



SGT UNIVERSITY
SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved) Gurugram, Delhi-NCR

Name of the Faculty: Behavioural Sciences

Name of the Event: International Webinar on “Screening for Cognitive Impairment: Indian Experience”

Type of Event: Webinar

Date: 5th July 2021

Time: 05:15 pm (onwards)

Venue: Online (Zoom)

Organizers: The Faculty of Behavioral Sciences

Objective: ‘Screening for Cognitive Impairment’ while also giving it a comprehensive Indian view.

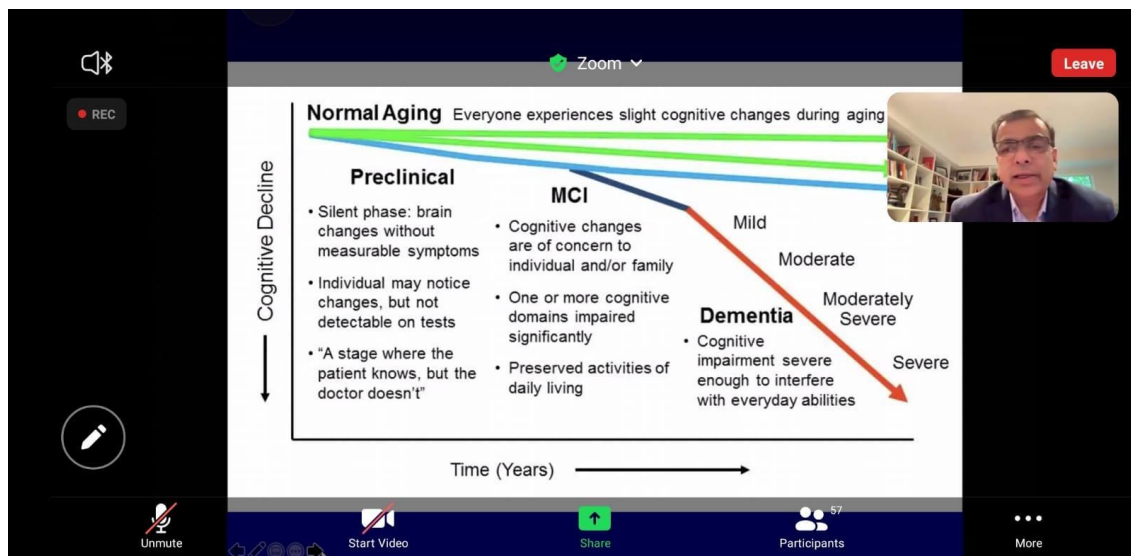
Audience: All students and faculty members.

About the Speaker/Guest: Mr. Joe Verghese, Professor of Neurology and Medicine, Chief, Integrated Divisions of Cognitive and Motor Aging and Geriatrics, Murray D Gross Memorial Faculty Scholar in Gerontology, Founding Director, Montefiore – Einstein Centre for the Aging Brain, Departments of Neurology and Medicine, Bronx, New York, USA.

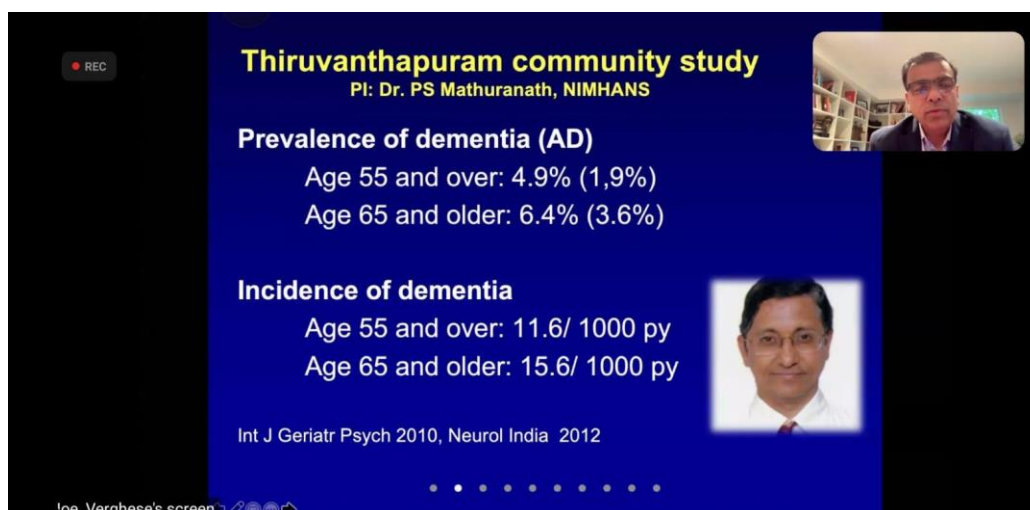
About the Event: Faculty of Behavioural Sciences organised an International Webinar on “Screening for Cognitive Impairment: Indian Experience”.

