

## Cognitive Rehabilitation in MS

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## My background-

- RehabCare, Brain Injury, Neuro Rehab
- Psychology, BICM and Rehab
- Research interest- Cognitive Rehabilitation in MS



## Overview

**TECHNICAL DIFFICULTIES**



**REPAIRS UNDERWAY**

- Cognitive Impairment and Cognitive Rehabilitation in MS
- Case studies and discussion around cognitive impairment in MS
- Our role as professionals – what can we do better to support people with cognitive impairment, their families and carers?



# Cognitive Impairment in MS

FAQ's!!!!

Who  
When  
Where  
How  
Why



Irish context -



# Cognitive Impairment in MS

Main areas of cognitive impairment in MS?

Memory (encoding)

Information processing

Complex Attention

Executive functioning





## **Cognitive Impairment in MS**

Other potentially interacting factors –

Fatigue

Depression/anxiety

Non MS related factors!

## **Treatment of Cognitive impairment in MS**

What are the current treatments?

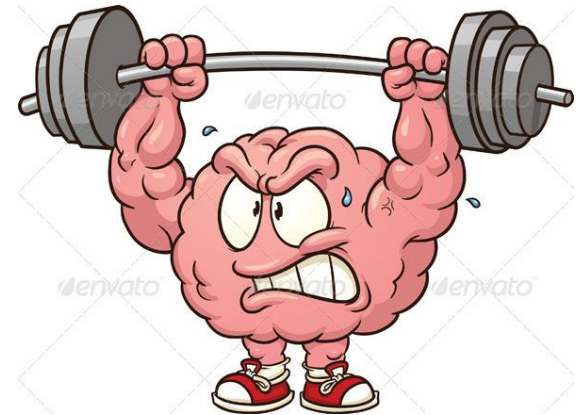
What are the current treatments in Ireland?!!!!!!



## Cognitive Rehabilitation in MS

Cognitive rehabilitation – what is it and how does it work?

What outcomes are “we” aiming for?!



# Cognitive Rehabilitation in MS

- What is the current evidence to support the use of cognitive rehabilitation in MS?



# Cognitive Rehabilitation in MS

- **Some of the challenges to cognitive rehab in MS in Ireland?**



- **Research project**
- A model of CR that may augment the work of neuro rehab teams and address some of the challenges identified.

## Case examples for discussion

- (1) Mary
- (2) Brendan
- (4) Bridie
- (5) Katarina





## The role of professionals



- Interdisciplinary approach- integrated approach
- E.g. physical need, cognitive, emotional, medical, social-functional and cognitive (BW)– NNNB
- Not just involved with direct cognitive rehabilitation – screening/assessment/referral

## What's left to do?

- Recommendations for the future, both for clinicians and researchers.
- “emerging area of research”



