

**SPECIALISED COMMISSIONING - CLINICAL EVIDENCE EVALUATION
CRITERIA FOR A PROPOSITION FOR A CLINICAL COMMISSIONING POLICY
FOR ROUTINE COMMISSIONING**

URN: 1678

TITLE: Hyperbaric oxygen therapy for soft tissue radiation damage

CRG: N/A NPOC:

Trauma Lead:

Jacque Kemp Date:

18/11/17

This policy is being considered for:	For routine commissioning	Not for routine commissioning	X
Is the population described in the policy the same as that in the evidence review including subgroups?	The population is the same. Clinical panel noted that studies had variable inclusion / exclusion criteria. .		
Is the intervention described in the policy the same or similar as the intervention for which evidence is presented in the evidence review?	The intervention is similar. The Panel noted that the intervention could be considered quite onerous with between 30 and 60 HBOT treatment sessions, each lasting for up to 2 hours.		
Is the comparator in the policy the same as that in the evidence review? Are the comparators in the evidence review the most plausible comparators for patients in the English NHS and are they suitable for informing policy development?	The studies included two randomised controlled trials comparing HBOT to sham treatment, one randomised controlled trial comparing HBOT to intravesical hyaluronic acid instillation (HA) and one non-randomised controlled study comparing HBOT to argon plasma coagulation (APC).		
Are the clinical benefits demonstrated in the evidence review consistent with the eligible population and/or subgroups presented in the policy? Are the clinical harms demonstrated in the evidence review reflected in the eligible	The studies considered different outcomes and reported outcomes at different time periods following treatment. Outcomes most commonly related to changes in the symptoms experienced by patients. Outcomes were not consistent between studies. The most recent study did not show significant differences in outcomes for patients receiving HBOT. Other studies showed some benefits but these were not easily to interpret and the durability of any improvement was not clear. A large but older study (2008) showed an improvement in the LENT SOMA score (a scoring system for severity of radiation-induced complications). The clinical significance for patients is		

and /or ineligible population and/or subgroups presented in the policy?	not clear. The panel also considered that radiotherapy delivery has changed since 2008 and that adverse effects from radiation may have changed and possibly reduced. Therefore a study from 2008 may not reflect the population undergoing radiation more recently..		
Rationale Is the rationale clearly linked to the evidence?	The studies included in the policy proposition do not include a full assessment of the harms of the treatment.		
Advice The Panel should provide advice on matters relating to the evidence base and policy development and prioritisation. Advice may cover: <ul style="list-style-type: none"> • Uncertainty in the evidence base • Challenges in the clinical interpretation and applicability of policy in clinical practice • Challenges in ensuring policy is applied appropriately • Likely changes in the pathway of care and therapeutic advances that may result in the need for policy review. 	The panel considered that there is likely to be a large population with radiation induced soft tissue damage and that implies that there is potential to undertake further further high quality research. Such research could seek to include one or more subgroups in order to determine if there any populations within the wider group for which HBOT may offer a significant clinical benefit		
Overall conclusion	This is a proposition for routine commissioning and	Should proceed for routine commissioning	
		Should reversed and proceed as not for routine commissioning	
	This is a proposition for not routine commissioning and	Should proceed for not routine commissioning	X
		Should be reconsidered by the PWG	

Overall conclusions of the panel

Report approved by:

David Black

Clinical Panel Co-Chair

28/11/17

Draft for consultation