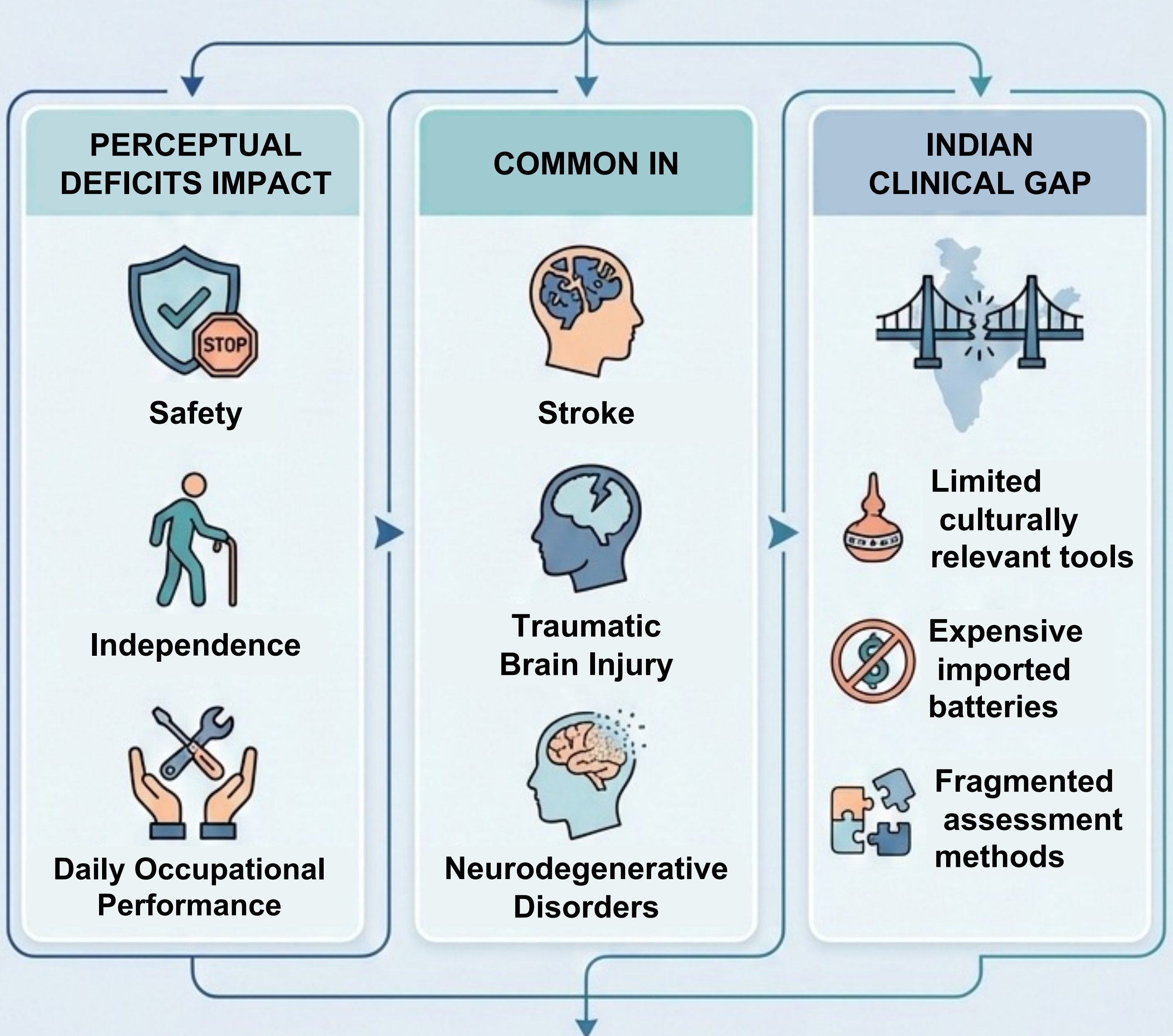


# PERCEPTUAL DEFICITS IN NEUROLOGICAL CONDITIONS: INDIAN GAP & A PRACTICAL SOLUTION

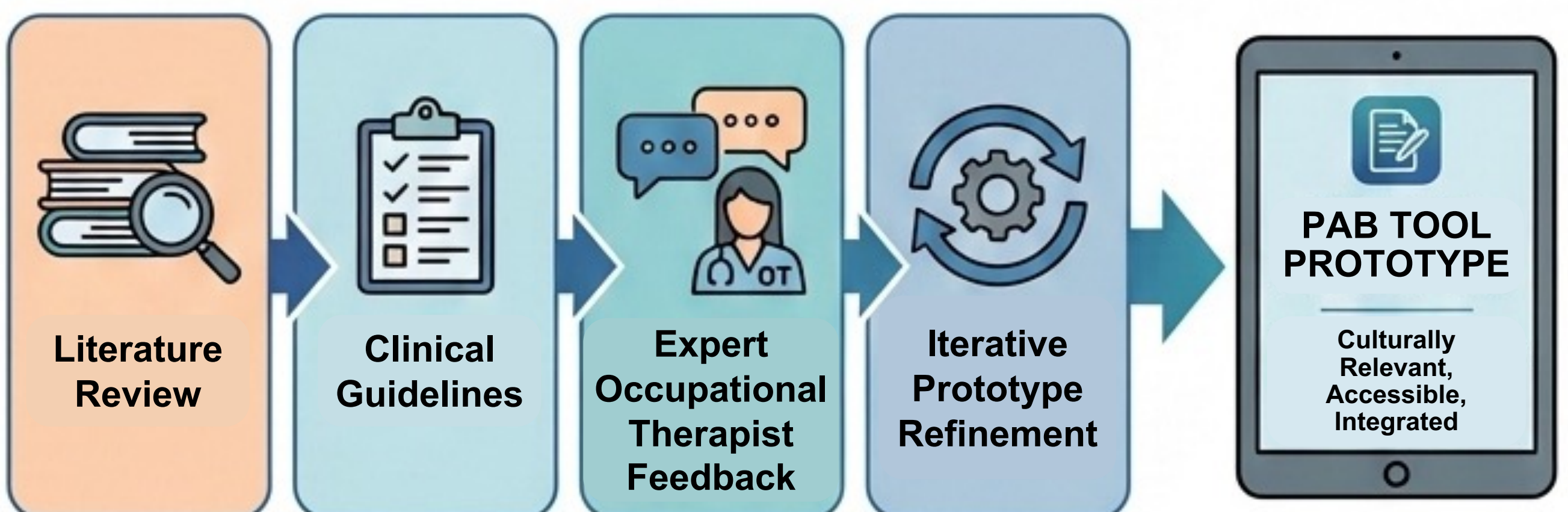
Dr. Vaishnavi Hiren Joshi  
Assistant Professor



JSS Faculty of Occupational  
Therapy, Mysuru, India



## RESPONSE - DEVELOPMENT OF PAB



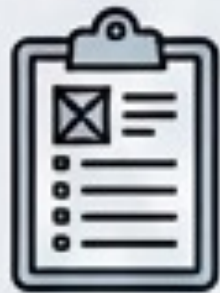
PAB: Perceptual Assessment Battery

# PERCEPTUAL ASSESSMENT BATTERY (PAB): COMPREHENSIVE DOMAIN-WISE EVALUATION

## PAB - MANUAL AND PAPER-PENCIL KIT



Flashcards



Structured  
Test Items



Individualized  
Scoring

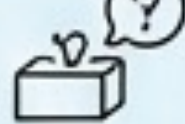







Standardized  
Procedures

## FOUR MAJOR DOMAINS

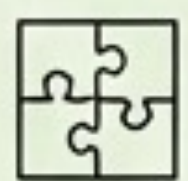
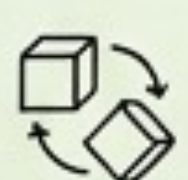
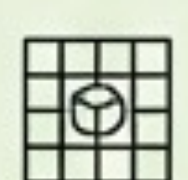




### A. VISUAL PERCEPTION DISORDERS

1. Agnosia 
2. Color agnosia 
3. Color anomia 
4. Metamorphopsia 
5. Prosopagnosia 
6. Simultanagnosia 






### B. VISUAL-SPATIAL PERCEPTION DISORDERS

1. Figure-ground discrimination dysfunction 
2. Form constancy 
3. Position in space 
4. Right-left discrimination dysfunction 
