# **Out of Hospital Cardiac Arrest Reviewer Assessment Form**

	A. Review Details	
1a. Date of Case Review	ver meeting	
1b. Case Reviewers init	ials	
2. NCEPOD Site ID  Value should be no more th	000 000	

#### B. Patient Details 1a. Age at presentation to hospital ☐ Unknown years 1b. Sex Male Female 2a. Did the patient have any past medical history relevant to their cardiac arrest? Yes ( No Unknown 2b. If answered "Yes" to [2a] then: Past medical history Previous cardiac arrest ☐ Ischemic heart disease ☐ Implantable defibrillator ☐ Implantable pacemaker Previous coronary surgery Previous percutaneous coronary intervention ☐ Hypertension □ Stroke □ VTE Dementia □ Diabetes Mellitus □ Chronic respiratory disease □ Renal dialysis Cocaine abuse Alcohol abuse Other drug abuse ☐ Smoking □ Epilepsy Please specify any additional options here... 3a. Was the the patient taking any of the medications (or other relevant medication) listed below prior to their cardiac arrest? Unknown Yes No 3b. If answered "Yes" to [3a] then: Which of the following was the patient taking? Anti-platelet agent(s) ☐ Statin Anticoagulant Antihypertensives Antiarrhythmics □ Anticonvulsants ☐ Insulin/antiglycaemic Please specify any additional options here... 4. Had the patient been recently discharged from hospital (within 30 days)? Yes ( No Unknown 5. What was the patient's level of function as assessed using the Rockwood Frailty Score, prior to their cardiac arrest? See definitions sheet provided 1. Very fit 3. Managing well 2. Well O 4. Vulnerable 5. Mildly frail 6. Moderately frail 7. Severely frail O 9. Terminally ill 8. Very severely frail Unable to answer 6a. Was the patient entered into a clinical trial for their cardiac arrest treatment? Unknown Yes O No

		C. Ambulance	e service in	nformation	
1a.	Date of cardiac arre	est?			
				Unknown	
1b.	Time of cardiac arre	est?		_	
				☐ Unknown	
1c.	Where did the cardi	ac arrest occur?			
	Own home		○ Nu	rsing home	
	O Residential home		_	rk place	
	O Public place		O Tra	nsport hub (station/airport etc)	
	O Unknown				
	If not listed above, ple	ase specify here			
2.	Was the patient bou	ught to hospital by aml	bulance?		
	O Yes	Yes but no PRF	O No	O Unknown	
Tin	nings				
3a.	If answered "Yes" to	o [2] then:			
	Time of 999 call?				
				Unknown	
3b.	If answered "Yes" to				
	Time ambulance cre	ew attended patient?			
				Unknown	
3c.	If answered "Yes" to		ondina to	call; if relevant) to arrive at p	ationt?
	please leave blank if r		onanig to	can, in relevant, to arrive at p	acienc.
				☐ Unknown	
3d.	If answered "Yes" to	o [2] then:		_	
	Time of departure f				
				Unknown	
3e.	If answered "Yes" to				
	Time of arrival at ho	ospital?			
				Unknown	
4a.	If answered "Yes" to Was the cardiac arr				
	O Witnessed (bystan				
	<ul><li>Witnessed (emerg</li><li>Unwitnessed</li></ul>	ency medical service pres	_	known	
	Onwichessed		O 0111	KIIOWII	
	If not listed above, ple	ase specify here			
4b.	If answered "Yes" to Was CPR given by a				
	O Yes	O No	O Unl	known	
			=		

4c.	If answered "Yes" Did bystander CPR	to [4b] and "Yes" to [2] achieve ROSC?	then:
	O Yes	O No	O Unknown
4d.	If answered "Yes" Was it documented commencing CPR?		ient report form (PRF) that there was a delay in
	O Yes	O No	
4e.	If answered "Yes" How long was the	to [4d] and "Yes" to [2] delay (CPR)?	then:
			minutes Unknown
5a.	If answered "Yes" Initial rhythm (pre		
	Shockable	Non shockable	Unknown
	If not listed above, p	lease specify here	
5b.	If answered "Yes" Was a defibrillator		
	O Yes	O No	O Unknown
5c.	If answered "Yes" Was it a public acc	to [2] and "Yes" to [5b] ess defibrillator?	then:
	O Yes	O No	O Unknown
5d.	If answered "Yes" Time of first shock	to [5b] and "Yes" to [2] ?	then:
			□ Unknown
5e.	If answered "Yes" Number of shocks	to [5b] and "Yes" to [2] administered?	
			Unknown
6.	If answered "Yes" Was a mechanical		
	O Yes	O No	O Unknown
7.	If answered "Yes"	to [2] then: ustained (> 20 minutes)	ROSC?
	Time of offset of st	ustamed (> 20 minutes)	Unknown
			OHKHOWN
8a.	If answered "Yes" How was the patie hospital)?		e-hospital (most invasive management pre-
	Own	Supraglottic	○ Tracheal tube ○ Unknown
	If not listed above, p	lease specify here	
8b.		aglottic" or "Tracheal tu pre-hospital airway)	be" to [8a] and "Yes" to [2] then:
		p. 3 Spital all Huy,	Unknown

