

Treatment Appraisal: Decision Summary

Date	20 th April 2010		
Appraisal	Gastroelectrical stimulation for gastroparesis		
Details	NETAG was requested by the North East Specialised Commissioning Team to conduct an appraisal of gastroelectrical stimulation using the Enterra™ device for the management of gastroparesis.		
Recommendation	<p>Gastroelectrical stimulation with the Enterra™ device is not recommended for the management of gastroparesis.</p> <p>Individual patients with particular circumstances may be suitable for treatment as determined via an individual funding request.</p>		
Clinical evidence summary	The group noted the substantial increase in the volume of evidence for gastroelectrical stimulation for gastroparesis since NICE published an evidence overview in September 2003. However, the quality of the new evidence was generally poor, consisting principally of non-comparative case series reports without control groups. The group felt that the additional evidence was insufficient to alter the guidance issued by NICE in December 2004.		
Cost analysis summary	The group noted the relatively high cost of treatment, a relatively high frequency of complications resulting in device removal, the limited lifespan of the device, and potential off-set costs from reduced healthcare utilisation. The group was of the opinion that there was a lack of evidence for the cost-effectiveness of gastroelectrical stimulation.		
Financial impact	PCT		
	County Durham	It is projected that one or two patients per PCT per annum may be suitable for treatment.	It is estimated that the cost for implantation of an Enterra™ device is between £16,000 and £18,000 per patient. This includes all pre-, peri- and post-operative care but does not include the cost of managing any complications that may arise. Enterra™ devices have a lifespan of about seven to twelve years.
	Darlington		
	Gateshead		
	Hartlepool		
	Middlesbrough		
	Newcastle		
	North Tees		
	North Tyneside		
	Northumberland Care		
	Redcar & Cleveland		
	South Tyneside		
Sunderland Teaching			
PbR: Excluded			
Further research or information			

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