

iCAHE JC Critical Appraisal Summary

Journal Club Details

Journal Club location	Women's and Children's Hospital
JC Facilitator	Sarah C
JC Discipline	Speech Pathology

Article selected by Journal Club

Article/Paper

McPherson, V & Towner Wright, S, 2005, 'What is the best treatment for gastroesophageal reflux and vomiting in infants?', *The Journal Of Family Practice*, Vol. 54, No. 4, pp.365-378.

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](#).



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Ques No.	Yes	Can't Tell	No	Comments
RELEVANCE of sources				
1				<p>The relevance of information source relates to how useful the source is for your particular practice.</p> <p>To decide the relevance, you will need to consider some of the following questions:</p> <p>What type of audience is the information produced for?</p> <p>Is the information specialised enough for your needs?</p> <p>Is the information detailed enough for your needs?</p> <p>Does the information cover your topic in terms of time and place? (Decide if you need historical information, current information or both; Decide if you need information that is local, regional, national or international.)</p>
QUALITY of sources				
2		✓		<p>To decide the quality of information source, you will need to consider questions such as:</p> <p>How <i>reliable</i> is the information source?</p> <p>How <i>accurate</i> is the information source?</p> <p>How <i>recent</i> is the information source?</p> <p>Information is more than 10 years old, which increases the chance that other, more recent, updated, information has been published.</p>
3	✓			<p>Reliability of information</p> <p>Is the author of the information identified?</p> <p>Yes - Listed authors are in the following sections (page 375):</p> <p>Recommendations From Others (Vanesse McPherson, MD; and Sarah Towner Wright, MLS)</p> <p>Does the author of the information have the qualifications or experience to write on this topic?</p> <p>Yes – The listed authors have a qualification as a Medical Doctor (MD.) and Medical Laboratory Scientist (MLS)</p>

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			Does the information come from an 'authoritative source'?
			Yes
5	✓		<p>Accuracy of information</p> <p>How is the information presented?</p> <p>The information is presented in two main parts: Evidence Based Answer and Evidence Summary.</p> <p>Evidence based answer covers the literature on pediatric reflux, and the summary examines each piece of evidence.</p> <p>If the information is presented as fact, can it be checked?</p> <p>The evidence is presented as fact and can be checked with a source for each claim.</p> <p>Is the information biased?</p> <p>The evidence is not inherently biased but the authors do note the lack of evidence of expert opinion to support the facts that are presented.</p>
6	✓		<p>Timeliness of information (how recent is the information)</p> <p>The article has dated information because it was written in 2005. While this information still may have relevance, it should be treated with caution due to its age. There may be more relevant information published since the inception of the article.</p>
7	Discuss this in your Journal Club		What do the study findings mean to practice (i.e. clinical practice, systems or processes)?
8			What are your next steps? (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.)
9			What is required to implement these next steps?