

Economic plan

This plan identifies the areas prioritised for economic modelling. The final analysis may differ from those described below. The rationale for any differences will be explained in the guideline.

1 Guideline

Diverticular disease

2 List of modelling questions

Review question by scope area	What is the clinical and cost effectiveness of laparoscopic lavage versus resectional surgery for the management of bowel perforations?
Population	Adults with perforated diverticulitis and purulent peritonitis
Interventions and comparators considered for inclusion	<ul style="list-style-type: none"> Laparoscopic lavage Resection by either: <ul style="list-style-type: none"> Hartmann's procedure, or Primary anastomosis with or without diverting ileostomy
Perspective	Intervention with health outcomes in NHS setting (UK NHS and PSS costs)
Outcomes	Quality-adjusted life years
Type of analysis	Cost-utility analysis
Issues to note	
Review questions by scope area	<p>For people with suspected acute diverticulitis who are referred for urgent hospital assessment, which investigations are clinically and cost effective (for example full blood count, C-reactive protein (CRP), endoscopy, CT and MRI) in the diagnosis and assessment of acute diverticulitis during and after the acute episode?</p> <p>What are the most clinically and cost-effective non-surgical treatments for acute diverticulitis?</p>
Population	Patients referred to hospital with suspected diverticulitis
Interventions and comparators considered for inclusion	<ul style="list-style-type: none"> Intravenous antibiotics in hospital CT then, if uncomplicated, oral antibiotics and early discharge CT then, if uncomplicated, no antibiotics and early discharge
Perspective	Intervention with health outcomes in NHS setting (UK NHS and PSS costs)

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Outcomes	Readmission
Type of analysis	Comparative cost analysis
Issues to note	