

BHARATI VIDYAPEETH (Deemed to be University)

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M.A.,LL.B., PhD.

Ref. No.:-BV(DU)/MC/ASLP/512/2021-22

Date-28/09/2021

To,

Mr. Subodh Kumar Member Secretary Rehabilitation Council of India, B-22, Qutab Institutional Area, New Delhi-110016.

<u>Sub:</u> Report of National level RCl CRE webinar: Practical Approach to Assessment and Management of Vestibular Disorders

Ref: Your letter No. F.No.7-16 (275)/2021-RCI.

Sir.

Thank you for approval of National level RCI CRE webinar on 'Practical Approach to Assessment and Management of Vestibular Disorders'. As per approved proposal, the webinar was conducted on 3 days from 16th to 18th August 2021 (4 hours daily). The webinar was conducted as per guidelines recommended by RCI and MCQ based tests were administered through google form after each session. Mrs. Raksha Deshpande, zonal co-ordinator of RCI attended and monitored the program. 105 participants across India and abroad attended the sessions.

Please find attached a report including the details of the program, registration list of participants, feedback from participants and attendance sheet of participants.

Thanking you

Yours Sincerely

Dr. C. S. Vanaja Principal

Bharati Vidyapeeth
(Deemed to be University)
School of Auditor

School of Audiology & Speech Language Pathology Pune-Satara Road, Pune-43.

RCI No.- A05461

Practical Approach to Assessment and Management of Vestibular Disorders

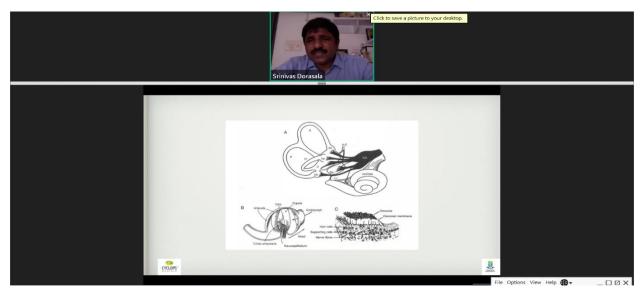
Day 1

Multidisciplinary Approach to Assessment and Management of Vestibular disorders



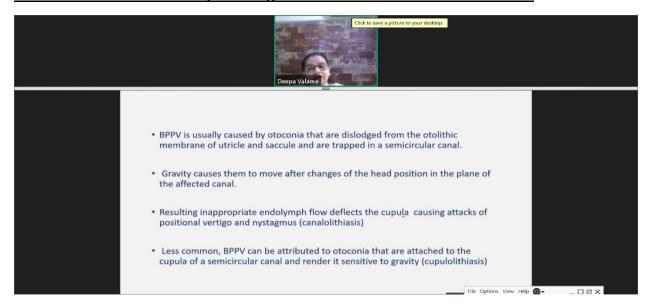
Dr. C. S. Vanaja welcomed all the participants for the webinar and gave an introductory session on how multidisciplinary approach is important towards assessment and management of vestibular disorders. She also talked about team members involved and the role of each professional for the assessment and management of different vestibular disorders.

Core concepts and laws in vestibular physiology



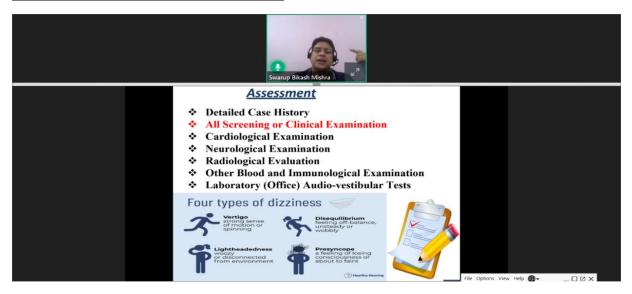
Dr. Srinivas Dorasala explained the different functions of vestibular system. He highlighted on the coordination of vestibular, visual and proprioceptive system to achieve stable vision as well as postural stability.

Need of detailed case history and diagnostic criteria for vestibular disorders



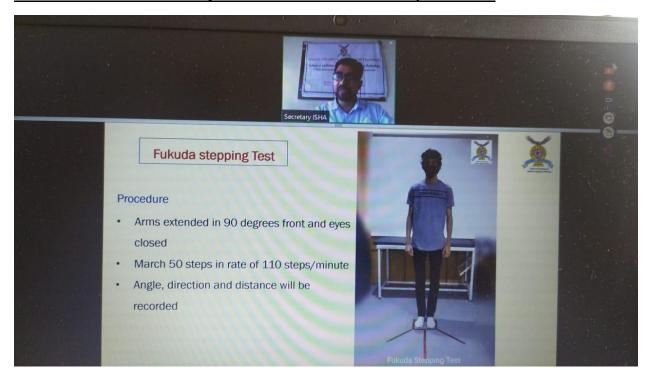
Dr. Deepa Valame addressed the participants about importance of taking detailed case history and how it helps to differentially diagnose vestibular disorders. She also high lightened importance of correlating case-history and clinical examination findings using diagnostic criteria while formulating provisional diagnosis and appropriate referrals.

