

## **DEPARTMENT OF NEUROLOGY**

### **1. List of publications in Vancouver style yearwise (calendar year) (Period 2014 to 2019)**

#### **Dr. Shalesh Rohatgi**

1. Suprakash Chaudhury, S. Rohatgi, P.S. Murthy, Subhas Soren, Ajay Kumar Bakhla, Chandra Kiran. A Clinical study of post-ictal psychoses. Saudi Journal for Health Science May-Aug 2015; 4(2):99 – 103.
2. S. Rohatgi, A Ahluwalia, Phenytoin induced changes in bone mineral metabolism in young Males Medical Journal of Dr. D Y Patil University on Sept-Oct 2017;10(5):412-416.
3. Shalesh Rohatgi, Prajwal Rao. Study of Motor-evoked Potentials Using Transcranial Magnetic Stimulation in Young Healthy Indian Adults. Medical Journal of Dr. D. Y. Patil University on Jan – Feb 2018,11(1):53-56.
4. Isolated epileptic nystagmus. Medical journal of Dr. D. Y. Patil Vidyapeeth on March-April 2019, 12(2).
5. Induced movement therapy is a potential treatment for improving upper limb function in stroke patients. Medical journal of Dr. D. Y. Patil Vidyapeeth on March-April 2019, 12(2).
6. Dr. Shailaja B, Suprakash Chaudhury, Shalesh Rohatgi Oromandibular Dystonia : A Rare Clinical Entity. Medical Journal of Dr. D. Y. Patil Vidyapeeth July- August 2019, Vol 12 Issue 4.
7. Dr. Dhaval Dave, Dr. Furqan Khan, Dr. Shalesh Rohatgi, Dr. Satish Nirhale, Dr. Rao, Dr. Pravin Naphade Atypical Multiple Sclerosis with antibody to MOG Medical Journal of Dr. D. Y. Patil Vidyapeeth October 15, 2019 Volume 405, Supplement, Page 324.
8. Dr. Shalesh Rohatgi, Eye a window for glioblastoma multiforme – A series of case reports. Medical journal of Dr. D. Y. Patil Vidyapeeth 2 March, 2020 Volume 12, Issue 5.

#### **Dr. Satish Nirhale**

1. Nirhale S P , Shiddapur G S, Wable J B, Rao P. Study of incidence of CVST in urban Population. Indian Journal of Basic and Applied Medical Research. 2015; 4 (4) : 407-409.
2. Nirhale S, Kanitkar S A, Bhate A S, Ostwal P. Study of etiological factors responsible for non- traumatic coma in geriatric population. Indian Journal of Basic and Applied Medical Research 2015; 5 (1): 814-817.
3. Bhate A S, Nirhale S, Rao P, Kanitkar S A. Comparison of outcome of etiological factors for non-traumatic coma in geriatric population in India. Indian Journal of Basic and Applied Medical Research. 2015; 5 (1): 818-823.

- 4 Wable J B, Ostwal P, Shiddapur G S, Nirhale S. Study of predisposing factors responsible for CVST in Indian population. Indian Journal of Basic and Applied Medical Research. 2015; 4 (4): 410-414.
- 5 Nirhale S P, Ostwal P, Rao P, Naphade P. Hypokalemic paralysis in febrile thrombocytopenic patients : A case series. Sifa medical 2016; 3 (1) : 21-24.
- 6 Clinical profile and treatment pattern of Neuromylitis optica spectrum disorder (NMOSD) patients in Western India. Poster presentation EUROPEAN ACADAMY OF NIEUNOLOGY – JUNE 2018.
- 7 Dr. Shalesh Rohatgi, Eye a window for glioblastoma multiforme – A series of case reports. Medical journal of Dr. D. Y. Patil Vidyapeeth 2 March, 2020 Volume 12, Issue 5.

8. Nirhale S P, Ostwal P, Rao P, Naphade P. An Uncommon meningitis in an immunocompetent individual, Neurol India. 2016; 64 (1): 168-71.
9. Dr. Prajwal Rao, Dr. Satish Nirhale, Dr Jagadish B Wable, Dr, Govind S. Shiddapur. Study of complication of CVST in Indian population Medworld-asia International Publishers Applied Physiology and Anatomy Digest, (P ISSN : 2456-4095) September 2016 (1) 02, 28-30
10. Dr Anu N. Gaikwad, Dr. Satish Nirhale, Dr. Midhun M, Dr. Pravin U Naphade. Clinical, Radiological and Monofilament study of HIV positive patients depending on the type of neurological symptoms manifestations. Medworld-asia International Publishers Applied Physiology and Anatomy Digest ( P ISSN: 2456-4095) September 2016 (1) 02, 28-32

