiges syndrome.
33. Incidence of excessive daytime sleepiness in patients with stroke.
34. REM behavioral disorders in patients with familial Parkinson's disease in comparison with patients with sporadic PD.
35. Predictors of seizures in patients connected to VEEG.
36. Health related quality of life in caregivers of patients with Parkinsons disease.
37. comparative analysis of regimens of treatment n tubercular meningitis.
38. Excessive daytime sleepiness in patients with intractable seizures as compared to those with controlled epilepsy.
39. Sleep problems in patients with Parkinsons plus syndromes.
40. Health related quality of life in patients with Hemifacial spasm and blepharospasm.
41. Health related quality of life in patients with cervical dystonia
42. Clinical and radiological profile of patients with idiopathic intracranial hypertension.
43. Evaluation of EDS in patients with stroke.
44. Prescription patterns and clinical spectrum of migraine headaches presenting at a tertiary referral centre headache clinic.
45. Clinical and surgical outcome of patients with myasthenia gravis after thymectomy
46. Spectrum of Limb Girdle muscular dystrophies at a tertiary referral centre at AIIMS.
47. MHCII Antigens in Inflammatory muscle diseases.

INTERNATIONAL COLLABORATIVE TRIALS AND RESEARCH PROGRAMMES

1. Surgical treatment of intracerebral hemorrhage (STICH) - co investigator.

2. Feeding Or Oral Diet (FOOD) Trial for patients with acute stroke - co investigator.
3. Multi centre randomized double blind controlled trial of new dopamine agonist BTS7498 in early PD. Funded by Dev co Pharma UK. Co-Investigator.
4. Randoised study of the effect of Sodium valproate v/s lamotrigine on polycystic disease of the ovary in females. LAM 30 study.
5. Randomised trial of Botroxabine in patients with acute ischemic stroke.
6. VIPE Study – Valproate in Partial epilepsy an open labeled multicentre international trial.
7. Many other multicentric drug trials. As Principal investigator.

NATIONAL TRIALS AND RESEARCH PROJECTS

1. Incremental predictive accuracy of transcranial magnetic stimulation (TMS) as a prognostic indicator for motor recovery in patients of acute stroke – ICMR, principal investigator.
2. MR spectroscopy in patients with muscular dystrophies- submitted for Funding to ICMR Co Investigator.
3. A longitudinal study of dementia with correlation to ApoE allele in Parkinson's disease- co Investigator Funding authority - ICMR.
4. A study of the incidence of Parkin gene in patients with young onset Parkinson's disease- co investigator - Funding Authority – ICMR.
5. Open-label randomized trial to evaluate the efficacy of Ayush-56 (Ayurvedic drug.) as an add-on drug in treatment of partial epilepsy. Co Investigator DST.
6. Efficacy of autogenic relaxation (Meditation) on clinical and biochemical parameters and quality of life in patient with Parkinson's disease. Co Investigator ICMR.
7. Health related quality of life in patients with Myasthenia gravis – correlation with clinical severity. Funding authority AIIMS. Chief Investigator.
8. Anti MuSK antibodies in patients with seronegative myasthenia gravis.

NON FUNDED PROJECTS

1. Feasibility and safety of Intra-arterial Marrow stem cells as therepeutic option in Muscular dystrophies.
2. Safety and efficacy of Intrathecal Marrow derived stem cells in Amyotrophic
3. Feasibility and safety of Intra-arterial Marrow stem cells as therapeutic option in Muscular dystrophies.
4. Safety and efficacy of Intrathecal Marrow derived stem cells in Amyotrophic lateral sclerosis.

Teaching Experience

1. Teaching of undergraduate students as a junior resident in MD medicine Involved in the teaching programmes for the DM neurology residents which include daily bedside teachings, seminar and journal club moderation, special clinics etc.
2. Undergraduate teaching for lectures in various topics in neurology.
3. Bedside clinical teaching for undergraduate postgraduate and DM candidates.
4. Teaching of nurses for neurological aspect of nursing.
5. Language and basic neurology teaching for speech therapy students.
6. Guiding of students as a co guide for MD, MS, DM, and PhD degrees.

