

INDIAN FEDERATION OF NEUROREHABILITATION & IAN Neurorehabilitation activities in year 2021-2022

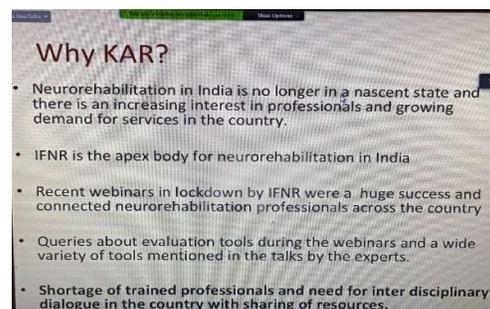
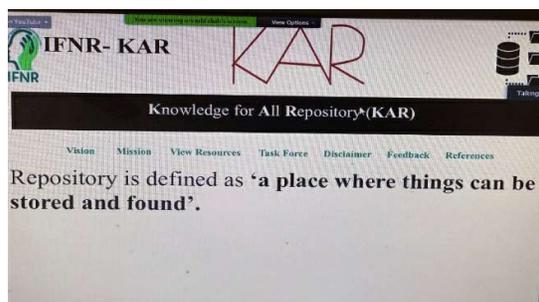
IFNR (Indian Federation of Neurorehabilitation) along with Indian Academic of Neurology subsection of neurorehabilitation under the AGIS World Federation of Neurorehabilitation carried out various advocacy, education, training events virtually in the year 2021 and resource material development collaborative efforts. IFNR 2021 endeavours were supported by AOSNR & WFNR expert faculty from interdisciplinary neurorehabilitation team from across globe .

Indian federation of neurorehabilitation formulated a task force representing 30 members

Expert team of multi-disciplinary neuro rehabilitation professionals Representing from across country (north ,south, east and west India) belonging to academic institutes, teaching hospitals with vast clinical experience and research acumen.

Task force came up with with a novel idea of making knowledge for all repository (KAR) resources where based on ICF framework, details, information of clinical tools in best practices are uploaded in public domain for Indian neurorehab professionals. Repository is defined as a place where things can be stored and accessed. Digital information, direct author and related research publication details of valid tools that have been vetted by senior experts for young professionals starting in their careers is being provided in KAR. Neuro rehabilitation in India is no longer in a nascent state and there is increasing interest in professionals and growing demand for services in the country IFNR is the apex body for neuro rehabilitation in India . This noble endeavour taken during pandemic lockdown has immensely helped many professionals from interdisciplinary background . IFNR also request young investigators, researchers, faculty and professionals to come forward , collaborate or share various resources developed, adapted, validated in in Indian clinical population.

Knowledge for ALL Repository (KAR)



Why KAR?

Easy access to valid tools that have been whetted by senior experts for young professionals starting in their careers.

- Common set of tools for research purposes and sharing information in the same language.
- IFNR role of knowledge provider.

TASK FORCE

The expert interdisciplinary task force comprises of 30 members representing all parts of the country (north, south, east, west), belonging to academic institutes, teaching hospitals and involved in clinical practice and research.

Knowledge for ALL Repository (KAR)

Knowledge for ALL Repository (KAR)

Home » Knowledge for All Repository (K.A.R)

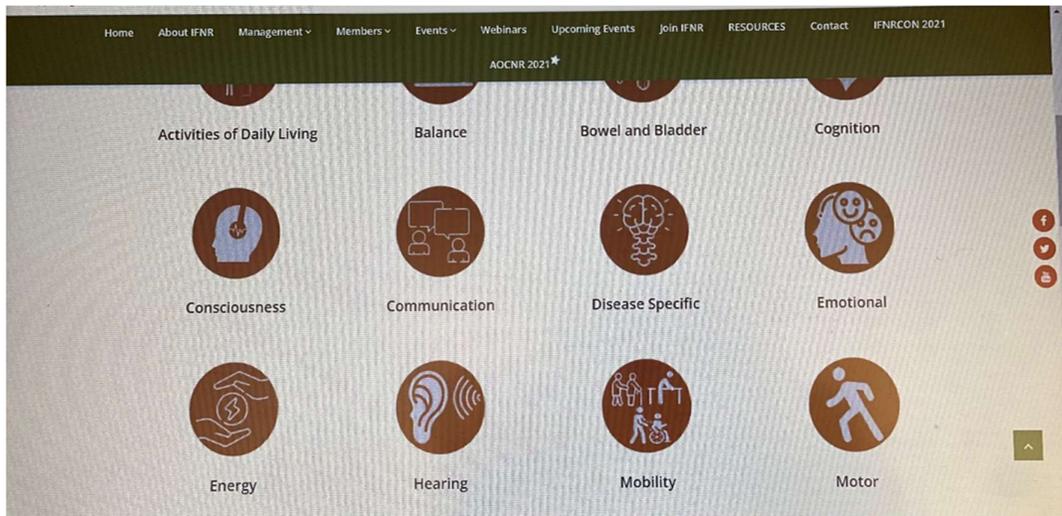
KAR HOME

Vision

Knowledge is meant to be free and needs to be shared widely. The paramount goal of all professionals working in neurorehabilitation is the benefit of the patient. The expert task force strongly believes in, and is committed to share any knowledge that will enable improved care.

Mission

- To create a 'Repository of Tools' that can be used for evaluation, rehabilitation planning, interventions and monitoring outcomes in persons with neurological dysfunction.
- To provide all information about these tools for professionals to improve clinical practice and research initiatives.
- To include tools that are relevant in the Indian context.
- To integrate the ICF framework by having comparative domains and linking the measures to relevant ICF Codes



IFNR Neurorehabilitation Course

IFNR jointly organised Neuro rehabilitation course (interdisciplinary 7 days online workshops) which was actively attended and participated by various professionals from India and abroad e.g Paediatric neuro rehab workshop, Aqua therapy, Motorrehab, Speech and swallow rehab, Sensory vestibular rehabilitation workshop, neuropsychological rehab workshop, workshop on spasticity and botox etc. This was followed by 9th annual convention virtual IFNRCON 2021 , a successful joint collaborative knowledge event .This virtually organised via parallel zoom platforms. IFNRCON 2021 was announced as MMC credited CME and rehabilitation council of India accredited CRE. Professor David Goods president WFNR inaugurated the virtual event followed by e lightening, GaneshVnadana . Welcome address was given by Dr Nirmal Surya president of IFNR and president elect AOSNR. Senior faculty, dignitaries of Indian academy of neurology (IAN) World federation of neurorehabilitation (WFNR) ,Asian Oceania society of neurorehabilitation (AOSNR) actively participated in the event. Dr Abhishek Srivastava secretary IFNRCON 2021 presented vote of thanks.