Screening tools used in clinical practice



Mr. Swaroop Bikash Mishra discussed the different screening tools which can be used to check presence or absence of any vestibular pathology and further he spoke about how it can guide audiologists in selecting appropriate diagnostic test battery.

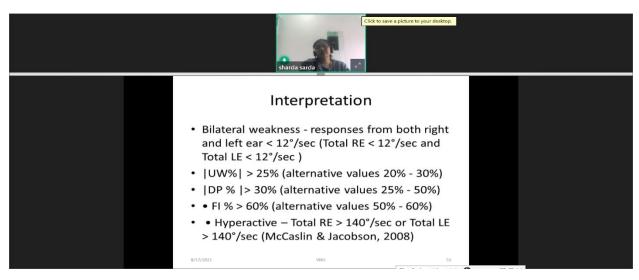
Video demonstration of subjective vestibular assessment procedures



Mr Anuj Kumar Neupane demonstrated the different subjective vestibular tests with the help of videos and he also discussed rationale, procedure and interpretation of each test. Tests discussed included spontaneous nystagmus test, head impulse test, head shake nystagmus test, hyperventilation induced nystagmus test, valsalva induced nystagmus test.

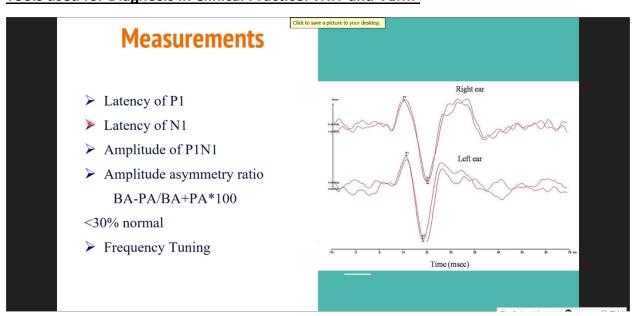
Day 2

<u>Tools used for Diagnosis in Clinical Practice: VNG</u>



Dr. Sharda Sarda discussed about importance and advantages of videonystagmography for assessment of vestibular disorders. She explained in detail about subtests of VNG with clinical implication. She highlighted about how VNG test battery helps to differentiate between peripheral vs central pathology.

Tools used for Diagnosis in Clinical Practice: vHIT and VEMP



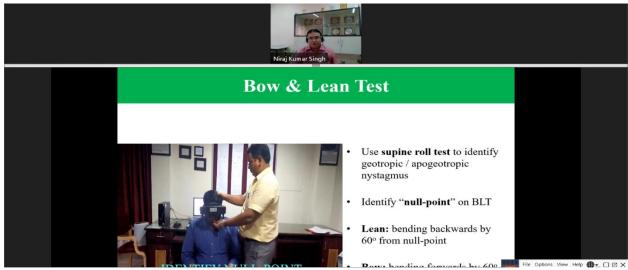
Dr. Sujeet Kumar Sinha explained in detail about rationale, procedure and interpretation of c-VEMP, o-VEMP and v-HIT test. He is also discussed pros- cons and clinical implementation of each test procedure.

<u>Diagnosis and management of Meniere's disease and Superior semicircular canal</u> dehiscence



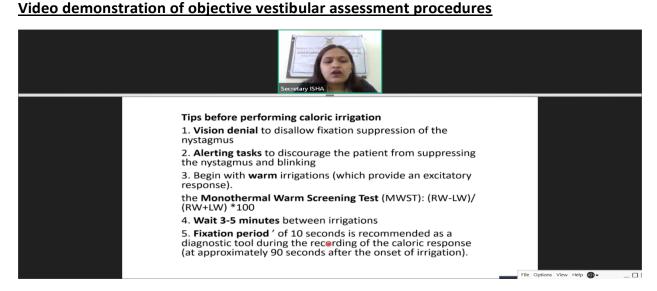
Dr. Gauri Belsare spoke about pathophysiology and clinical features of Meniere's disease and Superior semicircular canal dehiscence. She explained in detail about test battery involved for the assessment of these disorders. She also elaborated on management from medical point of view for these disorders.