Professional experience

1. Worked as a senior resident in Neurology which included a basic exposure to patient care in the out patient and inpatient.
2. Emergency patient care and management.
3. Electrophysiology, Polysomnography and video EEG training during residency.
4. Involved actively in the thesis guidance of the MD, DM, students.
5. **Started the NEUROMUSCULAR DISORDERS clinic in the neurology department.**
6. Coordinated with the surgery department **to initiate VIDEO ASSISTED THYMECTOMY IN PATIENTS WITH MYASTHENIA GRAVIS.**
7. **STARTED THE HEADACHE CLINIC IN NEUROLOGY OPD.**
8. **Involved with injection of Botulinum toxin** for patients with various forms of focal dystonias and spasmodic dysphonia and spasticity.
9. **Initiated botulinum toxin injection treatment for migraine and tension type headaches in AIIMS.**
10. Core member of the Tissue plasminogen activator (TPA) team of the stroke unit of AIIMS.
11. Co – ordinator for the Acute flaccid paralysis surveillance team for WHO.
12. Founder member of the Parkinsonism and related disorders awareness network (PRAN) a NGO for the care of patients with Parkinson's disease. Honorary

- treasurer of the same society and also the editor of the news bulletin of the same society.
13. Co investigator in various international and national randomized controlled trials.
 14. Co – ordinator for the interdepartmental faculty research meetings.
 15. **Incharge Plasma exchange facility department of Neurology AIIMS.**

AREAS OF INTEREST

**MOVEMENT DISORDERS, HEADACHE,
NEUROMUSCULAR DISORDERS,**

Started the neuromuscular disorder clinic and Headache clinic at the neurology department of the Institute and maintaining a registry of the neuropathies, Myopathies and mitochondrial cytopathies at the institute

LIST OF PUBLICATIONS

1. Acute ischemic stroke with tandem/terminal ICA occlusion - CT perfusion based case selection for mechanical recanalization.
2. Parthasarathy R, Goel G, Gupta V, Singhal V, Sehgal J, Garg A, Singh S. *Neurol India*. 2015 May-Jun;63(3):369-77.
3. Quantitative thermal sensory testing in patients with monomelic amyotrophy. Joshi D, Bhatia M, Singh S, Goyal V, Srivastava T, Shukla G, Padma MV, Behari M. *Electromyogr Clin Neurophysiol*. 2005 Dec;45(7-8):387-91.
4. Functional mapping in PD and PSP for sustained phonation and phoneme tasks. Sachin S, Senthil Kumaran S, **Singh S**, Goyal V, Shukla G, Mahajan H, Behari M. *J Neurol Sci*. 2008 Oct 15;273(1-2):51-6. doi: 10.1016/j.jns.2008.06.024. Epub 2008 Aug 3.
5. Validity of the Berlin Questionnaire in identifying obstructive sleep apnea syndrome when administered to the informants of stroke patients. Srijithesh PR, Shukla G, Srivastava A, Goyal V, **Singh S**, Behari M. *J Clin Neurosci*. 2011 Mar;18(3):340-3.
6. Clinical speech impairment in Parkinson's disease, progressive supranuclear palsy, and multiple system atrophy. Sachin S, Shukla G, Goyal V, Singh S, Aggarwal V; Gureshkumar, Behari M. *Neurol India*. 2008 Apr-Jun;56(2):122-6.
7. IgM anti-GM1 antibody titers in patients with monomelic amyotrophy. Khandelwal D, Bhatia M, Vivekanandan S, Singh S, Shukla G, Goyal V, Behari M. *Neurol India*. 2006 Dec;54(4):399-401.
8. Impact of sleep on the localizing value of video EEG in patients with refractory focal seizures - a prospective video-EEG with EOG and submental EMG study. Singh S, Shukla G, Goyal V, Srivastava AK, Singh MB, Vibha D, Behari M. *Clin Neurophysiol*. 2014 Dec;125(12):2337-43.
9. Clinical spectrum of Hallervorden-Spatz syndrome in India. Sachin S, Goyal V, Singh S, Shukla G, Sharma MC, Gaikwad S, Behari M. *J Clin Neurosci*. 2009 Feb;16(2):253-8.
10. Quality of life and psychiatric co-morbidity in Indian migraine patients: a headache clinic sample. Sharma K, Remanan R, Singh S. *Neurol India*. 2013 Jul-Aug;61(4):355-9.
11. Long-term outcome of decompressive hemicraniectomy in patients with malignant middle cerebral artery infarction: a prospective observational study. Rai VK, Bhatia R, Prasad K, Padma Srivastava MV, Singh S, Rai N, Suri A. *Neurol India*. 2014 Jan-Feb;62(1):26-31
12. Myasthenic crisis: a retrospective study. Panda S, Goyal V, Behari M, Singh S, Srivastava T. *Neurol India*. 2004 Dec;52(4):453-6.
13. Spinocerebellar ataxia 7 (SCA7) in Indian population: predilection of ATXN7-CAG expansion mutation in an ethnic population. Faruq M, Srivastava AK, Singh S, Gupta R, Dada T, Garg A, Behari M, Mukerji M. *Indian J Med Res*. 2015 Feb;141(2):187-98.
14. Development and Validation of Quality of Life in Parkinson's Disease Instrument. Aggarwal R, Goyal V, Pandey RM, Kumar N, Singh S, Shukla G, Behari M. *Ann Indian Acad Neurol*. 2020 Jan-Feb;23(1):59-71.