WFNR World Federation for NeuroRehabilitation

AOSNR

IFNR

VIRTUAL

IFNR NEURO REHAB COURSE
(3RD – 9TH APRIL, 2021)

Endorsed by: **WFNR & AOSNR**

IFNRCON 2021
9TH ANNUAL CONFERENCE OF

INDIAN FEDERATION OF NEUROREHABILITATION
(10TH – 11TH APRIL, 2021)

Conference SECRETARIES
Organizing Secretary: Dr. Ashish Mishra
Centre for Physical Medicine & Rehab Services, 155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000

WFNR **IFNR** **NEURO REHAB COURSE** **IFNRCON 2021**

Best Platter in Neuro-rehab

IFNR Neurorehab Course

IFNR Public Forum

10 April

- Multiple Sclerosis
- Parkinson's & movement disorders
- Stroke
- Traumatic brain injury

11 April

- Cerebral Palsy
- Spinal cord injury
- Dementia

IFNRCON 2021

10 & 11 April

- Symposia
- Guest Lectures
- E-Posters
- IFNR Young Professionals Fellowship
- Quiz

Course Day 1 Paediatric Neurorehab (3 April)

Course Day 2 Aqua Therapy (4 April)

Course Day 3 Motor Rehab (5 April)

Course Day 4 Sensory & Vestibular Rehab (6 April)

Course Day 5 Speech & Swallow Rehab (7 April)

Course Day 6 Neuro Psychological Rehab (8 April)

Course Day 7 Workshop on Spasticity & BTX A (9 April)

www.ifnr.org For more information email ifnrcon2021@gmail.com

MMC Accredited **4** **CRE RCI Accredited** **24**

Participants: Hasmina's iPad, abhishek sriv..., Nirmal Surya, Ashok, Deepak Pala...



IFNRCON 2021

IFNRCON 2021

9th ANNUAL CONFERENCE OF
INDIAN FEDERATION OF NEUROREHABILITATION
(10th - 11th APRIL, 2021)

Inaugural function of IFNRCON 2021

Friday, 9th April 2021 – 06:45 PM India Time (GMT+5:30)

06.00- 06.45 PM	Inaugural Oration by Prof Davis Goods, <i>President WFNR</i>
06.45- 06.50 PM	Welcome address by Dr. Nirmal Surya, <i>President IFNR</i>
06.50- 06.55 PM	Inauguration by lighting of Virtual Lamp
06.55- 07.00 PM	Ganesh Vandana by Ms. Sonal Chitnis
07.00- 07.05 PM	Address by Dr. U Meenakshisundaram, <i>Secretary - IAN</i>
07.05- 07.10 PM	Address by Prof. (Dr.) Manmohan Mehndiratta, <i>Chairperson Neurorehab subsection - IAN</i>
07.10- 07.20 PM	Address by Chief Guest Prof. David Goods, <i>President WFNR</i>
07.20- 07.25 PM	Vote of Thanks by Abhishek Srivastava, <i>Secretary IFNRCON2021 & IFNR</i>
National Anthem	
Dr Nirmal Surya <i>Organizing Chairperson, IFNRCON 2021</i>	Dr Abhishek Srivastava <i>Organizing Secretary, IFNRCON 2021</i>

IFNRCON 2021

(10, 11th APRIL, 2021)

DAY 8 : SYMPOSIUM ON- ICF MODEL IN NEUROREHABILITATION,
COCHRANE REHAB, STROKE REHAB & INVITED LECTURES

DAY 9 : SYMPOSIUM ON- TRAUMATIC BRAIN & SPINAL CORD INJURY REHAB,
PARKINSON'S DISEASE REHAB, MULTIPLE SCLEROSIS REHAB,
& AOSNR SYMPOSIUM

AWARDS & FELLOWSHIP

- There will be 10 IFNR Young Professional Fellowship of Rs.10,000/- each
- Best E-Poster Presentation:

1 st Prize- Rs.7,000/-	2 nd Prize- Rs.5,000/-	3 rd Prize- Rs. 3,000/-
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- E-Poster presentation: 3 minutes for Presentation & 2 minute for Discussion

Conference Secretariat

Organizing Secretary: Dr. Abhishek Srivastava

Center for Physical Medicine & Rehabilitation, Kolclaben Dhirubhai Ambani Hospital, Andheri (West), Mumbai-400053
 Website: www.ifnr.org Email: ifnrcon2021@gmail.com Contact: +91 22 2200 11801 / +91 22 2200 1181



World Multiple Sclerosis Day

IFNR dignitaries and task force organised many virtual events for awareness, advocacy and training purpose such as World Multiple sclerosis day in collaboration with Multiple sclerosis society of India Mumbai chapter (MSSI) , IAN neurorehabilitation subsection. This public awareness session on World MS day was held on 30th may 2021 via zoom platform for patients, caregivers as well as general public and medical and allied health care professionals. Dr Nirmal Surya gave inaugural speech on introduction to multiple sclerosis, causes and need for neuro rehabilitation in India including a success story. Dr Abhishek Srivastava, neurophysiatrist, SIG MS WFNR presented his views and enlightened the audience about current trends and the need of neuro rehabilitation of multiple sclerosis individuals , recent advances multidisciplinary care. Ms Sheela Chitnis, chairperson and co-founder of MSSI presented about the MSSI work, its journey of advocacy, support group, field work across MH and India. She emphasised on constraints in lockdown and pandemic affecting early identification, care to the PW MS and their family members along with newer staff who have joined MSSI, their provision of free medicine , counselling support , rehabilitation social work . She thanked all volunteers and medical and allied health care professionals supporting MSSI . Ms Sonal Chitnis, speech pathologist Dr Charu raghavan neuropsychologist, Dr. Deepti Kamble occupational therapist , Dr Hitav Someshwar physiotherapist Dr Purushotham Dantala orthotics and prosthetics Presented their views and enlighten the audience about various needs assessment and intervention of MS during panel discussion moderated by Dr Nirmal Surya. Panel emphasised on building adequate early identification, intervention care in MS Patients and caregivers and also need for the teamwork to help and enhance quality of life in MS and reduce disease burden on those young, or middle aged PWMS with various neurological co morbidities associated with MS.