-	Sc. If answered "Yes" to [2] then:  How was the patients ventilation managed pre-hospital (most invasive management pre-hospital)?						
	<ul><li>Self</li><li>Unknown</li></ul>	Assisted	(bag/mask)	Assisted (mechanical)			
	If not listed above, plea	ase specify here					
9a.	If answered "Yes" to Which drugs were gi						
	☐ Adrenaline☐ Unknown	☐ Atropine	☐ Amioda	rone None			
	Please specify any add	itional options here					
9b.	If answered "Adrena What cumulative dos			PR?			
9c.	If answered "Adrena Was adrenaline used			port)?			
	○ Yes	O No	O Unknow	n			
10a.	If answered "Yes" to Was the patient tran						
	<ul><li>In cardiac arrest</li><li>Unknown</li></ul>	O With ROS	C	ROSC achieved in transit			
	If not listed above, plea	ase specify here					
LOb.	If answered "With RO Initial rhythm on sus	OSC" or "ROSC achievitained ROSC:	ed in transit"	to [10a] and "Yes" to [2] then:			
	<ul><li>Sinus</li><li>Bradycardia</li><li>Unclear (eg BBB)</li></ul>	O Atrial fibr O Narrow co O Unknown	omplex tachycai	O Heart block rdia O Broad complex tachycardia			
	If not listed above, plea	ase specify here					
lOc.	If answered "Yes" to Was ST elevation/bu		esent?				
	O Yes	O No	O Unknow	n			
l1a.	If answered "Yes" to Best post-arrest con	[2] then: scious level pre-hosp	ital: (highest /	ACVPU new):			
	<ul><li>Alert</li><li>Unresponsive</li></ul>	<ul><li>Confusion</li><li>Not recorded</li></ul>	O Voice	O Pain			
L1b.	If answered "Yes" to Best post-arrest con	[2] then: scious level pre-hosp	ital: (highest (	GCS):			
	O 3	O 4	O 5	O 6			

.2a.If answered "Yes" to [2] then:  How would you rate the pre-hospital care?								
O Good O Unabl		○ Adequate	O Poor	O Unacceptable				
	red "Yes" to [2 xpand on your	] then: answer (pre-hospital	O Poor O Unacceptable					

	Γ	D. Arrival to hospita	ll
1. How was the patien	nt transported to	hospital?	
<ul><li>Land ambulance</li><li>Unknown</li></ul>	O Air a	ambulance	<ul><li>Air and land ambulance</li></ul>
If not listed above, ple	ease specify here		
a. Where was the pati		in hospital?	
O CCU	tment ce (cardiac cathete	risation lab)	
○ ICU ○ Unknown			
	assa spasify bara		
If not listed above, ple	ease specify here		
b. Date of arrival to EI	D or other first ho	spital location	
			] Unknown
c. Time of arrival to El	D or other first ho	snital location	, chikilowi
ci rime or arrivar to El	or other machi		1. Halmann
			] Unknown
a. Was a pre-alert syst	tem used (arrivai		nwn.
Yes  O. Was there a co-ordi	O	O Unkno	
O. Was there a co-ordi	No No	Unkno	
•	•	•	and seniority) appropriate?
Yes	O No	(Specialities of Unknown	
d. If answered "No" to	•	<b>O</b> 3	
Please expand on ye		ıl response)	
a. What was the docur	mented downtime	a?	
a. What was the docur	mented downtime		1 Unknown
		minutes	
a. What was the documents b. Does the documents  O Yes		minutes	rmation is available?

		minutes Unknown
irway		
a. Was the airway	device changed on a	arrival to hospital?
O Yes	O No	Unknown
b. Please list the N location	MOST invasive appro	ach to airway management in the ED or first hospital
O Patient's own O Supraglottic		<ul><li>Patient's own with oro/nasopharyngeal</li><li>Tracheal tube</li></ul>
If not listed above	e, please specify here	
 Breathing		
c. Oxygen saturat	ion on arrival (arriva	1):
		% Unknown
Value should be no me		
d. Inspired oxyger	n concentration (%) (	arrival):
		% Not Applicable Unknown
Value should be no me	ore than 100	
e. Inspired oxyger	n concentration (I/mii	n) (arrival):
		l/min Not Applicable Unknown
of. Did the patient	require assisted ven	tilation (arrival)?
Yes	O No	() Unknown
g. Was there a clir	nical suspicion of asp	piration (arrival)?  airway channel of artificial airway
O Yes	O No	○ Unknown
neasurement please	s of the first arterial blo check the appropriate	ood gas result in hospital. If the patient had a venous blood ga box
a. Arterial or veno	ous blood gas?	
Arterial	O Venous	O Not done O Unknown
b. What time was	the first blood gas m	neasurement (arrival)?
		Unknown
c. pH (arrival)		
		Unknown
d. pO2 (arrival)		
d. pO2 (arrival)		kPa Unknown
		kPa Unknown
d. pO2 (arrival) se. pCO2 (arrival)		kPa Unknown

6f. Lactate (ar	rival):				
		m	mol/L		Unknown
g. Bicarbonat	e (arrival)				
		m	mol/L	П	Unknown
h. Base exces	s (arrival)				
	,		mEq/L		Unknown
Value should be	e no less than -100		ПЕЧ/Е		Olikhowii
i. Haemoglob	oin (arrival)				
			g/dl		Unknown
	(arrival)				
	<u> </u>	m	mol/L	П	Unknown
L Fi∩2 at the	time of ABG (arri				
K. 1102 at the	time of ADG (arri	<b>Vai</b> 70 <b>)</b>	0/		Unknown
T 5:02 -+ +b -	times of ADC (ami		%	П	Olkhowii
oi. FiO2 at the	time of ABG (arri	vai i/min)		_	<u>-</u>
			l/min		Not Applicable   Unknown
Circulation					
a. Heart rate	(arrival)				
					Unknown
b. Systolic BP	(arrival)				
				П	Unknown
c. Diastolic B	P (arrival)				
c. Diastolic B	(arrivar)				University
					Unknown
d. On arrival v inotropes?	was the patient's l	blood pressure	suppor	ted	with vasoconstrictors and/or
O Yes inoti	ropes		O Ye	s vas	soconstrictors
O Yes inoti	ropes and vasoconst n	rictors	O Ne	ither	-
e. What was 1	the heart rhythm o	on arrival (arriv	al)?		
O Sinus		O Atrial fibrilla		l	O Heart block
O Broad co	omplex tachycardia	O Narrow com	piex tac	nyca	ardia O Unclear (eg BBB)
If not listed	above, please specif	y here			
f. Which of th	ne following were	present on the	first EC	G (a	arrival)?
■ Normal			☐ ST	elev	ration/bundle-branch block
ST depre			_		complex tachycardia
_	mplex tachycardia		_		ardia
Agonal r			_	ystol	
☐ Atrial fib☐ Unknow			∐ No	т арр	olicable ECG not done on arrival
_					
Please speci	fy any additional op	tions here			