15. Neuropsychiatric co-morbidities in non-demented Parkinson's disease. Rai NK, Goyal V, Kumar N, Shukla G, Srivastava AK, Singh S, Behari M. *Ann Indian Acad Neurol*. 2015 Jan-Mar;18(1):33-8
16. Ticagrelor and Aspirin or Aspirin Alone in Acute Ischemic Stroke or TIA. Johnston SC, Amarenco P, Denison H, Evans SR, Himmelmann A, James S, Knutsson M, Ladenvall P, Molina CA, Wang Y; THALES Investigators. *N Engl J Med*. 2020 Jul 16;383(3):207-217
17. Recent Studies in Cerebrovascular Diseases in India Annual Stroke Masterclass 2017: The Summary of Meeting Proceedings: Annual Stroke Masterclass 2017: The Summary of Meeting Proceedings. Parthasarathy R, **Gupta V**, Singh S. *J Vasc Interv Neurol*. 2018 Jun;10(1):45-51.
18. Study of DSM-IV Axis I psychiatric disorders in patients with refractory complex partial seizures using a short structured clinical interview. Desai SD, Shukla G, Goyal V, Singh S, Padma MV, Tripathi M, Srivastava A, Singh M, Shivakumar K, Sagar R, Behari M. *Epilepsy Behav*. 2010 Nov;19(3):301-5
19. RBD in Parkinson's disease: a clinical case control study from North India. Vibha D, Shukla G, Goyal V, Singh S, Srivastava AK, Behari M. *Clin Neurol Neurosurg*. 2011 Jul;113(6):472-6
20. A case control study of women with Parkinson's disease and their fertility characteristics. Yadav R, Shukla G, Goyal V, Singh S, Behari M. *J Neurol Sci*. 2012 Aug 15;319(1-2):135-8
21. Abnormal sympathetic hyper-reactivity in patients with myasthenia gravis: a prospective study. Shukla G, Gupta S, Goyal V, Singh S, Srivastava A, Behari M. *Clin Neurol Neurosurg*. 2013 Feb;115(2):179-86
22. A study of voice profiles and acoustic signs in patients with Parkinson's disease in North India. Lazarus JP, Vibha D, Handa KK, Singh S, Goyal V, Srivastava T, Aggarwal V, Behari M. *J Clin Neurosci*. 2012 Aug;19(8):1125-9
23. Knowledge of Parkinson's disease among patients and caregivers attending movement disorder clinic at a tertiary care centre in north India. Yadav R, Shukla G, Goyal V, Singh S, Behari M. *Ann Indian Acad Neurol*. 2012 Oct;15(4):294-6
24. Quality of life and psychiatric co-morbidity in Indian migraine patients: a headache clinic sample. Sharma K, Remanan R, Singh S. *Neurol India*. 2013 Jul-Aug;61(4)
25. Neuropsychiatric co-morbidities in non-demented Parkinson's disease. Rai NK, Goyal V, Kumar N, Shukla G, Srivastava AK, Singh S, Behari M. *Ann Indian Acad Neurol*. 2015 Jan-Mar;18(1):33-8
26. What Should Constitute a Health Related Quality of Life Scale for Parkinson's Disease? Aggarwal R, Goyal V, Pandey RM, Kumar N, Singh S, Shukla G, Behari M. *J Clin Diagn Res*. 2016 Sep;10(9):OC35-OC39
27. Coexistent of muscle specific tyrosine kinase and acetylcholine receptor antibodies in a myasthenia gravis patient - Suhail H, Vivekanandhan S, Singh S, Behari M. *Neurol India*. 2010 Jul-Aug;58(4):668-9.
28. Limb girdle muscular dystrophy type 2A in India: a study based on semi-quantitative protein analysis, with clinical and histopathological correlation - Pathak P, Sharma MC, Sarkar C, Jha P, Suri V, Mohd H, Singh S, Bhatia R, Gulati S. *Neurol India*. 2010 Jul-Aug;58(4):549-54.