Indian Federation of Neurorehabilitation

in collaboration of

Multiple Sclerosis Society of India- Mumbai Chapter

Multiple Sclerosis SIG of World Federation of Neurorehabilitation

Invites you for the

"Public Awareness Session" on
'World MS Day 2021' 30th May 2021.

11:00am-01:00pm IST

Zoom Meeting ID- <https://us06web.zoom.us/j/35169606403>



Dr. Nirmal Surya
 Moderator & Chairperson
 President, IFNR



Ms. Sheela Chitnis
 Chairperson
 Co-founder, MSSI

Speakers



Dr. Abhishek Srivastava
 Psychiatrist



Dr. Purbojyoti Dantale
 Orthotist & Prosthetist



Dr. Kekha Bhatkande
 Secretary, MSSI



Dr. Charu Raghavan
 Neuropsychologist



Ms. Sonal Chitnis
 Speech & Language Pathologist



Dr. Hitar Someshwar
 Physiotherapist



Dr. Deepi Kamble
 Occupational Therapist



1. World Brain Day Theme – Stop MS

on Thursday 22nd July 2021 IFNR joined hands with WFNR and MSSI organised public awareness virtual event. Stop Multiple sclerosis was a theme for this World Brain Day Celebration. Professor Tissa Wijeratne, Chair WFNR, Australia gave inaugural speech and introduction about MS and World Brain Day activities. Following which renowned expert MS

Professor Jurg Kesselring, Switzerland delivered clinically enriching, crisp speech and enlightened the audience about neurodisabilities of MS, Clinical practice research and also important findings in MS types, causes, scales, ICF based protocol to be adhered and do's and don'ts in neurorehabilitation of MS. He also emphasized on Need of telerehabilitation Disease specific, Disorder specific valid scales, drugs, client centred intervention protocols involving family and society.

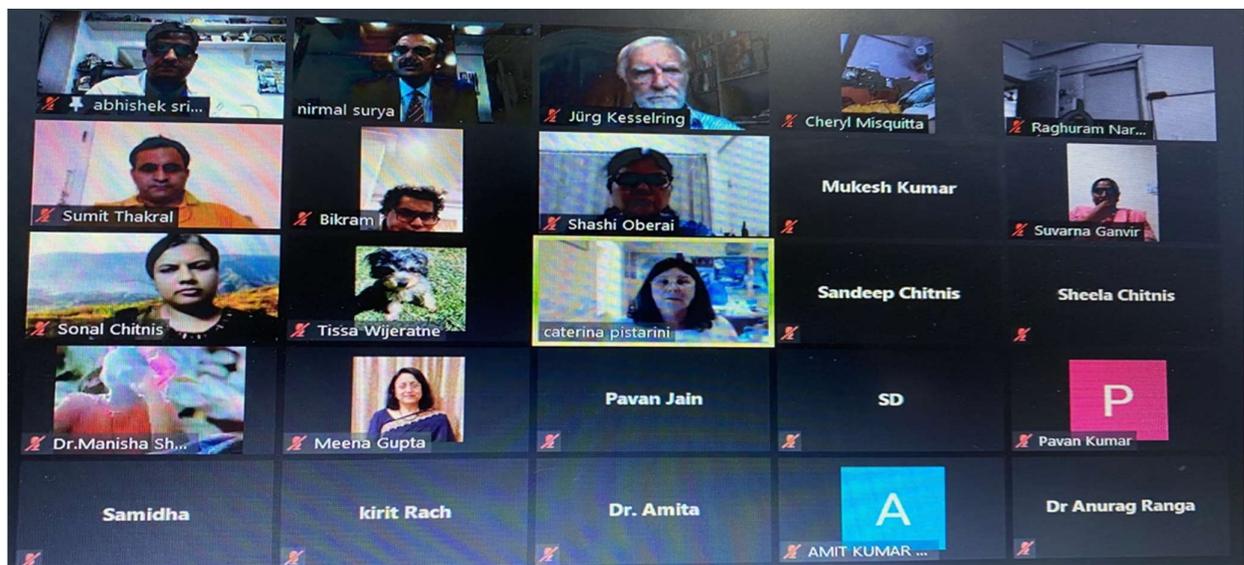
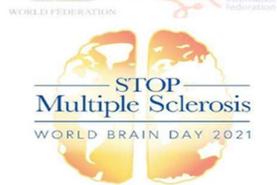
**WORLD BRAIN DAY 2021
STOP
MULTIPLE SCLEROSIS**



Thursday, 22nd July 2021 – 05:30pm-07:00pm (IST)

On Zoom Link: <https://bit.ly/WorldBrainDay2021>

Chair: Dr. Nirmal Surya / Dr. Abhishek Srivastava		
05:30pm-05:45pm	Inaugural Speech & WBD	Prof. Tissa Wijeratne, Australia – Chair, World Brain Day, WFN
05:45pm-06:00pm	Neurorehab in MS	Prof. Jurg Kesselring, Switzerland
06:00pm-06:30pm	Panel Discussion	Prof. Caterina Pistarini, Sec. General, WFNR Dr. Abhishek Srivastava, Chair, MS (SIG) WFNR Dr. Urvashi Shah, Neuropsychologist Dr. Suvarna Ganvir, Neurophysiotherapist Dr. Shashi Oberai, Occupational Therapist Ms. Sonal Chitnis, Speech Therapist Ms. Sheela Chitnis, Social Worker
06:30pm-07:00pm	Question / Answer	Moderator: Dr. Nirmal Surya, President, IFNR