### **Dr. Prajwal Rao**

1. Nirhale S P , Shiddapur G S, Wable J B, Rao P. Study of incidence of CVST in urban Population. Indian Journal of Basic and Applied Medical Research. 2015; 4 (4): 407-409.
2. Bhate A S, Nirhale S, Rao P, Kanitkar S A. Comparison of outcome of etiological factors for non-traumatic coma in geriatric population in India. Indian Journal of Basic and Applied Medical Research. 2015; 5 (1): 818-823.
3. Ravat S, Rao P, Iyer V, Muzumdar D, Shah U, Shah S, Jain N, Godge Y. Surgical outcomes with non-invasive presurgical evaluation in MRI determined bilateral mesial temporal sclerosis: A retrospective cohort study. Int J Surg. 2015 Sep 25. pii: S1743-9191(15)01186-3.
4. Nirhale S P, Ostwal P, Rao P, Naphade P. Hypokalemic paralysis in febrile thrombocytopenic patients : A case series. Sifa medical Journal. 2016; 3 (1): 21-24.
5. Nirhale S P, Ostwal P, Rao P, Naphade P. An Uncommon meningitis in an immunocompetent individual, Neurol India. 2016; 64 (1): 168-71.
6. Shalesh Rohatgi, Prajwal Rao. Study of Motor-evoked Potentials Using Transcranial Magnetic Stimulation in Young Healthy Indian Adults. Medical Journal of Dr. D. Y. Patil University on Jan – Feb 2018,11(1):53-56.

### **Dr. Pravin Naphade**

1. Nirhale S P, Ostwal P, Rao P, Naphade P. Hypokalemic paralysis in febrile thrombocytopenic patients : A case series. Sifa medical Journal. 2016; 3 (1): 21-24.
2. Nirhale S P, Ostwal P, Rao P, Naphade P. An Uncommon meningitis in an immunocompetent individual, Neurology India. 2016; 64 (1): 168-71.

3. Dr. Midhun M, Dr. Pravin U Naphade, Dr. Satish Nirhale, Dr. Anu N. Gaikwad. Clinical study of HIV antibody positive patients manifesting with neurological manifestations. Indian Journal of Basic and Applied Medical 2016;5(2):48-53

## 2. PO and CO Analysis (UG as well as PG)

### PO-CO for DM Neurology

#### Programme Outcome

- PO-1 (Cognitive) After completion of programme he/ She should be able to diagnose all neurological disorders
- PO-2 (Cognitive) Able to plan and implement the best possible treatment.
- PO-3 (Skill) biopsy, Able to understand and carry out Electrophysiological studies and nerve & muscle interpret radiological investigation like CT scan, MRI, Angiograms.
- PO - 4 (Cognitive & skill) Should be able to impart teaching to other medical & paramedical personal.
- PO - 5 (Cognitive) Able to undertake research activities.

#### Course outcome

- CO – 1 Take detailed neurological history.
- CO – 2 Perform detailed neurological examination.
- CO – 3 Understand Neuroanatomy, Neurohistopathology .
- CO – 4 Treat all neurological disorder.
- CO – 5 Perform Electrophysiological investigations and interpret it. Do Muscle and nerve biopsy.
- Interpret MRI, CT scan, angiography
- CO – 6 Discuss differential diagnosis through case presentation.
- CO-7 Journal Club & Seminar.

PO-CO					
	PO-1	PO-2	PO-3	PO-4	PO-5
CO-1	3	2	1	2	2
CO-2	3	2	1	2	2
CO-3	3	0	1	3	1
CO-4	2	3	1	3	1
CO-5	3	2	3	2	1
CO-6	3	2	2	1	1
CO-7	3	3	1	2	3

Average	2.8	2	1.4	2.1	1.6
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### 3. Teaching programme (Actual teaching programme should be reflected and not methods)

The academic curriculum of DM (Neurology) is as follows –

ACADEMIC ACTIVITY	
Journal club	Friday
Investigation related– EEG,EMG,NCV,EP	Thursday
Case presentation	Monday
Grand rounds	Wednesday
Seminar	Tuesday

### 4. Dissertation


#### 1) Dr. Dhaval Dave -

A study of clinical, radiological and thrombophilia profile in cerebral venous sinus thrombosis under the guidance of - Dr. Shalesh Rohatgi Professor & HOD

#### 2) Dr. Furqan Khan

Study of spectrum of inflammatory demyelinating disease of central nervous system under the guidance of - Dr. Satish Nirhale, Professor