29. Study of DSM-IV Axis I psychiatric disorders in patients with refractory complex partial seizures using a short structured clinical interview - Desai SD, Shukla G, Goyal V, Singh S, Padma MV, Tripathi M, Srivastava A, Singh M, Shivakumar K, Sagar R, Behari M. *Epilepsy Behav.* 2010 Nov;19(3):301-5. Epub 2010 Aug 21.
30. Apolipoprotein-E genotypes and myasthenia gravis - Suhail H, Soundararajan CC, Vivekanandhan S, Singh S, Behari M *Neurol India.* 2010 May-Jun;58(3):443-5
31. Lower prevalence of sleep disturbances in familial versus sporadic Parkinson's disease: a questionnaire based study - Vibha D, Shukla G, Singh S, Goyal V, Srivastava AK, Behari M - *J Neurol Sci.* 2010 Aug 15;295(1-2):27-30. Epub 2010 Jun 11.
32. Differences between familial and sporadic Parkinson's disease - Vibha D, Sureshbabu S, Shukla G, Goyal V, Srivastava AK, Singh S, Behari M *Parkinsonism Relat Disord.* 2010 Aug;16(7):486-7.
33. Serological and clinical features of patients with myasthenia gravis in north Indian population - Suhail H, Subbiah V, Singh S, Behari M *Int J Neurosci.* 2010 Feb;120(2):115-9.
34. Cardiovascular and sudomotor autonomic dysfunction in Wilson's disease--limited correlation with clinical severity - Soni D, Shukla G, Singh S, Goyal V, Behari M *Auton Neurosci.* 2009 Dec 3;151(2):154-8. Epub 2009 Aug 8.
35. Increased expression of cell adhesion molecules in inflammatory myopathies: diagnostic utility and pathogenetic insights. Jain A, Sharma MC, Sarkar C, Bhatia R, Singh S, Handa R. *Folia Neuropathol.* 2009;47(1):33-42
36. Unusual complication of deep brain stimulation in Parkinson's disease. Goyal V, Vaishya S, Shukla G, Singh S, Behari M. *Mov Disord.* 2009 Mar 20.
37. Diagnostic utility of skin biopsy in dystrophinopathies. Tanveer N, Sharma MC, Sarkar C, Gulati S, Kalra V, Singh S, Bhatia R. *Clin Neurol Neurosurg.* 2009 Jul;111(6):496-502. Epub 2009 Feb 28
38. Congenital myopathies: a clinicopathological study of 25 cases. Jain D, Sharma MC, Sarkar C, Gulati S, Kalra V, Singh S, Bhatia R. *Indian J Pathol Microbiol.* 2008 Oct-Dec;51(4):474-80.
39. Tubular aggregate myopathy: a rare form of myopathy. Jain D, Sharma MC, Sarkar C, Suri V, Sharma SK, Singh S, Das TK. *J Clin Neurosci.* 2008 Nov;15(11):1222-6 .
40. Calcific myofibrosis due to pentazocine abuse: a case report. Goyal V, Chawla JM, Balhara YP, Shukla G, Singh S, Behari M. *J Med Case Reports.* 2008 May 17;2:160.
41. Prolonged preictal psychosis in refractory seizures: a report of three cases. Shukla G, Singh S, Goyal V, Gaikwad S, Srivastava A, Bal CS, Gupta A, Behari M. *Epilepsy Behav.* 2008 Jul;13(1):252-5.
42. Abnormal sleep-wake cycles in patients with tuberculous meningitis: a case-control study. Pardasani V, Shukla G, Singh S, Goyal V, Behari M. *J Neurol Sci.* 2008 Jun 15;269(1-2):126-32.

