TITLE: Percutaneous Endoscopic Gastrostomy Tubes For Enteral Feeding In Adult Patients Following Head and Neck Radiation: Guidelines

DATE: 07 November 2016

RESEARCH QUESTION

What are the evidence-based guidelines regarding the appropriate bore size of percutaneous endoscopic gastrostomy (PEG) tubes for enteral feeding in adult patients following head and neck radiation?

KEY FINDINGS

No relevant literature was identified regarding the appropriate bore size of percutaneous endoscopic gastrostomy tubes for enteral feeding in adult patients following head and neck radiation.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library, University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. Methodological filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, and guidelines. The search was also limited to English language documents published between January 1, 2011 and October 26, 2016. Internet links were provided, where available.

SELECTION CRITERIA

One reviewer screened citations and selected studies based on the inclusion criteria presented in Table 1.

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Table 1: Selection Criteria

<table>
<thead>
<tr>
<th>Population</th>
<th>Adult patients requiring enteral feeding following head and neck radiation</th>
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<tbody>
<tr>
<td>Intervention</td>
<td>Percutaneous endoscopic gastrostomy (PEG) tube</td>
</tr>
<tr>
<td>Comparator</td>
<td>Different bore sizes of PEG tubes (e.g., 12 gauge French, 18 gauge)</td>
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<tr>
<td>Outcomes</td>
<td>Clinical practice guidelines (e.g., bore size of PEG tube, with or without anchor, type of anchor, nutrition outcomes)</td>
</tr>
<tr>
<td>Study Designs</td>
<td>Evidence-based guidelines</td>
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</tbody>
</table>

RESULTS

OVERALL SUMMARY OF FINDINGS

No relevant literature was identified; therefore, no summary regarding the appropriate bore size of percutaneous endoscopic gastrostomy tubes for enteral feeding in adult patients following head and neck radiation can be provided.

References of potential interest are included in the appendix.
REFERENCES SUMMARIZED

Guidelines and Recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Previous CADTH Reports


Clinical Practice Guidelines – Methodology Not Specified

   See: Transabdominal Gastrostomy, page 1095 and Choice of Tube Configuration and Material, page 1098

Systematic Reviews and Meta-Analyses


