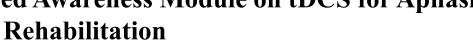




Development of a Video-Based Awareness Module on tDCS for Aphasia





Swathi Chinnasamy¹, Satyapal Puri Goswami²

INTRODUCTION



tDCS- safe, tolerable, adjunct technique in aphasia treatment



Visual-based awareness material – enhances awareness –PWA; caregivers

NEED FOR THE STUDY

Limited studies - tDCS for aphasia in India

Lack of awareness – (Chinnasamy & Goswami, 2025)

Diverse perception neuromodulation

AIM

To develop and validate a video-based awareness material on tDCS for PWA and their caregivers

METHOD





Development-Video material

OUESTIONNAIRE & Very often

Phase II

Content validation

Phase III

Pilot study

Phase I- Development of Video material

Step 1: Review of Literature



Finalizing contents

Step:



Step 3: Video development

Contents

Introduction, mechanism, team members, candidacy, demonstration, treatment course, possible temporary side effects, and therapy benefits.

Phase II- Content Validation

Neuro logists



Neuropsy chiatrists



SLPs

Phase III- Pilot study

Likert scale: Clarity; Comprehensibility; Relevance; suggestions - 5 PWA & Caregivers

RESULTS & DISCUSSION

- CVI=0.82 (Good agreement)
- High comprehensibility (n = 8); clarity (n = 9) and relevance (n = 10)
- Suggestion: In-person discussion and FAQ segment

CONCLUSION

Preliminary, but meaningful step in awareness Enhances clinical

utility