2. World Alzheimer's Disease Day awareness program

IFNR celebrated 25 years completion of WFNR endeavours by organising various knowledge events and advocacy efforts virtually. World Alzheimer's day was celebrated on 21st september 2021 This session was moderated by Mrs Vidya Shenoy, integrative therapist and Secretary ,Alzheimer's and related dementia society of India Smruti Vishwam, Mumbai chapter . IFNR, IAN , ARDSI faculty joined hands and presented a wonderful panel discussion , a session on Alzheimer's and dementia in aging in Indian context. Dr Nirmal Surya, president IFNR gave an overview on Alzheimer's disease and current state of neuro rehabilitation in India Senior neuro psychiatrist Dr E S Krishnamoorthy presented on holistic neuro rehabilitation of Alzheimer's in Indian scenario . Further Neuropsychologist Dr Jamuna Rajeswaran presented on challenges in rehabilitation of Alzheimer's disease across stages. Dr avinash d'souza, President Bombay Psychiatry society presented his views on what dementia is and how it needs to be understood across common men and person with dementia and his family members. He put forward holistic ICF based understanding of living with dementia and the needs . Dr Anu kant Mittal also added to the the topic and gave insightful, practical narrative on psychiatric aspects of dementia and the challenges In the Indian setting. This panel enlightened the audience on Alzheimer's and dementia Neurorehabilitation Teamwork .



World Alzheimer's Day

21st September 2021, 4.30pm to 6:00pm

CHAIR: - DR. NIRMAL SURYA, PRESIDENT, IFNR

DR. ABHISHEK SRIVASTAVA, SECRETARY, IFNR

MODERATOR: - MRS. VIDYA SHENOY, INTEGRATIVE THERAPIST AND DEMENTIA CARE SPECIALIST

TIME	TOPIC	SPEAKER
4:30-4:40PM	WELCOME	
4:40-4:50PM	ALZHEIMER'S DISEASE: AN OVERVIEW	DR. NIRMAL SURYA PRESIDENT, IFNR
4:50-5:00PM	REHABILITATION CHALLENGES IN ALZHEIMER'S DISEASE	DR. JAMUNA RAJESWARAN NEUROPSYCHOLOGIST
5:00-5:10PM	HOLISTIC REHABILITATION	DR. E. S. KRISHNAMOORTHY FOUNDER, BUDDHI CLINIC
5:10-5:20PM	WHAT DEMENTIA MEANS TO ME	DR. AVINASH DE SOUSA PRESIDENT, BOMBAY PSYCHIATRIC SOCIETY
5:20-5:30PM	PSYCHIATRIC ASPECTS OF DEMENTIA- CHALLENGES IN THE INDIAN SETTING	DR. ANU KANT MITTAL PRESIDENT, INDIAN ASSOCIATION OF PRIVATE PSYCHIATRY
5:30-6:00PM	PANEL DISCUSSION	

Zoom Link: <https://us02web.zoom.us/j/88617645905>



3. **IAN Neurorehabilitation subsection UN Elderly care awareness program theme:**

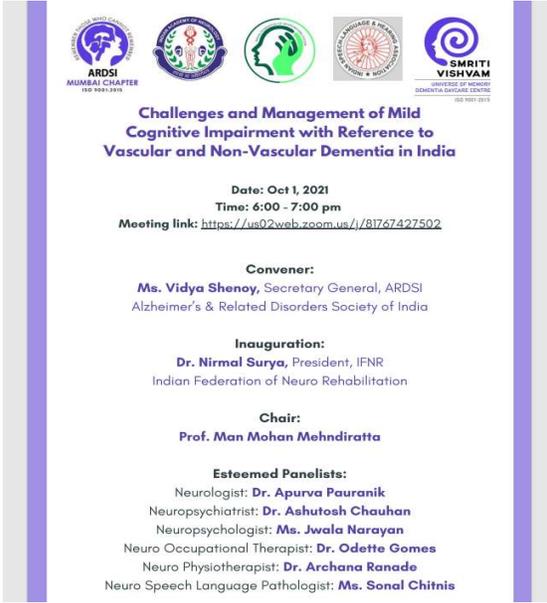
Mild Cognitive Impairment and Vascular & non vascular Dementia : Challenges in diagnosis and management in Indian scenario

Indian academy of neurology (IAN) neuro rehabilitation subsection jointly organised a wonderful Knowledge event on mild cognitive impairment challenges and solutions in indian scenario in collaboration with Indian federation of neurorehabilitation Indian speech-language-hearing association Alzheimer's and related society of India Mumbai chapter . This event was held On UN elderly day 1st of October 2021 where MCI , challenges in journey of vast MCI to AD conversion, MCI-VaD ,PD, FTD AD spectrum was well discussed across the interdisciplinary team of neurorehabilitation from rural vs urban perspectives. Biomarkers, state of art memory clinics, investigations, primary, secondary tertiary prevention and early identification, intervention In Indian MCI clinical scenario were discussed by the scholarly panellists.

This event was chaired by Professor Man Mohan Mehendiratta, Convener neuro rehab subsection IAN. It was moderated by Dr Apoorva pauranik Dr nirmal surya president if nr and president elect gave crisp inaugural address on MCI and neurorehabilitation India and introduced convenor ,moderator Mrs Shenoy who took the session ahead by introducing panellists. Renowned neuro psychiatrist Dr Ashutosh Chauhan, Pune Presented onpharmacological consideration and need of understanding mci Psychological and other morbidities in MCI. Professor Apoorva Pauranik presented about recent advances and imaging ,and other Biomarkers in Early identification and intervention of MCI. Ms Jwala Narayanan, Neuropsychologist from Bangalore enlightened the audience about important aspects of cognitive reserve, evaluations, precursors and markers in identifying psychological Psychiatric & cognitive dysfunctions in depressed vs clinically non depressed MCI and spectrum. Panel also discussed Vascular cognitive impairment MCI AD, PD, FTD, etc.

Neuro OT ,Dr Odette highlighted on social and physical activities, preventive aspects of MCI and life style functional changes ,Neuro PT , Dr Archana Ranade gave details of gait, physical and fine motor problems in MCI which get neglected and awareness of MCI.