8a. Which of the follo	owing treatments were gi	ven on arrival?
☐ Antibiotics ☐ Anti-platelets ☐ Thrombolysis	<ul><li>Anticonvulsants</li><li>Analgesics</li><li>Muscle relaxants</li></ul>	<ul><li>☐ Anticoagulants</li><li>☐ Beta blocker</li><li>☐ None</li><li>☐ Unknown</li></ul>
Please specify any	additional options here	
	owing were used for moni location the patient was first	
☐ Pulse Oximetry ☐ Arterial line ☐ Temperature	_	☐ ECG ive blood pressure ☐ EEG ☐ Unknown
Please specify any	additional options here	
9a. If answered "Emo	ergency Department" to [3	2a] then:
O Yes	O No	O Unknown
	ergency Department" to [3 ed withdrawal of treatme	2a] and "Yes" to [9a] then: nt?
O Yes	O No	O Unknown
10b.If answered "Emo		Unknown  2a] and "No" to [9a] then:
What time did th	e patient leave ED?	□ Unknown
		Griknown
	ergency Department" to [ ate the care the patient r	
<ul><li>Good</li><li>Unacceptable</li></ul>	<ul><li>Adequate</li><li>Unable to</li></ul>	O Poor assign grade
	ergency Department" to [in your answer (ED care)	2a] then:

# 1a. Is it documented that the patient was discussed with a cardiologist? ( No Unknown 1b. If answered "No" to [1a] then: If not discussed with a Cardiologist in your opinion should they have been? O No Unknown 1c. If answered "No" to [1a] and "Yes" to [1b] then: Please expand on your answer (cardiologist new) 2a. Was the patient taken to the cath lab at any point during this hospital attendance/admission? ( ) Yes O No Unknown 2b. If answered "Yes" to [2a] then: Date patient went to cath lab ☐ Unknown 2c. If answered "Yes" to [2a] then: Time patient went to cath lab ☐ Unknown 3a. Was coronary revascularization indicated? Yes Unknown No 3b. If answered "Yes" to [3a] then: Was coronary revascularization attempted? Yes O No Unknown 3c. If answered "Yes" to [3a] and "Yes" to [3b] then: Was coronary revascularization successful? Yes ( No Unknown 4a. If answered "Yes" to [2a] then: Did the patient return to the cath lab at any point during this admission? Yes O No Unknown

E. Cardiology Review and Percutaneous Coronary Intervention

In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	[2a] then: here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
In your opinion was to Yes  If answered "Yes" to   Was this delay (cath   Clinical  If answered "Yes" to   then:	here a delay in going  No  [5a] then: lab)  Non clinical	<ul><li>○ Unknown</li><li>○ Both</li></ul>	○ Unknown
If answered "Yes" to   Was this delay (cath I O Clinical  If answered "Yes" to   then:	[5a] then: lab) O Non clinical	O Both	O Unknown
Was this delay (cath I  Clinical  If answered "Yes" to   then:	Non clinical	•	○ Unknown
If answered "Yes" to   then:		•	O Unknown
then:	[2a] and "Yes" to [5a		Olikilowii
then: Please expand on you		aj and "Clinical", "No	on clinical" or "Both" to [5b]
Please expand on you	BCI		
	an answer (delay i ci	<u>,                                      </u>	
	here room for impro	vement in the cardia	ac management of this
patient? Please answer this ques	stion even if the patient	t did not go to the cath	ı lab
○ Yes	O No	Unknown	
If answered "Yes" to   Please expand on you			
I			

a. How would you rate the cardiac care the patient received?								
<ul><li>○ Good</li><li>○ Unknown</li></ul>	Adequate	O Poor	O Unacceptable					
7b. Please expand	on your answer (rate car	diac)						

### F. Admission to Hospital

la. To which ward was the patient first admi	tted post ED and/or PCI service?
<ul> <li>General ITU (level 3 or mixed level 2/3)</li> <li>General HDU (level 2)</li> <li>CCU (level 2)</li> <li>Cardiology ward</li> <li>Level 2 (type unknown)</li> <li>Unknown</li> </ul>	<ul> <li>Cardiac ITU (level 3)</li> <li>Cardiac HDU (level 2)</li> <li>General/acute ward</li> <li>Level 3 (type unknown)</li> <li>Level 0/1 (type unknown)</li> <li>NA patient died in ED or PCI service</li> </ul>
If not listed above, please specify here	
1b. In your opinion was this an appropriate lo	evel of care for the patient?
○ Yes	○ No
O Unknown	NA, patient died before being admitted
1c. If answered "Yes" or "No" to [1b] then: Please provide reason(s) for your answer	•