Diagnosis and management of Benign paroxysmal positional vertigo



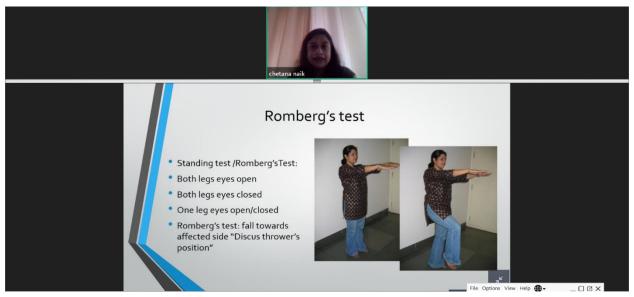
Dr. Niraj Kumar Singh elaborated on pathophysiology, sign and symptoms of Benign paroxysmal positional vertigo. He further discussed and described tests involved for diagnosis of BPPV and interpretation of each. He also demonstrated various maneuvers given as a part of management for BPPV.

Day 3



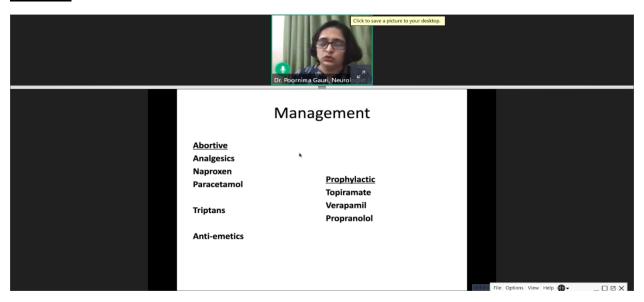
Mrs. Shweta Mundada demonstrated different objective vestibular tests with the help of videos and she also discussed rationale, procedure and interpretation of each test. Tests discussed included were c-VEMP, o-VEMP, caloric test, gaze test, optokinetic test, smooth pursuit test, dix-hallpike test.

Diagnosis and management of Labyrinthitis, vestibular neuritis and vascular loops



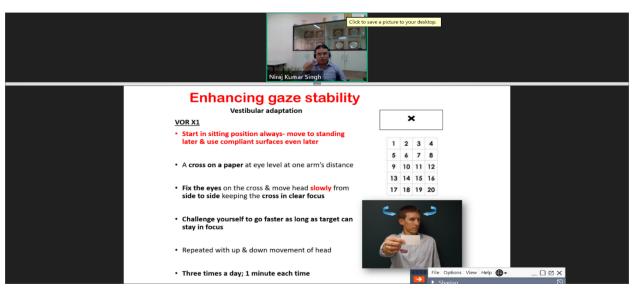
Dr. Chetana Naik spoke about pathophysiology and clinical features of labyrinthitis, vestibular neuritis and vascular loops. She explained in detail about test battery involved for the assessment of these disorders. She also elaborated on management from medical point of view for these disorders.

<u>Diagnosis and management of Vestibular Migraine and Persistent postural- perceptual</u> dizziness



Dr. Poornima Gauri explained about terminology, pathophysiology, sign and symptoms of Vestibular Migraine and Persistent postural- perceptual dizziness. She also discussed about diagnosis and management of Vestibular Migraine and Persistent postural- perceptual dizziness.

Comprehensive Diagnosis and rehabilitation of vestibular disorders

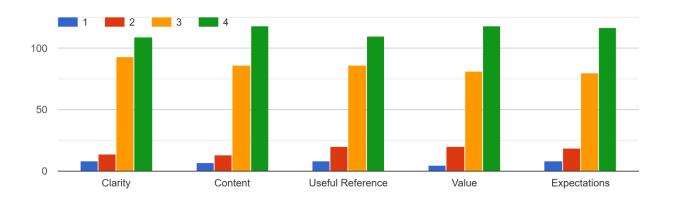


Dr. Niraj Kumar Singh enlightened about how to differentially diagnosis between different vestibular disorders using a test battery approach to arrive at a diagnosis for patients with complaint of vertigo/ dizziness. He also described and demonstrated various maneuvers for rehabilitation of vestibular disorders.

