Method 1:
To review the relationship between cognitive impairment & swallowing keywords were searched in MEDLINE, SCOPUS, CINAHL PsychINFO, Emcare & Google Scholar

Results
47 Full text studies reviewed

BUT
No studies met inclusion criteria

1055 studies imported for screening
683 studies screened
47 full-text studies assessed for eligibility
0 studies included

The impact of cognitive decline in ALS on swallowing is not understood or researched
Rebecca Francis1,2, Stacie Attri1, Charles Cock1, Sebastian Doeltgen1,2
1,2Swallowing Neurorehabilitation Research Laboratory, 2Speech Pathology, College of Nursing and Health Sciences, Flinders University, Adelaide, Australia, 3College of Medicine and Public Health, Flinders University, Adelaide, Australia

Little is known about the interaction between cognitive impairment & swallowing. This is important as cognitive impairment in ALS affects decision-making capacity and treatment acceptance and adherence.

Conclusion
Future research is needed to understand the impact of cognitive impairment associated with ALS on assessing & managing swallowing.

Method 2:
Thematic analysis was conducted on the 47 excluded articles to identify key themes

Results: Key Themes

Early intervention & multidisciplinary management of ALS achieves better patient outcomes

Cognitive decline affects adherence & treatment refusal & predicts shorter survival

Most plwALS develop dysphagia, compromising respiration, increasing the risk of choking, dehydration & malnutrition.

References