### G. Investigations

1a.	Which of the following investigations were u	nderta	iken	during this admission?
	☐ CT head	□ ст	pulm	nonary angiogram
	CT (other)	☐ Poi	int of	care ultrasound / FAST scan
	POC echocardiogram (non cardiologist perform	ning)		
	☐ Cardiology Echocardiogram	_	rial E	
	☐ High sensitivity troponin	☐ Un	know	vn
	None			
	Please specify any additional options here			
	rease speeny any additional options here			
_				
	tes and times of investigations If answered "CT head" to [1a] then:			
	CT Head (date)			
				Unknown
_				CHRIGWII
1c.	If answered "CT head" to [1a] then: CT head (time)			
			П	Unknown
14	If answered "CT pulmonary angiogram" to [1	al the	n.	
ıu.	CT pulmonary angiogram	.a, the	•••	
				Unknown
1e.	If answered "CT pulmonary angiogram" to [1 CT pulmonary angiogram (time)	.a] the	n:	
				Unknown
1f.	If answered "CT (other)" to [1a] then: CT other			
				Unknown
1g.	If answered "CT (other)" to [1a] then: CT other (time)			
				Unknown
1h.	If answered "Point of care ultrasound / FAST Point of care ultrasound / FAST scan	scan"	to [1	la] then:
			П	Unknown
1i.	If answered "Point of care ultrasound / FAST	scan"	_ to [1	lal then:
	Point of care ultrasound / FAST scan (time)			au, mom
				Unknown
1j.	If answered "POC echocardiogram (non card POC echocardiogram (non cardiologist perfo			forming)" to [1a] then:
				Unknown
1k.	If answered "POC echocardiogram (non cardi POC echocardiogram (non cardiologist perfo			
				Unknown
٠.	16		_	Officiowii
11.	If answered "Cardiology Echocardiogram" to Cardiology Echocardiogram	[1a] th	nen:	
				Unknown

lf answered "Cardiology Echocardiog Cardiology Echocardiogram (time)	gram to [1a] then:
	☐ Unknown
If answered "Serial ECG" to [1a] the Serial ECG	n:
	Unknown
If answered "Serial ECG" to [1a] then Serial ECG (time)	n:
	Unknown
If answered "High sensitivity tropon High sensitivity troponin	in" to [1a] then:
	Unknown
lf answered "High sensitivity tropon High sensitivity troponin (time)	in" to [1a] then:
	Unknown
If answered "CT head" to [1a] then: Other (date)	
	Unknown
If answered "CT head" to [1a] then: Other (time)	
	Unknown
	ons omitted that should have been undertaken?
	O Unknown
If answered "Yes" to [2a] then: Which investigations?	
CT head	CT pulmonary angiogram
_	Point of care ultrasound / FAST scan
	Serial ECG
High sensitivity troponin	
	e
Please specify any additional options her	
Please specify any additional options her	
	- Cin
Please specify any additional options her  If answered "Yes" to [2a] then:  Please expand on your answer (inve	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
If answered "Yes" to [2a] then:	
	If answered "Serial ECG" to [1a] their Serial ECG (time)  If answered "High sensitivity tropon High sensitivity troponin  If answered "High sensitivity tropon High sensitivity troponin (time)  If answered "CT head" to [1a] then: Other (date)  If answered "CT head" to [1a] then: Other (time)  In your opinion were any investigation of the investigations?  If answered "Yes" to [2a] then: Which investigations?  CT head CT (other) POC echocardiogram (non cardiologis) Cardiology Echocardiogram

3a.	In your opinion were there any delays to car	rying out any of the investigations?
	<ul><li>Yes</li><li>Not applicable none undertaken</li></ul>	O No O Unknown
	If answered "Yes" to [3a] then: Please expand on your answer (delayed inve	estigation)

