



# iCAHE JC Critical Appraisal Summary

## Journal Club Details

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Journal Club location	Flinders Medical Centre
JC Facilitator	Cassandra Ofner
JC Discipline	Dietetics

## Question

### Review Question/PICO/PACO

- P** Motor Neurone disease (MND) patients (or Amyotrophic lateral sclerosis, the American name for MND)
- I** PEG feeding (artificial feeding)
- C** omission of PEG feeding
- O** Clinical Outcomes (e.g. nutrition status, physical function, morbidity, mortality) and Quality of Life

## Article/Paper

Fasano A, Fini N, Ferraro D, Ferri L, Vinceti M, Errals, Mandrioli J. Percutaneous endoscopic gastrostomy, body weight loss and survival in amyotrophic lateral sclerosis: a population-based registry study. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*. 2017 Apr 3;18(3-4):233-42.

*Please note: due to copyright regulations CAHE is unable to supply a copy of the critically appraised paper/article. If you are an employee of the South Australian government you can obtain a copy of articles from the [DOHSA librarian](#).*

## Article Methodology: Prevalence

Click [here](#) to access critical appraisal tool

**CONTACTS**

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 Allied Health Evidence

iCAHE

A member of the Sansom Institute

Ques No.	Yes	Can't Tell	No	N/A	Comments
1		✓			Was the sample frame appropriate to address the target population?
2	✓				Were study participants sampled in an appropriate way?
3	✓				Was the sample size adequate?
4	✓				Were the study subjects and the setting described in detail?
5	✓				Was the data analysis conducted with sufficient coverage of the identified sample?
6		✓			Were valid methods used for the identification of the condition?
7	✓				Was the condition measured in a standard, reliable way for all participants?
8	✓				Was there appropriate statistical analysis?
9		✓			Was the response rate adequate, and if not, was the low response rate managed appropriately?
10					What are the results?
11					How precise was the estimate of the treatment effect?
9					<p>Can the results be applied to the local population?</p> <p><b>CONTEXT ASSESSMENT</b> (please refer to attached document)</p> <ul style="list-style-type: none"> <li>- Infrastructure</li> <li>- Available workforce (? Need for substitute workforce?)</li> <li>- Patient characteristics</li> <li>- Training and upskilling, accreditation, recognition</li> <li>- Ready access to information sources</li> <li>- Legislative, financial &amp; systems support</li> <li>- Health service system, referral processes and decision-makers</li> <li>- Communication</li> <li>- Best ways of presenting information to different end-users</li> <li>- Availability of relevant equipment</li> <li>- Cultural acceptability of recommendations</li> <li>- Others</li> </ul>
10					Were all important outcomes considered?
11					Are the benefits worth the harms and costs?
12					What do the study findings mean to practice (i.e. clinical practice, systems or processes)?

13		<p>What are your next steps?  <b>ADOPT, CONTEXTUALISE, ADAPT</b></p> <p>And then (e.g. evaluate clinical practice against evidence-based recommendations; organise the next four journal club meetings around this topic to build the evidence base; organize training for staff, etc.)</p>
14		<p>What is required to implement these next steps?</p>

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