Neuro SLP : Ms Sonal Chitnis ,presented holistic view on need of MCI, its early identification and intervention in elderly and current pandemic constraints in LMIC , bilingual population, cognitive reserve and resilience in neurorehabilitation of MCI. Also emphasized on strengthening teamwork and need of establishing tele memory clinics and Connecting rural and urban population to good network facilitating early identification and Indian solutions wrt MCI. <https://www.youtube.com/watch?v=Yx5iMYUz-TI>



The poster features five logos at the top: ARDSI (Alzheimer's & Related Disorders Society of India), a central logo with a brain and text, a green circular logo with a brain, a circular logo with a brain and text, and SMRITI VISHAM (Society for Memory and Related Disorders). The main title is 'Challenges and Management of Mild Cognitive Impairment with Reference to Vascular and Non-Vascular Dementia in India'. Below the title, it lists the date (Oct 1, 2021), time (6:00 - 7:00 pm), and a Zoom meeting link. The convener is Ms. Vidya Shenoy, Secretary General of ARDSI. The inauguration is by Dr. Nirmal Surya, President of IFNR. The chair is Prof. Man Mohan Mehendiratta. The panelists include a neurologist (Dr. Apurva Pauranik), a neuropsychiatrist (Dr. Ashutosh Chauhan), a neuropsychologist (Ms. Jwala Narayan), a neuro occupational therapist (Dr. Odette Gomes), a neuro physiotherapist (Dr. Archana Ranade), and a neuro speech language pathologist (Ms. Sonal Chitnis).

Challenges and Management of Mild Cognitive Impairment with Reference to Vascular and Non-Vascular Dementia in India

Date: Oct 1, 2021
Time: 6:00 - 7:00 pm
Meeting link: <https://us02web.zoom.us/j/81767427502>

Convener:
Ms. Vidya Shenoy, Secretary General, ARDSI
Alzheimer's & Related Disorders Society of India

Inauguration:
Dr. Nirmal Surya, President, IFNR
Indian Federation of Neuro Rehabilitation

Chair:
Prof. Man Mohan Mehendiratta

Esteemed Panelists:
Neurologist: **Dr. Apurva Pauranik**
Neuropsychiatrist: **Dr. Ashutosh Chauhan**
Neuropsychologist: **Ms. Jwala Narayan**
Neuro Occupational Therapist: **Dr. Odette Gomes**
Neuro Physiotherapist: **Dr. Archana Ranade**
Neuro Speech Language Pathologist: **Ms. Sonal Chitnis**



4. World Stroke day awareness program

IFNR with support from IAN and WFNR celebrated **World Stroke day** on 29th October. There was a clinically engaging and enlightening panel discussion on “comprehensive post stroke rehab :need of an hour” which was attended by Dr Dheeraj Khurana, Expert stroke neurologist, Abhishek Srivastava, Dr Urvashi Shah, Dr Mani kandan Chockalingam, Dr John Solomon, Dr Akila Rajappa, Dr Biplab Das. This interdisciplinary team of experts in Stroke Rehabilitation discussed increased risk of stroke in COVID 19, Difficulties and solutions to stroke survivors and their caregivers to receive timely stroke treatment, rehabilitation from different interdisciplinary perspectives in Indian scenario. Panel also discussed current risk factors of Cerebrovascular disorders, role of Govt, NGOs, Indian stroke Support group and IFNR IAN, ISA collaborative future endeavours and feasibility as well as awareness campaign.

IFNR World Stroke Day Webinar

WFNR
World Federation for
Neurorehabilitation

25
YEARS
ANNIVERSARY



29th October
5.00 - 6.30 pm

Moderator



Dr Nirmal Surya

Panelist

Dr Dheeraj Khurana



Dr Abhishek Srivastava



Dr Urvashi Shah



Panel discussion

Dr Manigandan Chockalingam



Comprehensive Post Stroke Rehab: Need of the Hour

Dr John Solomon



Dr Akhila Rajappa

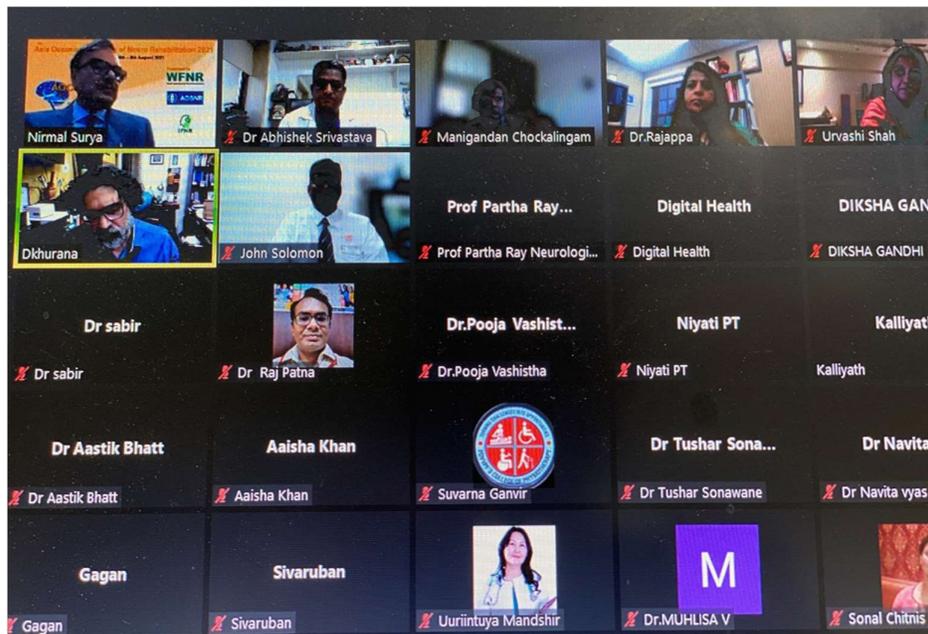


Dr Biplab Das



Join Webinar

<https://us02web.zoom.us/j/81115434706>





4th Asia Oceanic Congress of Neuro Rehabilitation 2021
AOCNR 2021
 Friday – Sunday, 6th – 8th August 2021

A mega virtual event, encompassing all aspects of the multidisciplinary approach to Neuro Rehabilitation

An academic feast which includes

- ✓ Hand's-on Workshops
- ✓ Lectures by world renowned expert international and national faculty
- ✓ Symposia
- ✓ E-Posters
- ✓ Young Fellowship Awards
- ✓ Public Forums
- ✓ Rehabilitation Quiz

REGISTER NOW

Avail Early Bird Discount !!