43. Trikha I, Singh S, **Goyal V**, Shukla G, Bhasin R, Behari M. Comparative efficacy of low dose, daily versus alternate day plasma exchange in severe myasthenia gravis : A randomised trial. *J Neurol.* **2007** Aug 11; [Epub ahead of print]
44. Gupta P, **Singh S**, Goyal V, Shukla G, Behari M. Low-dose topiramate versus lamotrigine in migraine prophylaxis (the lotolamp study). *Headache* **2007**; 47(3): 402-12.
45. Juyal RC, Das M, Punia S, Behari M, Nainwal G, Singh S, Swaminath PV, Govindappa ST, Jayaram S, Muthane UB, Thelma BK. Genetic susceptibility to Parkinson's disease among South and North Indians: I. Role of polymorphisms in dopamine receptor and transporter genes and association of DRD4 120-bp duplication marker. *Neurogenetics.* 2006 Jul
46. Srivastava T, Singh S, Goyal V, Shukla G, Behari M. Hemichorea-hemiballism associated with frontoparietal bleed. *J Neurol.* 2006 May;253(5):653-4.
47. Gupta E, Dar L, Singh S, Behari M, Broor S. Role of CSF serology in follow-up of subacute sclerosing panencephalitis patients on treatment. *Indian J Med Microbiol.* 2006 Apr;24(2):131-2.
48. Singh S, Behari M. Verbal and visual memory in patients with early Parkinson's disease: effect of levodopa. *Neurol India.* 2006 Mar;54(1):33-7.
49. Srivastava T, Singh S, Goyal V, Shukla G, Behari M. Hypoglossal nerve paralysis caused by high cervical epidural abscess. *Neurology.* 2006 Feb 28;66(4):522.
50. Srivastava T, Goyal V, Singh S, Shukla G, Behari M. Pallido-pyramidal syndrome with blepharospasm and good response to levodopa. *J Neurol.* 2005 Dec;252(12):1537-8.
51. Physician Assisted Suicide- the perspective of a neurologist .**Singh S**, Behari M, Prasad K, Sardana V JAPI., Aug 2001(49):823-838.
52. Wilson's disease – **Singh S**, Behari M. JAPI Vol 51.Feb 2003
53. Cervical dystonia responsive to levodopa **Singh S**, Goyal V, Prasad K, Behari M. – letter to editorial – *Neurology India* June 2004Vol52Issue 2.276-278.
54. Jain A, Sharma MC, Sarkar C, Bhatia R, Singh S, Handa R. Major histocompatibility complex class I and II detection as a diagnostic tool in idiopathic inflammatory myopathies. *Arch Pathol Lab Med.* 2007 Jul;131(7):1070-6.
55. Fungal granuloma of the brain caused by *Cladosporium bantianum* – a case report and the review of literature – **Singh S**, Singh P, Goyal V, Srivastava T, Shukla G, Sarkar C, Behari M. accepted for publication at *Journal of the Neurological sciences.*
56. Hot Crossed bun sign in patients with Multi system atrophy Cerebellar – Srivastava T, **Singh S**, Shukla G, Goyal V, Behari M. accepted for publication in *Neurology.*
57. Video Assisted thymectomy in patients with Juvenile Myasthenia gravis. AIIMS experience Arvind Kumar, Kumar S, **Singh S**, Dilip K, Kalara V *Indian Pediatrics* 2002 Dec; 39(12) 1131-7.
58. Isolated "one and a half syndrome" with brainstem tuberculoma. Menon V, Gogoi M, Saxena R, **Singh S**, Kumar A. *Indian J Pediatr.* 2004 May;71(5):469-71.
59. **Goyal V**, Vaishya S, Shukla G, Singh S, Behari M. Unusual complication of deep brain stimulation in Parkinson's disease. *Mov Disc* **2007**; (Accepted)

60. Shukla G, Bhatia M, Singh S, **Goyal V**, Srivastava T, Behari M. Atypical Kleine-Levin syndrome: Can insomnia and anorexia be features too? *Sleep Med.* 2007 Jul 17; [Epub ahead of print] .
61. Shukla G, Singh S, Goyal V, Gaikwad S, Srivastava A, Bal CS, Gupta A, Behari M. Prolonged preictal psychosis in refractory seizures: A report of three cases. *Epilepsy Behav.* 2008 Feb 29 [Epub ahead of print]
62. Pardasani V, Shukla G, Singh S, Goyal V, Behari M. Abnormal sleep-wake cycles in patients with tuberculous meningitis: A case-control study. *J Neurol Sci.* 2008 Feb 20 [Epub ahead of print]
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CHAPTERS IN BOOKS.