5. Stereopsis 






### C. TACTILE PERCEPTION DISORDERS

1. Astereognosis 
2. Agraphesthesia 
3. Body schema perception disorder (Autotopagnosia) 

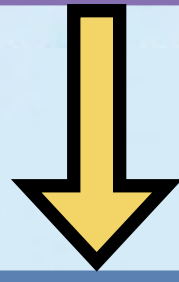


### D. MOTOR PERCEPTION DISORDERS

1. Ideational apraxia 
2. Ideomotor apraxia 
3. Constructional disorder 

(Each domain assessed using standardized manual-based procedures)

# WHY THIS MATTERS AT WFOT?



## FROM LOCAL INNOVATION TO GLOBAL APPLICABILITY



### CLINICAL IMPACT

- Early deficit identification
- Targeted intervention planning
- Improved occupational outcomes



### PROFESSIONAL IMPACT

- Evidence-informed practice
- Cost-effective assessment
- Accessible for low-resource settings



### GLOBAL IMPACT

- Represents Global innovation
- Addresses universal perceptual challenges
- Model for culturally adaptive tool development
- Encourages cross-country validation



### FUTURE DIRECTIONS

- Validation studies
- Cross-cultural adaptations
- Integration into OT education & workforce training

## GLOBAL OCCUPATIONAL THERAPY COMMUNITY



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