#### H. Level 2/3 admissions

O Yes		O No
NA patient died i		
If answered "Yes" Date of admission		
		Unknown
If answered "Yes" Time of admission		
		Unknown
If answered "No" t		2/3 care in your opinion should they have been
O Yes	O No	Unknown
If answered "Yes"	to [1d] then:	
Please expand on	your answer (not admi	tted to level 2/3)
irway		
irway		
_	to [1a] then:	
_		
. If answered "Yes" Was the patient in	tubated?	O Halmania
. If answered "Yes"		○ Unknown
. If answered "Yes" Was the patient in	ntubated?  No	
. If answered "Yes" Was the patient in Yes . If answered "Yes"	tubated?  No to [1a] and "Yes" to [2	a] then:
. If answered "Yes" Was the patient in Yes . If answered "Yes"	ntubated?  No	a] then:
. If answered "Yes" Was the patient in Yes . If answered "Yes"	tubated?  No to [1a] and "Yes" to [2	a] then: ted?
. If answered "Yes" Was the patient in Yes  . If answered "Yes"	tubated?  No to [1a] and "Yes" to [2	a] then:
. If answered "Yes" Was the patient in O Yes  . If answered "Yes" How many hours o	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubat	a] then: ted?
. If answered "Yes" Was the patient in	tubated?  O No  to [1a] and "Yes" to [2 lid they remain intubat  to [1a] then:	a] then: ted?
. If answered "Yes" Was the patient in Yes  . If answered "Yes" How many hours of  . If answered "Yes" Was a tracheostor	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubat  to [1a] then: ny performed?	a] then: ted?  hours Unknown
. If answered "Yes" Was the patient in O Yes  . If answered "Yes" How many hours o	tubated?  O No  to [1a] and "Yes" to [2 lid they remain intubat  to [1a] then:	a] then: ted?
. If answered "Yes" Was the patient in  Yes  If answered "Yes" How many hours of  If answered "Yes" Was a tracheostor  Yes	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubat  to [1a] then: ny performed?	a] then: ted? hours Unknown Unknown
. If answered "Yes" Was the patient in Yes  . If answered "Yes" How many hours of  . If answered "Yes" Was a tracheostor Yes  I. If answered "Yes"	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubat  to [1a] then: ny performed?	a] then: ted? hours Unknown Unknown
. If answered "Yes" Was the patient in  Yes  If answered "Yes" How many hours of  If answered "Yes" Was a tracheostor  Yes	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubat  to [1a] then: ny performed?	a] then: ted? hours Unknown Unknown
. If answered "Yes" Was the patient in  Yes  If answered "Yes" How many hours of  If answered "Yes" Was a tracheostor  Yes  If answered "Yes" Was this:	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated to [1a] then: my performed?  No  to [1a] and "Yes" to [2	a] then: ted? hours Unknown Unknown
If answered "Yes" Was the patient in  Yes  If answered "Yes" How many hours of  If answered "Yes" Was a tracheostor  Yes  If answered "Yes" Was this:  Surgical	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in t	a] then: ted? hours Unknown Unknown
If answered "Yes" Was the patient in Yes  If answered "Yes" How many hours of  If answered "Yes" Was a tracheostor Yes  If answered "Yes" Was this: Surgical If answered "Yes"	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in t	a] then: ted? hours Unknown Unknown
If answered "Yes" Was the patient in Yes If answered "Yes" How many hours of If answered "Yes" Was a tracheostor Yes If answered "Yes" Was this: Surgical	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated to [1a] then: ny performed?  No  to [1a] and "Yes" to [2  Percutaneous  to [2c] then:	a] then: ted? hours Unknown Unknown
If answered "Yes" Was the patient in Yes  If answered "Yes" How many hours of If answered "Yes" Was a tracheostor Yes  If answered "Yes" Was this: Surgical If answered "Yes" Indication for trace	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in t	a] then: ted?  hours Unknown  Unknown  to] then:
If answered "Yes" Was the patient in O Yes  If answered "Yes" How many hours of If answered "Yes" Was a tracheostor O Yes  If answered "Yes" Was this: O Surgical If answered "Yes"	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in t	a] then: ted? hours Unknown Unknown
i. If answered "Yes" Was the patient in  Yes  i. If answered "Yes" How many hours of  ii. If answered "Yes" Was a tracheostor  Yes  ii. If answered "Yes" Was this:  Surgical ii. If answered "Yes" Indication for trace  Respiratory	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in the s	a] then: ted?  hours Unknown  Unknown  to] then:
A. If answered "Yes" Was the patient in  Yes  O. If answered "Yes" How many hours of  C. If answered "Yes" Was a tracheostor  Yes  I. If answered "Yes" Was this:  Surgical  C. If answered "Yes" Respiratory	tubated?  No  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in t	a] then: ted?  hours Unknown  Unknown  to] then:
O Yes  D. If answered "Yes" How many hours of the control of the c	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in the s	a] then: ted?  hours Unknown  Unknown  to] then:
A. If answered "Yes" Was the patient in  Yes  O. If answered "Yes" How many hours of  C. If answered "Yes" Was a tracheostor  Yes  I. If answered "Yes" Was this:  Surgical  C. If answered "Yes" Respiratory  Please specify any a	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated to [1a] then: my performed?  No  to [1a] and "Yes" to [2 Percutaneous to [2c] then: heostomy  Neurological dditional options here	a] then: ted? hours
i. If answered "Yes" Was the patient in  Yes  i. If answered "Yes" How many hours of  ii. If answered "Yes" Was a tracheostor  Yes  ii. If answered "Yes" Was this:  Surgical ii. If answered "Yes" Indication for trac  Respiratory  Please specify any a  iii. If answered "Yes"	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated in the second in the s	a] then: ted? hours
i. If answered "Yes" Was the patient in Yes i. If answered "Yes" How many hours of ii. If answered "Yes" Was a tracheostor Yes ii. If answered "Yes" Was this: Surgical ii. If answered "Yes" Indication for trac Respiratory Please specify any a	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated to [1a] then: my performed?  No  to [1a] and "Yes" to [2 Percutaneous to [2c] then: heostomy  Neurological dditional options here	a] then: ted? hours
a. If answered "Yes" Was the patient in  Yes  D. If answered "Yes" How many hours of  C. If answered "Yes" Was a tracheostor  Yes  I. If answered "Yes" Was this:  Surgical  E. If answered "Yes" Indication for trac  Respiratory  Please specify any a  f. If answered "Yes"	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated to [1a] then: my performed?  No  to [1a] and "Yes" to [2 Percutaneous to [2c] then: heostomy  Neurological dditional options here	a] then: ted? hours
A. If answered "Yes" Was the patient in  Yes  O. If answered "Yes" How many hours of  C. If answered "Yes" Was a tracheostor  Yes  I. If answered "Yes" Was this:  Surgical  C. If answered "Yes" Indication for trace  Respiratory  Please specify any a  f. If answered "Yes"	tubated?  No  to [1a] and "Yes" to [2 lid they remain intubated to [1a] then: my performed?  No  to [1a] and "Yes" to [2 Percutaneous to [2c] then: heostomy  Neurological dditional options here	a] then: ted? hours

2g.	If answered "Yes" to Time of insertion:	o [1a] and "Yes" to [2	c] then:
			Unknown
2h.	If answered "Yes" to Date of removal:	o [1a] and "Yes" to [2	c] then:
			Unknown
2i.	If answered "Yes" to Time of removal:	o [1a] and "Yes" to [2	c] then:
			Unknown
Br	eathing		
3a.	If answered "Yes" to Did the patient requ	o [1a] then: uire invasive ventilate	ory support?
	O Yes	O No	O Unknown
3b.		o [1a] and "Yes" to [3 rom ventilation (extu	
			hours Not Applicable Unknown
3с.	If answered "Yes" to Were prophylactic a	o [1a] then: intibiotics given to pi	revent pneumonia?
	O Yes	O No	O Unknown
3d.	If answered "Yes" to Did the patient deve	o [1a] then: elop ventilator associ	iated pneumonia?
	O Yes	O No	O Unknown
Cir	culation		
4a.	If answered "Yes" to Was a target BP (MA	o [1a] then: AP or systolic) used?	
	O MAP	Systolic	O No O Unknown
4b.	If answered "Yes" to What was the targe		Systolic" to [4a] then:
			mm/Hg Unknown
4c.	If answered "Yes" to Did the patient requ	o [1a] then: uire blood pressure s	upport?
	O Yes	O No	O Unknown
4d.	If answered "Yes" to Were any of the foll	o [1a] and "Yes" to [4 owing used?	lc] then:
	☐ Vasoconstrictors ☐ VV ECMO	☐ Inotrope☐ Ventricu	vA ECMO  llar assist device Balloon pump
	Please specify any add	ditional options here	
4e.	If answered "Yes" to Was cardiac output		
	O Yes	O No	O Unknown