Endorsed by
WFNR World Federation for NeuroRehabilitation
AOSNR
IFNR

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Have a query ?

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4th Asia Oceanic Congress of Neuro Rehabilitation 2021
 Friday – Sunday, 6th – 8th August 2021

The mega virtual multidisciplinary event with global audience

Submit your abstracts for
E-Poster Session
 Submission ends **15th June 2021**

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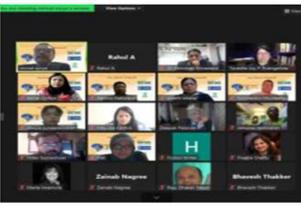
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Day 1: Friday, 6th August 2021

	Hall 1	Hall 2	Hall 3	Hall 4	Hall 5
09:00 AM					
10:00 AM	Paediatric Rehab 09:30 AM to 01:00 PM Co-ordinators: Ananta Udawadia-Hegde, India Koyell Sengupta, India	Botulinum Toxin in Post-Stroke Spasticity 09:30 AM to 01:00 PM Co-ordinator: Raymond Rosales, Philippines	Autonomic Rehab 09:30 AM to 01:00 PM Co-ordinator: Ellen Merete Hagen, UK	Research Methodology in Neurorehab 09:30 AM to 01:00 PM Co-ordinator: Susan Hillier, Australia	Telerehab 09:30 AM to 01:00 PM Co-ordinator: Paolo Tonin, Italy
11:00 AM					
12:00 PM					
1:00 PM	Break and Council Meeting 01:00 PM to 01:30 PM	Break and Council Meeting 01:00 PM to 01:30 PM	Break and Council Meeting 01:00 PM to 01:30 PM	Break and Council Meeting 01:00 PM to 01:30 PM	Break and Council Meeting 01:00 PM to 01:30 PM
2:00 PM	Aqua Therapy 01:30 PM to 05:00 PM Co-ordinator: Brinda Merchant, India	Rehab Robotics 01:30 PM to 05:00 PM Co-ordinator: Hermano Igo Krebs, USA	Workshop Neuromodulation Rehab 01:30 PM to 05:00 PM Co-ordinator: Wayne Feng, USA	Evidence-Based Medicine and Cochrane Reviews for Neurorehabilitation A workshop organized by the WFNH jointly with Cochrane Rehabilitation 01:30 PM to 05:00 PM Co-ordinator: Thomas Platz, Germany	Community based Rehabilitation: Role for Neurorehabilitation and conditions in different Asian Oceanian Countries 01:30 PM to 05:00 PM Co-ordinator: Alessandro Giustini, Italy
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Timeline Chart: Adaptive Algorithm

REC (LIVE)

Clinical application of repetitive transcranial magnetic stimulation in stroke rehabilitation

Journal Club, January 10th, 2024, 10:00 AM - 11:00 AM, Room 201, Level 201, 1000 University Ave, Toronto, ON M5S 1A5

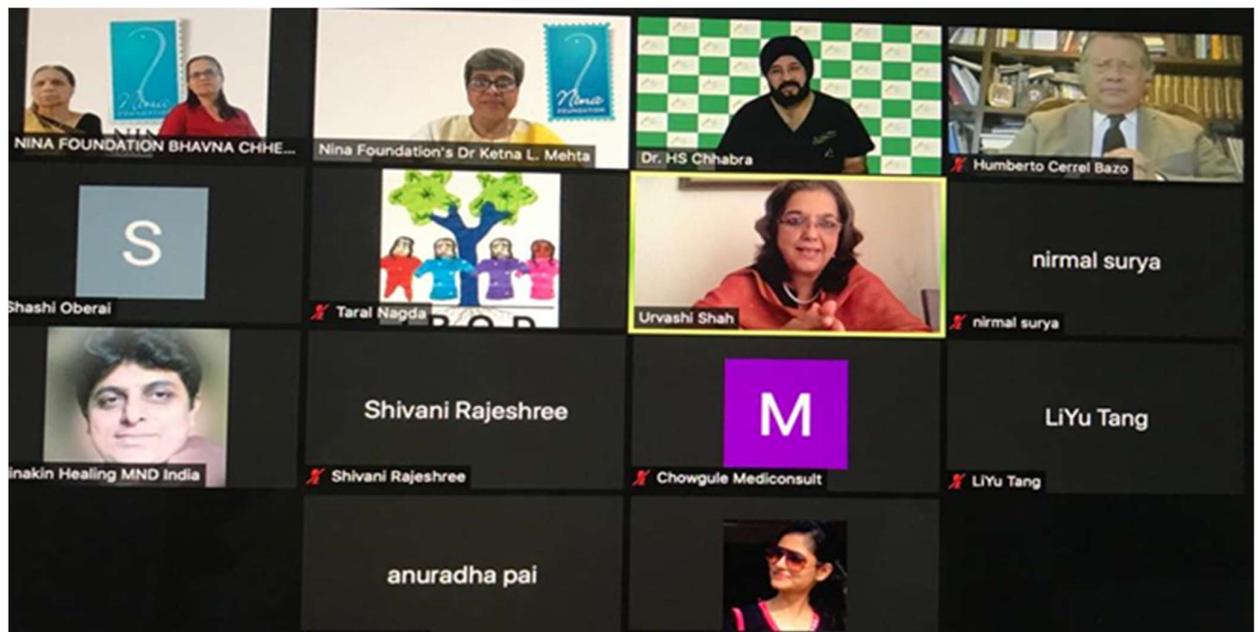
- Motor
- Speech
- Aphasia
- PDAs
- Neglect
- Poststroke depression
- Dysphagia
- Cognitive
- Epilepsy