1. PYOGENIC INFECTIONS OF THE NERVOUS SYSTEM.
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- U.K.Mishra.
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 3. PARASITIC INFECTIONS OF THE NERVOUS SYSTEM Behari M , **Singh S**. In Neurology in clinical practice Bradley WG, Darrof RB, Fenichel GM, Marsden CD, eds. Fourth edition. Butterworth Heinmann,s pub. 2004 USA.2051-87.
 4. Molecular Genetics of Parkinson's disease and dystonias. **Singh S**, Behari M a review article. In Mohandas S, Borgohain R, Meena A K, (eds) Reviews in Neurology Dharani Printers , Hyderabad 999: 1-12.
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 6. In the Task Force for the establishment of the Guidelines for management of the Headache disorders in India, as designated by the Indian Academy of Neurology.
 7. Migraine associated vertigo – in Textbook of Vertigo eds. Dr KK Handa. Elsevier science.
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 9. Management of movement disorders in the current millennium – Association of physicians of India – CME book APICON 2011.
 10. Neuromuscular Junction disorders in critical care . Singh S. Sushant B. Textbook of critical care eds. Jatin Mehta. Elseviere science
 11. Secondary Headache disorders – Singh S. Garg H, Monograph on Headache disroders – Jaypee Publications.
 12. Myasthenia gravis and other Neuromuscular junction disorders – Indian Academy of Neurology textbook 2017.
 13. Hashimoto's encephalopathy – Textbook on endocrinology – Association of Physicians of India.
 14. How Indian Doctors treat Parkinson's disease - Textbook on movement disorders – eds. Dr Madhuri Behari – in Press.
 15. Neurocognitive dysfunction in Parkinson's disease – as Above.
 16. Approach to diagnosis and management of tremors – Textbook of Movement disorders – edit. Dr Kalyan Bhattacharya and others.

17. Myasthenia gravis – Dr Sumit Singh, Amit Agarwal – textbook of neurology
– Indian academy of Neurology.

CONFERENCES AND CME PROGRAMMES ORGANISED

1. Current trends in Neuromuscular disorders – an international symposium
March 2005. India Habitat centre Organizing secretary.
2. CUTE (comprehensive update in techniques in electrophysiology),
Joint organizing secretary. Due in Feb 2006.
3. Member organizing committee Indo US symposium on stroke. Nov 2005
4. Member organizing committee International symposium on evidence
based Neurosciences. Nov 2005
5. Member organizing committee Current trends in Epilepsy Nov 2006.
6. VI annual national workshop on movement disorders co organizer.
7. First mid term Neurocon 2002 co organizer in the organizing committee.
8. Organising secretary for Asian and Oceanian Parkinson's disease and
Movement disorders Congress in Feb 2009.
9. Organized symposium on Multiple sclerosis in the Asian and Oceanian
Congress of Neurology in October 2008.
10. Organized the 11th Annual Conference of the Delhi Neurological Association
at AIIMS, New Delhi.
11. Delhi Neurology Association Annual conference in 2005 and 2011.
12. Virtual Agrim Neurology Update 2020
13. It Organizing secretary of AOCN IANCON 2022 Delhi
14. ICTRIMS 2023 Organizing Chairman.

MEMBERSHIP OF SOCIETIES

Associate member of the American academy of neurology.

Life member of Indian Academy of Neurology.

Associate member of Neurological society of India.

Founder member of Parkinsonism and related disorders awareness network

Hony. Gen. Secretary of Parkinsonism and related disorders awareness network. Editor
of the first PRAN news bulletin, a periodical of the PRAN society a NGO for the
upliftment of Parkinsons' disease.

Life Member Delhi diabetic forum.

PATRON OF THE INDIAN MUSCULAR DYSTROPHY ASSOCIATION.

PATRON OF THE MULTIPLE SCLEROSIS SOCIETY OF INDIA

Joint Secretary and Founder member of the Indian Headache

Society Governing council member of the Asia Pacific Headache
Society

Editorial Board of AIAN, Annals of Neurology, Journal of Neurosciences, Chochrane
Reviews(Neuromuscular disorders Subsection)

OTHER ACTIVITIES

- 1. An avid orator has won many prizes in debates, extempore and elocution contests.**
- 2. Sketching painting, and photography are the main hobbies.**
- 3. Appeared in many health related programs, many times on DD News, DD National, Star TV, NDTV, TOTAL TV, CNN IBN, TIMES NOW, INDIA TV, Jain TV, SAB TV, And Zee TV.**