5a.	If answered "Yes" to [1a] then: In your opinion was there room for improvement in the level 2/3 care management of th patient?				
	O Yes	O No	O Unknown		
5b.	If answered "Yes" to [ Please expand on you				

## 1a. Was targeted temperature management (TTM) used? ( No Not indicated Unknown 1b. If answered "Yes" to [1a] then: Was there a clearly documented plan for the temperature and duration of TTM? ( No Unknown Yes 1c. If answered "Yes" to [1a] then: Was the target temperature range documented? ( No 1d. If answered "Yes" to [1a] and "Yes" to [1c] then: What was the target temperature range? Unknown 32-36 $\bigcirc$ <36 () <37 If not listed above, please specify here... 1e. If answered "Yes" to [1a] then: What was the planned duration of TTM? ☐ Unknown 2a. If answered "Yes" to [1a] then: **Date TTM commenced:** ☐ Unknown 2b. If answered "Yes" to [1a] then: Time TTM commenced: ☐ Unknown 2c. If answered "Yes" to [1a] then: **Date TTM discontinued** ☐ Unknown 2d. If answered "Yes" to [1a] then: Time TTM discontinued: ☐ Unknown 3a. If answered "Yes" to [1a] then: Highest temperature < 24h ■ Not Applicable ■ Unknown 3b. If answered "Yes" to [1a] then: Highest temperature 24 - 48h □ Not Applicable □ Unknown 3c. If answered "Yes" to [1a] then: Highest temperature 48 - 72h ■ Not Applicable ■ Unknown 3d. If answered "Yes" to [1a] then: Highest temperature 72 - 96h ■ Not Applicable ■ Unknown

I. Targeted Temperature Management

4a.	If answered "Yes How was TTM de				
	☐ lce packs☐ Intravascular device		☐ Cold intravenous fluids ☐ Unknown		☐ External cooling device
	Please specify any	additional op	tions here		
4b.	If answered "Yes Was the TTM dev			edback of temper	ature measurement?
	O Yes	O No		O Unknown	
	If answered "Yes Was TTM discont			ined?	
	O Yes	O No		O Unknown	
5a.	If answered "Yes In your opinion v Please answer this	vas there ro	om for imp		TM management of this patient?
	O Yes	O No		Unknown	
	If answered "Yes Please expand or	n your answ	er (TTM)?		
6a.	If answered "Yes How would you r			ient?	
	<ul><li>Good</li><li>Unknown</li></ul>	O Add	equate	O Poor	O Unacceptable
6b.	If answered "Yes Please expand o			M)	

	J. Neurological assess	ment and management	
1a. Highest GCS within 2	4h of ROSC?		
O 3 O 7 O 11 O 15	O 4 O 8 O 12 O Unknown	<ul><li>○ 5</li><li>○ 9</li><li>○ 13</li></ul>	O 6 O 10 O 14
1b. Highest GCS 24 - 48h		0 -	
O 3 O 7 O 11 O 15	O 4 O 8 O 12 O Unknown	O 5 O 9 O 13 O Not Applicable	O 6 O 10 O 14
1c. Highest GCS 48-72h?			
O 3 O 7 O 11 O 15	O 4 O 8 O 12 O Unknown	O 5 O 9 O 13 O Not Applicable	O 6 O 10 O 14
1d. Highest GCS 72-96h?		0.5	
O 3 O 7 O 11 O 15	O 4 O 8 O 12 O Unknown	O 5 O 9 O 13 O Not applicable	O 6 O 10 O 14
1e. Highest GCS during a	_	0 -	
O 3 O 7 O 11 O 15	O 4 O 8 O 12 O Unknown	O 5 O 9 O 13	<ul><li>○ 6</li><li>○ 10</li><li>○ 14</li></ul>
2. Was continuous EEG :	monitoring used?		
O Yes	O No	O Unknown	
3a. Was the patient seda	ted?		
O Yes	O No	O Unknown	
3b. If answered "Yes" to Which drugs were use			
Fentanyl Propofol	☐ Alfentanil ☐ Midazolam	☐ Remifentanil ☐ Dexmedetomidine	☐ Morphine
Please specify any addit	ional options here		
3c. If answered "Yes" to Number of hours cont	[3a] then: inuous sedation used:		
	I	hours Unknown	
4a. Was the patient able	to obey commands at a	any stage of the admic	sion?
Yes	No	O Unknown	Jivili
4b. If answered "Yes" to What date did this fir	[4a] then:		
		Unknown	

	at time did thi	s first occur?	☐ Unknown
a. Wa	s any seizure a	activity noted?	
0	Yes	O No	Unknown
	nswered "Yes" en was seizure	to [5a] then: activity noted?	
	< 24h	24-48h	☐ > 48 ☐ Time unknown
Plea	ase specify any a	additional options here	
	nswered "Yes" at type of seiz		
	Focal/partial		☐ Generalised
	Myoclonic		Non-convulsive (EEG diagnosed)
Plea	ase specify any a	additional options here	
d. We	re anti-epilept	ic drugs started?	
0	Yes	O No	Unknown
	nswered "Yes" ich drugs were		
	our opinion wa	as there room for imp	rovement in the neurological management of this
-	Yes	O No	○ Unknown
		•	•