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Day 2 - Saturday, 7th August 2021

	Hall 1	Hall 2	Hall 3	Hall 4	Hall 5
09:00 AM		Symposium on Epilepsy and Disability 09:00 AM to 10:30 AM	Symposium of Indian Association of Physiotherapy (IAP) 09:00 AM to 10:30 AM	Symposium on Dementia 09:00 AM to 10:30 PM	Motor Neurone Disease 09:00 AM to 10:30 AM
10:00 AM	Experience of COVID 19 & Neurorehabilitation Symposium 09:00 AM to 12:30 PM	Symposium on Outcome Measures in Neurorehabilitation 10:30 AM to 11:30 PM	Symposium of Indian Speech and Hearing Association, Maharashtra (MISHA) 10:30 AM to 12:00 PM	Symposium on Disability Assessment and Certification 10:30 AM to 12:00 PM	
11:00 AM		Symposium on Activities of Daily Living 11:30 AM to 12:30 PM	Invited Guest Lecture 12:00 PM to 12:30 PM	Invited Guest Lecture 12:00 PM to 12:30 PM	Parkinson's Disease 10:45 AM to 12:15 PM
12:00 PM	Presidential Oration 12:30 PM to 01:15 PM				
01:00 PM	Break and AOSNR AGM 01:15 PM to 02:00 PM	Break and AOSNR AGM 01:15 PM to 02:00 PM	Break and AOSNR AGM 01:15 PM to 02:00 PM	Break and AOSNR AGM 01:15 PM to 02:00 PM	Spinal Cord Injury 12:30 PM to 02:00 PM
02:00 PM	Experience of COVID 19 & Neurorehabilitation Symposium 02:00 PM to 03:30 PM	Symposium on Multiple Sclerosis 02:00 PM to 03:30 PM	Symposium of Indian Association of Physical Medicine and Rehabilitation (IAPMR) 02:00 PM to 03:30 PM	Symposium on Neuromuscular Disorders 02:00 PM to 03:30 PM	Break 02:00 PM to 02:30 PM
03:00 PM	Break 03:30 PM to 04:00 PM	Break 03:30 PM to 04:00 PM	Break 03:30 to 04:00 PM	Break 03:30 PM to 04:00 PM	Dementia 02:30 PM to 04:00 PM
04:00 PM	KEYNOTE ADDRESS 04:00 PM to 04:30 PM	Symposium on Telerehabilitation 04:00 PM to 05:30 PM	Symposium of Neurorehab Subsection of Indian Academy of Neurology 04:00 PM to 05:30 PM	Symposium on Information Technology and Neurorehabilitation 04:00 PM to 05:30 PM	Break 04:00 PM to 04:30 PM
05:00 PM	Symposium on Holistic Rehabilitation 04:30 PM to 06:00 PM	Symposium on Cognitive Rehabilitation 05:30 PM to 06:30 PM	Symposium on Setting Neurorehabilitation Services 05:30 PM to 06:30 PM	Symposium on Motor Neurone Disease 05:30 PM to 06:30 PM	Traumatic Brain Injury 04:30 PM to 06:00 PM
06:00 PM	INR Oration				





	Hall 1	Hall 2	Hall 3	Hall 4	Hall 5
9:00 AM	Symposium on Movement Disorders 09:00 AM to 10:30 PM	Rehabilitation in Intensive Care Unit 09:00 AM to 10:30 AM	Symposium of Indian Speech and Hearing Association (ISHA) 09:00 AM to 10:30 AM	Symposium on Parkinson's Disease 09:00 AM to 10:30 PM	
10:00 AM		Invited Guest Lecture 10:30 AM to 11:00 AM			Stroke 09:00 AM to 11:00 AM
10:30 AM	Spinal Cord Injury Symposium 10:30 AM to 12:00 PM	Symposium on Speech and Swallowing Rehabilitation 11:00 AM to 12:00 PM	Symposium of Orthotic and Prosthetic Association of India (OPA) 10:30 AM to 12:00 PM	Symposium on Dance, Art and Music Therapy 10:30 AM to 12:00 PM	
12:00 PM	Symposium on Gait Disorder Rehabilitation 12:00 PM to 01:30 PM	Traumatic Brain Injury Rehab Symposium 12:00 PM to 01:30 PM	Symposium of All India Occupational Therapy Association (AIOTA) 12:00 PM to 01:30 PM	Symposium on Traditional Therapies in Rehabilitation 12:00 PM to 01:30 PM	Cerebral Palsy 11:30 AM to 01:00 PM
01:30 PM	Break 01:30 PM to 02:00 PM	Break 01:30 PM to 02:00 PM	Break 01:30 PM to 02:00 PM	Break 01:30 PM to 02:00 PM	Break 01:30 PM to 02:00 PM
02:00 PM	Symposium on Cerebral Palsy 02:00 PM to 03:30 PM	Symposium on Stroke Reheb (1) 02:00 PM to 03:30 PM	Symposium by Neurological Society of India (NSI) 02:00 PM to 03:30 PM	Symposium on Pain Management 02:00 PM to 03:30 PM	Multiple Sclerosis 02:00 PM to 03:30 PM
03:30 PM	ADCNR Rehabilitation Quiz 03:30 PM to 04:30 PM	Break 03:30 PM to 04:30 PM	Break 03:30 PM to 04:30 PM	Break 03:30 PM to 04:30 PM	Break 03:30 PM to 04:30 PM
04:30 PM	Invited Guest Lecture 04:30 PM to 05:30 PM	Symposium on Stroke Reheb (2) 04:30 PM to 06:30 PM	Symposium on Disorder of Consciousness 04:30 PM to 06:00 PM	Invited Guest Lecture 04:30 PM to 06:30 PM	Epilepsy 04:30 PM to 06:30 PM
05:30 PM	AODNS Fellowship Award Presentation 05:30 PM to 06:30 PM		Invited Guest Lecture 05:30 PM to 06:30 PM Neurological Function		





ABHISHEK SRIV...
 ABHISHEK SRIVASTAVA | Heriberto Cruz | Bhavesh Thakker | Keerthi Rao | Nirmal Surya | Soumya phanendra