### 5. Conferences/CME/Workshop organized by department year wise (calendar year) from 1<sup>st</sup> 2014 to 2019 till date (With 2/3 photographs of each event)

Sr. No.	Title	Date	Guest Speaker	No. of Delegates Attended
<b>Year 2019</b>				
1	Neuromed - 2019	16 March 2019	Dr. Totlani	102
				



**2. Conferences/CME/Workshop attended by faculty and students year wise (calendar year) from 1<sup>st</sup> 2014 to 2019 till date**

Sr. No.	Name of the Participant	Designation	Name of the CME/Conference/Workshop	Date & Venue/place	Role (Delegate/ Resource Person/ Chairperson/ Panelist)
<b>Year 2014</b>					
1	Dr. Pravin Naphade	Asst Professor	Neurology Upadate Mumbai 2014	21 <sup>st</sup> to 23 <sup>rd</sup> February 2014	Delegate
<b>Year 2015</b>					
1	Dr. Pravin Naphade	Asst Professor	CME on STROKE	6 <sup>th</sup> December, 2015	Delegate
2	Dr. Pravin Naphade	Asst Professor	“Neuro Vision 2015”	18 <sup>th</sup> – 19 <sup>th</sup> July, 2015	Faculty
<b>Year 2016</b>					
1.	Dr. Satish Nirhale	Professor	10 <sup>th</sup> Man Conference 2016	24 <sup>th</sup> & 25 <sup>th</sup> September 2016	Delegate
2.	Dr. Satish Nirhale	Professor	“MDSICON 2016”	8 <sup>th</sup> - 10 <sup>th</sup> January 2016	Delegate
3.	Dr. Satish Nirhale	Professor	Neurology Update Mumbai 2016	19 <sup>th</sup> – 21 <sup>st</sup> February 2016	Delegate
4.	Dr. Satish Nirhale	Professor	CME on Epilepsy Update 2016	12 <sup>th</sup> March 2016	Speaker
5.	Dr. Satish Nirhale	Professor	2 <sup>nd</sup> Congress of the European Academy of Neurology	28 <sup>th</sup> - 31 <sup>st</sup> 2016	Delegate
6.	Dr. Satish Nirhale	Professor	FINE WEEKEND MOVEMENT DISORDERS COURSE 2016	19 <sup>th</sup> to 21 <sup>st</sup> August, 2016	Delegate
7.	Dr. Satish Nirhale	Professor	NEUROLOGY OF SYSTEMIC DISEASES	9 <sup>th</sup> October 2016	Faculty
8.	Dr. Prajwal Rao	Asst Professor	People’s Health and Quality of Life	22 <sup>nd</sup> November 2016	Delegate
9.	Dr. Prajwal Rao	Asst Professor	10 <sup>th</sup> Man Conference 2016	24 <sup>th</sup> & 25 <sup>th</sup> September 2016	Delegate
10.	Dr. Pravin Naphade	Asst Professor	10 <sup>th</sup> Man Conference 2016	24 <sup>th</sup> & 25 <sup>th</sup> September 2016	Delegate
11.	Dr. Pravin	Asst	GERICON – PUNE, 2016	6 <sup>th</sup> & 7 <sup>th</sup>	Faculty



	Naphade	Professor		August 2016	
12.	Dr. Prajwal Rao	Asst Professor	CME on Epilepsy Update 2016	12 <sup>th</sup> March 2016	Speaker
13.	Dr. Pravin Naphade	Asst Professor	CME on Epilepsy Update 2016	12 <sup>th</sup> March 2016	Speaker
14.	Dr. Pravin Naphade	Asst Professor	Neurology Update Mumbai 2016	19 <sup>th</sup> – 21 <sup>st</sup> February 2016	Delegate
15.	Dr. Pravin Naphade	Asst Professor	A Day in the EMG Lab	18 <sup>th</sup> February 2016	Delegate
16.	Dr. Pravin Naphade	Asst Professor	FINE MOVEMENT DISORDERS WEEKEND COURSE 2016	19 <sup>th</sup> to 21 <sup>st</sup> August, 2016	Delegate
17.	Dr. Pravin Naphade	Asst Professor	ISTART 16	27 <sup>th</sup> & 28 <sup>th</sup> August, 2016	Delegate