## K. Prognostication 1a. Was neurological prognostication undertaken? O No Not applicable Unknown 1b. If answered "Yes" to [1a] then: When was neurological prognostication first undertaken? ☐ Unknown 1c. If answered "Yes" to [1a] then: When was neurological prognostication first undertaken? ☐ Unknown 1d. If answered "Yes" to [1a] then: Was neurological prognostication repeated? Unknown Yes 1e. If answered "Yes" to [1d] and "Yes" to [1a] then: What date was neurological prognostication last undertaken? ☐ Unknown 1f. If answered "Yes" to [1d] and "Yes" to [1a] then: When was neurological prognostication last undertaken? ☐ Unknown 2a. If answered "Yes" to [1a] then: Were biomarkers of neurological injury measured? ☐ Yes Neuron-specific enolase (NSE) ∏ No ☐ Unknown Please specify any additional options here... 2b. If answered "Yes" to [1a] then: Which of the following were undertaken (clinical prognostication)? □ Pupillary light reflexed ☐ Corneal reflexes ■ No clinical prognostication Please specify any additional options here... 2c. If answered "Yes" to [1a] then: What was undertaken (electrophysiology)? ☐ EEG intermittent ☐ EEG continuous ☐ EEG with Bispectral (BIS) moinitoring SSEPs (short-latency somatosensory evoked potentials) ■ No electrophysiology Please specify any additional options here... 2d. If answered "Yes" to [1a] then: What was undertaken (imaging)? ☐ CT Brain /cerebral CTA ☐ 4 vessel cerebral catheter angiography ■ No imaging Please specify any additional options here...

es	O No	Unknown
	es" to [1a] and "Yes" o on your answer (timin	
	es" to [1a] then: n was the process for n	eurological prognostication appropriate?
your opinion		eurological prognostication appropriate?  O Unknown
your opinion Yes Inswered "Y	n was the process for n	
your opinion Yes answered "Y	n was the process for n  No  [es" to [1a] then:	
your opinion Yes answered "Y	n was the process for n  No  [es" to [1a] then:	
your opinion  Yes  answered "Y	n was the process for n  No  [es" to [1a] then:	
your opinion Yes answered "Y	n was the process for n  No  [es" to [1a] then:	

## L. Escalation planning 1. Did the patient have a prior advance directive? ( ) Yes ( No Unknown 2. Did the patient have a DNACPR order in place prior to hospital admission? Unknown Yes O No 3a. Was a DNACPR order made in hospital? O Yes Unknown ( No 3b. If answered "Yes" to [3a] then: **Date DNACPR order made** ☐ Unknown 3c. If answered "Yes" to [3a] then: **Time DNACPR order made** ☐ Unknown 3d. If answered "Yes" to [3a] then: Was the DNACPR order agreed by a consultant? Yes ( No Unknown 4. Was a wider treatment escalation plan made in hospital? Yes ( No Unknown 5a. Was treatment limited at any stage? Yes ( No Unknown 5b. If answered "Yes" to [5a] then: Please explain: 5c. Was a decision made to withdraw life sustaining treatment? Unknown Yes O No 5d. If answered "Yes" to [5c] then: Which of the following contributed to treatment withdrawal? Pre-existing comorbidities ☐ Pre-admission functional limitation Degree of (multi)organ failure Predicted poor neurological outcome Poor cardiac function ☐ Frailty Patient wishes ☐ Family wishes ☐ Unknown Please specify any additional options here...

O Yes	○ No	Unable to answer	
Please expand	(escalation)		

#### M. Discharge and outcome

та.	What was the discharge location?					
	O Usual place of residence	<ul> <li>Transferred to another hospital</li> </ul>				
	O Discharged to another hospital	Other residence (e.g. family member)				
	Residential home	Nursing home				
		O Narsing nome				
O Rehabilitation unit						
	Not applicable patient died during this ac	Imission				
	If not listed above, please specify here					
1b.	What was the date of discharge or deat	h?				
		Unknown				
1c.	What was the time of discharge or deat	h?				
		Unknown				
2a.	If answered "Usual place of residence", another hospital" or "Other residence (e Was the patient assessed by a heart rhy					
	O Yes O No	○ Unknown				
2b.	If answered "Yes" to [2a] then: What was the outcome of the assessme	nt?				
 3a	If answered "Usual place of residence" of	or "Other residence (e.g. family member)" to [1a]				
Ju	then: Was the patient assessed for physical a					
	☐ Physical rehabilitation					
	Neither	Not applicable, patient died in hospital				
	Unknown	Not applicable, patient died in nospital				
	Please specify any additional options here					
3b.	If answered "Physical rehabilitation" to Did the patient require physical rehabili					
	O Yes O No	Unknown				
3c.	If answered "Neurological rehabilitation Did the patient require neurological reh					
	O Yes O No	O Unknown				
4a.	another hospital" or "Other residence (e	"Transferred to another hospital", "Discharged to e.g. family member)" to [1a] then: corded in the notes prior to hospital discharge?				
	O Yes O No	Not applicable				

