

National Institute for Health and Clinical Excellence

35/2 – Off-pump coronary artery bypass grafting

Consultation Comments table

IPAC date: Thursday 11 November 2010

Com . no.	Consultee name and organisation	Sec. no.	Comments	Response
1	Consultee 1 NHS Professional	1	Patients should maybe informed that the operation may take longer. As part of clinical governance, NICE should insist that a Perfusionist is available for the off pump procedure in the event of conversion to on-pump.	Please respond to all comments Thank you for your comment. The Committee considered this comment and decided not to change the guidance.
2	Consultee 1 NHS Professional	2.1	Patients should be made aware that the majority of procedures are done off pump very safely. Arresting the heart is also a good thing as it make the suturing easier than an more mobile heart during off-pump	Thank you for your comment.
3	Consultee 1 NHS Professional	2.2	What are the hazards of cardiopulmonary bypass. Most of these hazards are based on hearsay and data from the 1980s. Equipment is safer and more reliable. NICE should resit this data before it assumes that there are hazards	Thank you for your comment. Much of the data considered by the Committee relates to studies with recruitment periods in the 2000's such as the ROOBY trial by Shroyer A L (2009) with a Recruitment period: 2002 to 2008.

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4	Consultee 1 NHS Professional	2.3	Surgeons still cherry-pick the caes for off pump and the more technically challenging cases are performed on-pump. Assuming this happens, off-pump is not for every patient. Also, if the more difficult cases are done on pump arent they likely to do better. Its all very well having the patients co-morbidities the same in these studies but there is no way of measuring the position of the targets on the heart and the standard of the target vessels	Thank you for your comment. NICE recognizes that patient selection is important and section 1.3 of the guidance recommends that 'Patient selection and treatment should be carried out by cardiac surgical teams who are skilled in both off-pump and on-pump surgery.'
5	Consultee 1 NHS Professional	2.4	It must be noted again that a perfusionist must be present to ensure optimum safety. This is not mentioned	Thank you for your comment. Please see response to comment No. 1
6	Consultee 1 NHS Professional	2.5	Grafts are more likely to occlude as there is a very steep learning curve to off-pump and also the sutures are being placed on a more mobile heart with increased difficulty	Thank you for your comment.

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