Table 1.
 Diagnostic criteria for critical illness polyneuropathy, critical illness myopathy, and critical illness polyneuropathy as modified from Bolton et al. (10), Lacomis et al. (11)

Critical Illness Polyneuropathy (CIP)	Critical Illness Myopathy (CIM)	Critical Illness Polyneuropathy
1. Critical illness	1. Critical illness	Concomitant clinical, electrophysiological, and/or histopathological features of both axonal polyneuropathy and myopathy
2. Limb weakness or difficulty weaning from ventilator (following nonneuromuscular causes excluded)	2. Limb weakness or difficulty weaning from ventilator (following nonneuromuscular causes excluded)	
3. Electrophysiological evidence of motor and sensory polyneuropathy with axonal (rather than demyelinating) features	3. Compound muscle action potentials (CMAP) less than 80% lower limit of normal in at least two nerves without conduction block; CMAP duration increased on nerve or direct muscle stimulation	
4. Absence of abnormal response on repetitive nerve stimulation	4. Sensory nerve action potentials (SNAP) are greater than 80% of lower limb of normal	
5. Absence of other neuromuscular disorder that better accounts for the above findings	5. Needle electromyography shows myopathic potentials with early or normal recruitment in awake collaborative patients	
Definite diagnosis if all five criteria above are met; probable diagnosis if 1, 3, 4, and 5 are met	6. Absence of abnormal response to repetitive nerve stimulation	
	7. Muscle biopsy with evidence of myopathy (e.g. myosin loss or muscle necrosis)	
	8. Absence of other neuromuscular disorder that better accounts for the above findings	
	Definite diagnosis if all eight criteria met; probable if 1 and 3–6 and 8 are met	

With ARDS in general
 - Higher rates of CIP 25%–46%
 - Higher rates of CIM 48%–96%

Neurorehabilitation Initiative of the Year Award IANCON

28 th Annual Conference of Indian Academy of Neurology IANCON-2020-21 Bengaluru 11 th - 14 th November 2021 <small>Organized by: Department of Neurology, National Institute of Mental Health and Neurosciences, Bengaluru AND Bangalore Neurological Society Co-host: Indian Academy of Neurology</small>	
Neuro Rehabilitation Award Session	
Topic	Speaker
Dementia Application For Diagnosis & Tracking (DADT)	Soubhik Das
Indigenous Distal Upper Limb Robotic Therapy In patients With Stroke	Megha Saini
Artificial Intelligence Based Rehabilitation Application	Akshay
Machine Vision Therapy (MIRA) System For Automatic Monitoring and Qualification Of Therapy Sessions	Dorcas Gandhi
Novel Customisable, Therapeutic Tool Using The Power Of Music: Memory Karaoke To Reminisce , Retain, Recall	Vidya Shenoy
Plug-and-Train Robot(PLUTO) For Hand Neurorehabilitation	Shivakumar Balasubramanian



Publications



Education, Training, and Practices of Neurorehabilitation in India During the COVID-19 Pandemic

Nirmal Surya^{1,2*}, Abhishek Srivastava³, Taral Nagda⁴, Deepak Palande⁵ and Hitav Someshwar⁶

¹ Epilepsy Foundation India, Mumbai, India, ² Bombay Hospital, Mumbai, India, ³ Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute, Mumbai, India, ⁴ Society for Rehabilitation and Care of Children Hospital, Mumbai, India, ⁵ Grant Medical College and Sir Jamshedjee Jeejeebhoy Group of Hospitals, Mumbai, India, ⁶ KJ Somaiya College of Physiotherapy, Mumbai, India



Tele-Neurorehabilitation During the COVID-19 Pandemic: Implications for Practice in Low- and Middle-Income Countries

Abhishek Srivastava¹, Aishwarya Swaminathan², Manigandan Chockalingam³, Murall K. Srinivasan⁴, Nirmal Surya^{5*}, Partha Ray⁶, Prasanna S. Hegde⁷, Preetie Shetty Akkunje⁸, Sanjivani Kamble⁹, Sonal Chitnis¹⁰, Sureshkumar Kamalakannan¹¹, Suvama Ganvir¹², Urvashi Shah¹³ and the Indian Federation of Neurorehabilitation (IFNR) Research Task Force

OPEN ACCESS

Consensus Statement on Neurorehabilitation during COVID-19 Times: Expert Group on Behalf of the Indian Federation of Neurorehabilitation (IFNR)

Rajinder K. Dhamija, Abhishek Srivastava¹, Sonal Chauhan², Urvashi Shah³, Taral Nagda⁴, Deepak Palande⁵, Sonal Chitnis⁶, P. S. Dantala⁷, John M. Solomon⁸, S. Murali Krishnan⁹, Hitav Someshwar¹⁰, Nirmal Surya¹¹

Department of Neurology, Lady Hardinge Medical College and SSK Hospital, New Delhi, ¹Centre for Physical Medicine and Rehabilitation, Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute, Mumbai, Maharashtra, ²Department of Physical Medicine and Rehabilitation, Lady Hardinge Medical College and SSK Hospital, New Delhi, ³Center for Neuropsychology Studies, Department of Neurology, KEM Hospital, Mumbai, Maharashtra, ⁴Department of Pediatric Orthopaedics, NH SRCC Children's Hospital, Mumbai, Maharashtra, ⁵Department of Neurosurgery, Sir J J Hospital and Grant Government Medical College, Mumbai, Maharashtra, ⁶School of Audiology Speech and Language Pathology, Bharati Vidyapeeth (DU) Medical College, Pune, Maharashtra, ⁷Department of Orthotics, Dhyani Health Care, Mumbai, Maharashtra, ⁸Department of Physiotherapy, Manipal College of Health Professions, Manipal Academy of Higher Education, Karnataka, ⁹Faculty of Occupational Therapy, Meenakshi Academy of Higher Education and Research, Chennai, Tamil Nadu, ¹⁰Department of Neurophysiotherapy, KJ Somaiya College of Physiotherapy, Mumbai, Maharashtra, ¹¹Indian Federation of Neurorehabilitation, Surya Neuro Centre, Mumbai, Maharashtra, India