Faculty of Behavioural Sciences at SGT University commenced their International Webinar on “Screening for Cognitive Impairment: Indian Experience” with a introduction and a welcome note given by Dr. (Prof.) Waheeda Khan ma’am, Dean, Faculty of Behavioural Sciences to our guest speaker of the day— Mr. Joe Verghese, Professor of Neurology and Medicine, Chief, Integrated Divisions of Cognitive and Motor Aging and Geriatrics, Murray D Gross Memorial Faculty Scholar in Gerontology, Founding Director, Montefiore – Einstein Centre for the

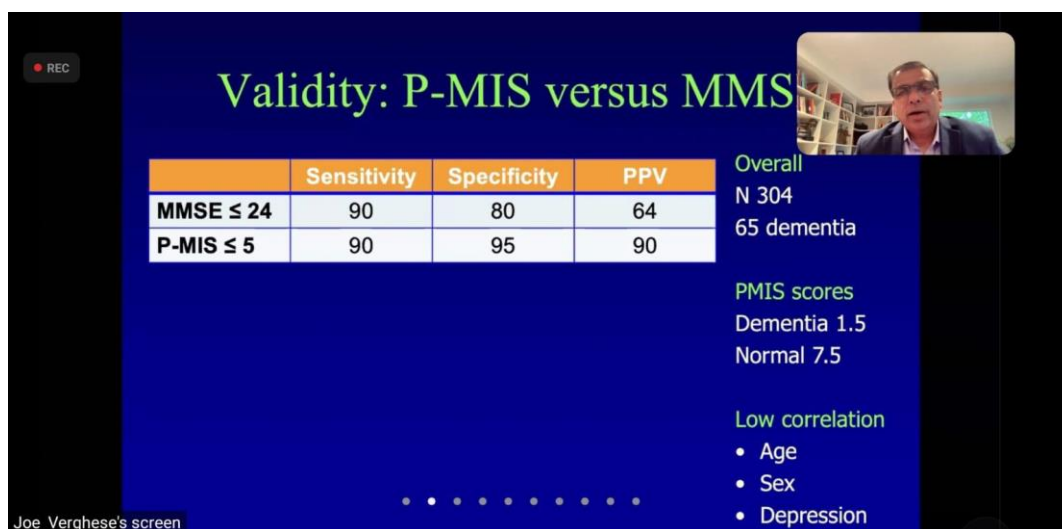
Aging Brain, Departments of Neurology and Medicine in Bronx, New York, USA. Mr. Verghese began by educating us about the background of Cognitive Impairment and how it affects the geriatric population. He then moved on with information on links between dementia and its prevalence rate, how it affects normal ageing and its directly proportional relationship with the increase in age of an individual.



Furthermore, there were discussions on the various brief screening tests available for cognitive impairment. Commonly used tests include the Mini-Mental State Examination as well as the 'clock-drawing test'. Screening tests generally involve asking patients to perform a series of tasks that assess one or more aspects of cognitive function.



To add the familiarity of context and understanding, the Indian experience of testing and evaluation done by Mr. Verghese and his colleague, Dr. PS Mathuranath, from NIMHANS was introduced. They factored in the prevalence and incidence rate of dementia in people between the age of 55 and 65.



Validity: P-MIS versus MMS

	Sensitivity	Specificity	PPV
MMSE ≤ 24	90	80	64
P-MIS ≤ 5	90	95	90

Overall
N 304
65 dementia

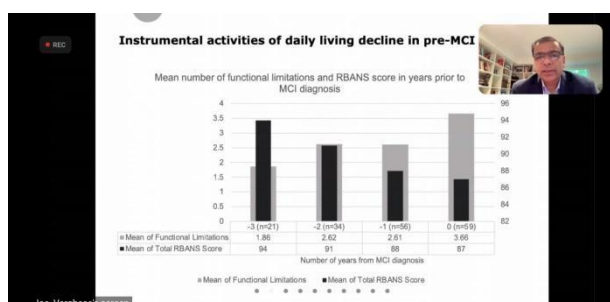
PMIS scores
Dementia 1.5
Normal 7.5

Low correlation

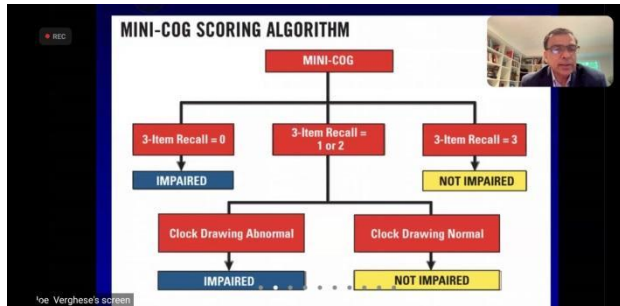
- Age
- Sex
- Depression

Joe Verghese's screen

Mr. Verghese shared with us how the mini-cognition scoring algorithm works and shared some data statistics that support the studies that he has been carrying out in the US.



The session was then concluded by our moderator, Ms. Aastha Dhingra, Assistant Professor at SGT University who thanked our resource person, Mr. Joe Verghese for sharing his intellectual



words and imparting us all the knowledge of Screening for Cognitive Impairments and giving it a holistic Indian experience with elaborative examples and effective research findings.

Snapshots of the event:

MPEG Streamclip 1.9.2 © 2004-2008 Squared 5

International Webinar.mp4

JOE VERGHESE, MBBS, MS

- + Professor of Neurology & Medicine
- + Chief, Integrated Divisions of Cognitive & Motor Aging and Geriatrics
- + Murray D Gross Memorial Faculty Scholar in Gerontology,
- + Founding Director, Montefiore-Einstein Center for the Aging Brain
- + Departments of Neurology and Medicine, Albert Einstein College of Medicine,

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Joe Vergheese's screen

Screening for Cognitive Impairment: Indian experience

Joe Vergheese, MBBS, MS.

Integrated Divisions of
Cognitive & Motor Aging (Neurology)
& Geriatrics (Medicine)
Albert Einstein College of Medicine,
Montefiore Medical Center
Bronx, NY

Joe Vergheese's screen

REC

WHO SCREENS?





Aastha