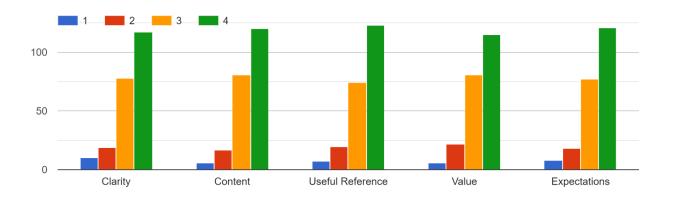
Practical Approach to Assessment and Management of Vestibular Disorders

Evaluation of feedback

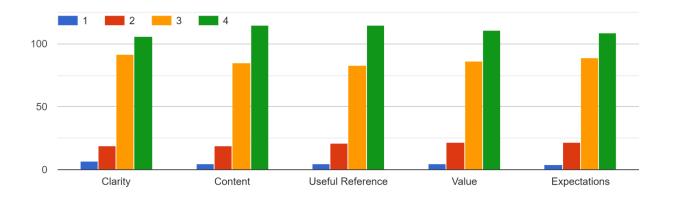
Core concepts and laws in vestibular physiology



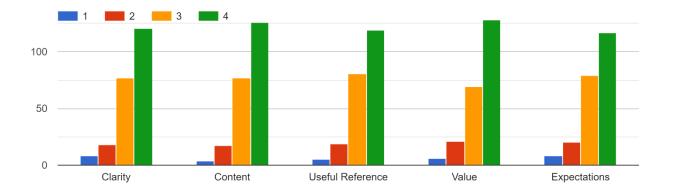
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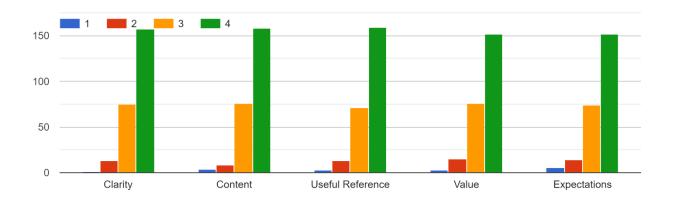
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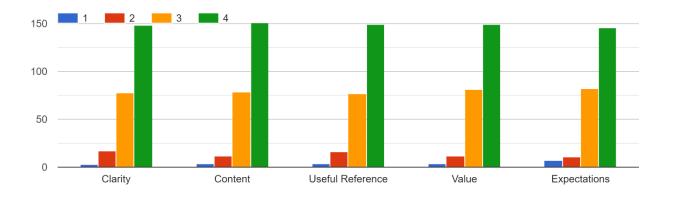
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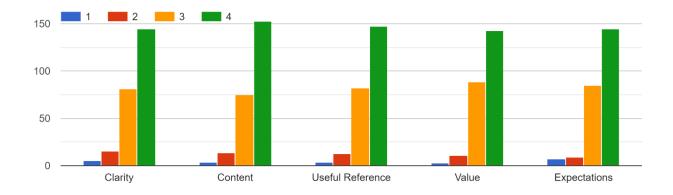
Tools used for Diagnosis in Clinical Practice: VNG



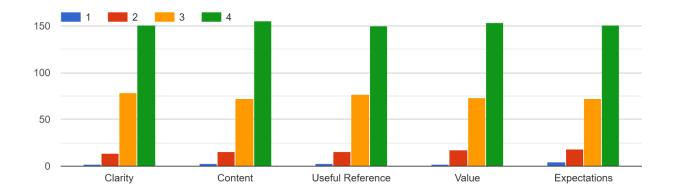
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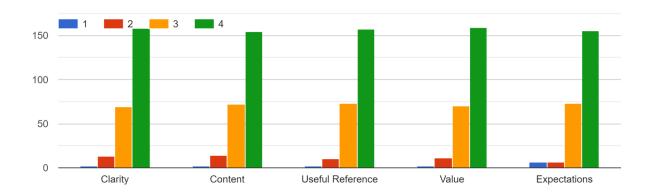
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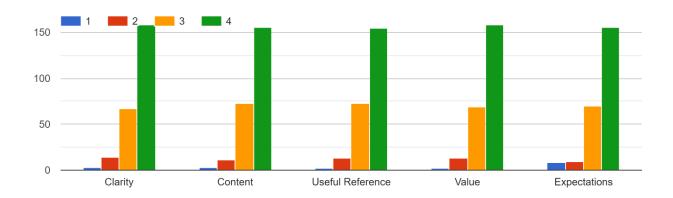
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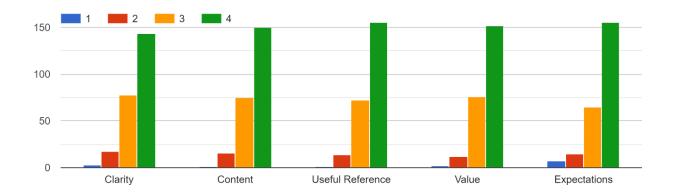
Video demonstration of objective vestibular assessment procedures



Diagnosis and management of Labyrinthitis, vestibular neuritis and vascular loops



Diagnosis and management of Vestibular Migraine and Persistent postural perceptual dizziness



Comprehensive Diagnosis and rehabilitation of vestibular disorders