#### Year 2017

1	Dr. Shalesh Rohatgi	Prof HOD &	IANCON 2017	7 <sup>th</sup> - 10 <sup>th</sup> September 2017	Delegate
2	Dr. Shalesh Rohatgi	Prof HOD &	EPILEPSY UPDATE - II	11 <sup>th</sup> March 2017	Delegate
3.	Dr. Shalesh Rohatgi	Prof HOD &	INTROPICON 2017	24 <sup>th</sup> to 26 <sup>th</sup> March 2017	Delegate
4.	Dr. Satish Nirhale	Professor	The Approach Meet 2017	10 <sup>th</sup> & 11 <sup>th</sup> June 2017	Delegate
5.	Dr. Satish Nirhale	Professor	IANCON 2017	7 <sup>th</sup> - 10 <sup>th</sup> September 2017	Delegate
6.	Dr. Prajwal Rao	Asst Professor	IANCON 2017	7 <sup>th</sup> – 10 <sup>th</sup> September, 2017	Delegate
7.	Dr. Prajwal Rao	Asst Professor	INTROPICON 2017	24 <sup>th</sup> & 26 <sup>th</sup> March 2017	Delegate
8.	Dr. Pravin Naphade	Asst Professor	EPILEPSY UPDATE - II	11 <sup>th</sup> March 2017	Delegate

#### Year 2018

1.	Dr. Shalesh Rohatgi	Prof HOD &	MEDUCATION 2018	28 <sup>th</sup> September 2018	Guest Speaker
2.	Dr. Shalesh Rohatgi	Prof HOD &	Neurology Update Mumbai 2018	16 <sup>th</sup> - 18 <sup>th</sup> February, 2018	Delegate
3.	Dr. Satish Nirhale	Professor	Neurology Update Mumbai 2018	16 <sup>th</sup> - 18 <sup>th</sup> February,	Delegate

				2018	
4.	Dr. Pravin Naphade	Asst Professor	“EPIQUEST 2018”	15 <sup>th</sup> September, 2018	Delegate
<b>Year 2019</b>					
1	Dr. Satish Nirhale	Asso. Professor	18 <sup>th</sup> Asian and Oceanian Myology Center Meeting 2019	31 <sup>st</sup> May to 2 <sup>nd</sup> June 2019	Delegate
2	Dr. Satish Nirhale	Asso. Professor	The Approach Meet	June 8 & 9, 2019	Delegate
3	Dr. Satish Nirhale	Asso. Professor	Our experience with Rituximab (RTX) in chronic/relapsing neurological diseases.	29 <sup>th</sup> June to 2 <sup>nd</sup> July	
4	Dr. Prajwal Rao	Asst Professor	The Approach Meet	June 8 & 9, 2019	Delegate
5	Dr. Prajwal Rao	Asst Professor	18 <sup>th</sup> Asian and Oceanian Myology Center Meeting 2019	31 <sup>st</sup> May to 2 <sup>nd</sup> June 2019	Delegate
6	Dr. Pravin Naphade	Asst Professor	18 <sup>th</sup> Asian and Oceanian Myology Center Meeting 2019	31 <sup>st</sup> May to 2 <sup>nd</sup> June 2019	Delegate
7	Dr. Pravin Naphade	Asst Professor	The Approach Meet	June 8 & 9, 2019	Delegate
8	Dr. Pravin Naphade	Asst Professor	“NEUROLOGY UPDATES – 2019”	13 <sup>th</sup> July 2019	Speaker
9	Dr. Dhaval Dave	PG I	1 <sup>st</sup> IAN AINA CME & 2 <sup>nd</sup> AIIMS PGI Neurology Update	12-13-14 April, 2019	Delegate
10	Dr. Dhaval Dave	PG I	The Approach Meet	June 8 & 9, 2019	Delegate
11	Dr. Dhaval Dave	PG I	MANSOON SUMMIT 2019	12-13-14 July, 2019	Delegate
12	Dr. Dhaval Dave	PG I	MANSOON SUMMIT 2019 Poster Presented	12-13-14 July, 2019	Delegate
13	Dr. Furqan Khan	PG I	18 <sup>th</sup> Asian and Oceanian Myology Center Meeting 2019	31 <sup>st</sup> May to 2 <sup>nd</sup> June 2019	Delegate
14	Dr. Furqan Khan	PG I	The Approach Meet	June 8 & 9, 2019	Delegate
15	Dr. Furqan Khan	PG I	ICTRIMS 2019	16 <sup>th</sup> to 18 <sup>th</sup> August 2019	Delegate
16	Dr. Furqan Khan	PG I	ICTRIMS 2019 Poster Presented	16 <sup>th</sup> to 18 <sup>th</sup> August 2019	Delegate

**6) Best Practices**

1. Treatment protocol is as per laid down international standards and SOP
2. Liaison with CSIR institute of Genetics and integrative biology New Delhi.