Peninsula Technology Assessment Group
(PenTAG)

TITLE OF TECHNOLOGY ASSESSMENT REPORT
PenTAG

- Established 2001 (University of Exeter)
- Health Technology Assessment
- Methodological Research
  - Consumer involvement in health care
  - Clinical epidemiology
  - Health state valuation
Who are we?

- Multidisciplinary research group
- Institute for Health and Social Care Research
- Peninsula Medical School
- Universities of Exeter & Plymouth
- One of 7 groups carrying out HTAs for NICE (and others)
- *But not*… employees of NICE
# The research team

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
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Research Synthesis

• Public Health / Clinical Epidemiology
• Health Technology Assessment
• Health Services Research
• Mathematics and Operations Research
• Health Economics
• Information Science
NICE

SCOPE

Commissioning Brief

Protocol

NCCHTA

PenTAG
TAR Protocol

- The Technology Assessment Team specify their approach in the Protocol, based on their judgement of the appropriate methods for assessing the technology
  - i.e. *the protocol defines what we will do*
- The protocol is agreed between the HTA programme and the Team
- The protocol is normally not subject to further amendment
Publication

• The Assessment report is submitted to NICE
• NICE website *without CIC information*
• Subsequently:
  – Editorial review
  – Sometimes further development
  – Publication as monograph in *Health Technology Assessment*
Methods - effectiveness

• Extensive literature review
  – Not hand-searching
  – Contact with experts and commercial sponsors of studies is crucial

• Inclusion/exclusion
  – RCTs
  – Non-randomised comparative studies
  – Case series (adverse events, long term follow up)
  – English language
Methods - effectiveness

• Assessment of methodological quality
  – Recognised quality assessment tools (CRD, JAMA, CEBM)
  – Quality scores?
  – Impact of methodological quality considered explicitly rather than exclude/include at this stage

• Data extraction/checking – 2 reviewers

• Meta-analysis
Methods – cost effectiveness

• Independent cost utility analysis
  – Decision analytic model(s)
  – Industry submission
    • May provide useful inputs
    • May provide basis for exploration of alternative scenarios