Cost-effectiveness modelling of use of urea breath test for the management of Helicobacter pylori-related dyspepsia and peptic ulcer in the UK

Supplementary material

1. UBT strategy
2. FAT strategy

Faecal Ag test

HP +

HP -

Eradication
1st line

Eradication
2nd line

4 weeks symptomatic treatment

Endoscopy

Success

No success

Success

No success

lesion

No lesion

Effectiveness outcome

Effectiveness outcome

Effectiveness outcome

Effectiveness outcome

Effectiveness outcome

Effectiveness outcome
3. Endoscopy strategy

![Endoscopy strategy diagram]

- **Endoscopy Strategy**
  - **Lesion**
    - 4 weeks symptomatic treatment
    - **Eradication 1st line**
      - Success
      - No success
      - **Effectiveness outcome**
    - **Eradication 2d line**
      - Success
      - No success
      - **Effectiveness outcome**
  - **No lesion**
    - 4 weeks symptomatic treatment
      - **Eradication 1st line**
        - Success
        - No success
        - **Effectiveness outcome**
      - **Eradication 2d line**
        - Success
        - No success
        - **Effectiveness outcome**

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s).
4. Empirical symptomatic treatment strategy

- 4 weeks symptomatic treatment
  - Effectiveness outcome
  - Success
  - Lesion
    - Effectiveness outcome
    - Eradication 1st line
      - HP +
      - 1 to 12 months symptomatic treatment
        - Effectiveness outcome
        - Eradication 1st line
          - HP +
          - HP -
          - HP +
          - HP -
          - HP +
          - HP -
    - HP -
  - No lesion
    - Effectiveness outcome
    - Eradication 2nd line
      - HP +
      - HP -
    - 1 to 12 months symptomatic treatment
      - Effectiveness outcome
      - Eradication 2nd line
        - HP +
        - HP -
        - HP +
        - HP -
        - HP +
        - HP -