4b.	another hospital", "C home" or "Rehabilita					
	CPC 1 Good Cerebra	al Performance (Normal	Life)			
	O CPC 2 Moderate Ce	rebral Disability (Disable	d but Independent)			
	O CPC 3 Severe Cerek	oral Disability (Conscious	but Disabled and Dependent)			
	CPC 4 Coma/Vegeta	ative State (Unconscious	)			
	CPC 5 Brain Death					
	Other scale used					
	If not listed above, plea	se specify here				
5a.	then: In your opinion was t		"Other residence (e.g. family member)" to [1a] rement in the assessment of the patient's ?			
	() Yes	O No	() Unknown			
5b.	then:	lace of residence" or 'ur answer (discharge)	"Other residence (e.g. family member)" to [1a]			
6a.	then:		"Other residence (e.g. family member)" to [1a]			
	O Yes		○ No			
	O Not applicable patie	ent died in hospital	O Unknown			
6b.	If answered "Usual place of residence" or "Other residence (e.g. family member)" to [1a] then: Was psychological review offered within the first six months from discharge?					
	_	eview offered within the				
	Yes  Not applicable patie	ent died in hospital	○ No ○ Unknown			
6c.	If answered "Usual p then:	lace of residence" or	"Other residence (e.g. family member)" to [1a]			
In your opinion was the follow that was arranged for this patient adequate?						
	O Yes	O No	O Unknown			

	on your answer (follo	ow up)
ients that died	in hospital	
		died during this admission" to [1a] then: ppeared on death certificate?
- The Co	ause of death as it a	ppeared on death certificate:
		died during this admission" to [1a] then:
Was organ dona	ot applicable patient ation considered?	died during this admission" to [1a] then:  O Unknown
Was organ dona  Yes f answered "No	ntion considered?  No No No patient	_
Was organ dona  Yes f answered "No Was a specialist	ntion considered?  No No No patient	Unknown died during this admission" to [1a] then:
Was organ dona  Yes  f answered "No Was a specialist  Yes  f answered "Ye	ntion considered?  No  No  No at applicable patient nurse for organ do  No  S" to [8a] then:	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?
Was organ dona  Yes  f answered "No Was a specialist  Yes  f answered "Ye Did organ donat	No S" to [8a] then:	<ul><li>Unknown</li><li>died during this admission" to [1a] then: nation (SNOD) involved?</li><li>Unknown</li></ul>
Was organ dona O Yes If answered "No Was a specialist O Yes If answered "Ye Did organ donat O Yes	No S" to [8a] then: tion occur? No	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown
Was organ dona  Yes  f answered "No Was a specialist  Yes  f answered "Ye Did organ donat  Yes  f answered "No chen:	No S" to [8a] then: tion occur?  No No No No	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown
Was organ dona  Yes  f answered "No Was a specialist  Yes  f answered "Ye Did organ donat  Yes  f answered "No then: Was this organ	No S" to [8a] then: tion occur? No	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]
Was organ dona O Yes If answered "No Was a specialist O Yes If answered "Ye Did organ donat O Yes If answered "No then: Was this organ O Brain death (D	No S" to [8a] then: tion occur?  No	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]  ath (DCD) Unable to answer
Was organ dona  Yes  f answered "No Was a specialist  Yes  f answered "Ye Did organ donat  Yes  f answered "No then: Was this organ  Brain death (D f answered "Ye then:	No No No No No No No No No S" to [8a] then: tion occur?  No No No No No No Ct applicable patient donation after DBD) Cardiac de S" to [8c] and "Not a	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]  ath (DCD) Unable to answer applicable patient died during this admission" to [1a]
Was organ dona  Yes  If answered "No Was a specialist  Yes  If answered "Ye Did organ donat  Yes  If answered "No then: Was this organ of Brain death (D  If answered "Ye then:	No S" to [8a] then: tion occur?  No	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]  ath (DCD) Unable to answer applicable patient died during this admission" to [1a]
Was organ dona  Yes  f answered "No Was a specialist  Yes  f answered "Ye Did organ donat  Yes  f answered "No then: Was this organ  Brain death (D f answered "Ye then:	No No No No No No No No No S" to [8a] then: tion occur?  No No No No No No Ct applicable patient donation after DBD) Cardiac de S" to [8c] and "Not a	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]  ath (DCD) Unable to answer applicable patient died during this admission" to [1a]
Was organ dona  Yes  If answered "No Was a specialist  Yes  If answered "Ye Did organ donat  Yes  If answered "No then: Was this organ  Brain death (E If answered "Ye then: If yes, which organ  If answered "No then:	tion considered?  No  No  t applicable patient nurse for organ do  No  s" to [8a] then: tion occur?  No  t applicable patient donation after  DBD) Cardiac de s" to [8c] and "Not a gans were donated?	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]  ath (DCD) Unable to answer applicable patient died during this admission" to [1a]  died during this admission" to [1a] and "No" to [8a]
Was organ dona  Yes  If answered "No Was a specialist  Yes  If answered "Ye Did organ donat  Yes  If answered "No then: Was this organ  Brain death (E If answered "Ye then: If yes, which organ  If answered "No then:	tion considered?  No  No  t applicable patient nurse for organ do  No  s" to [8a] then: tion occur?  No  t applicable patient donation after  DBD) Cardiac de s" to [8c] and "Not a gans were donated?	Unknown  died during this admission" to [1a] then: nation (SNOD) involved?  Unknown  Unknown  died during this admission" to [1a] and "Yes" to [8c]  ath (DCD) Unable to answer applicable patient died during this admission" to [1a]

Please expand	(organ)		

### N. Overall Quality of Care

1a.	Overall quality of care
	<ul> <li>Good practice - A standard that you would expect from yourself, your trainees and your institution</li> <li>Room for improvement - Aspects of CLINICAL care that could have been better</li> <li>Room for improvement - Aspects of ORGANISATIONAL care that could have been better</li> <li>Room for improvement - Aspects of CLINICAL AND ORGANISATIONAL care that could have been better</li> <li>Less than satisfactory - SEVERAL ASPECTS OF CLINICAL AND/OR ORGANISATIONAL care that were well</li> <li>Insufficient data</li> </ul>
1b.	Please provide reasons for assigning this grade
2.	Cause for concern cases - occasionally NCEPOD will refer cases that have been identified as "less than satisfactory" when it is felt that further feedback to the Trust/Board concerned is warranted. This is usually due to an area of concern particular to the hospital or clinician involved, and not for issues highlighted across the body of case notes. This process has been agreed by the NCEPOD Steering group and the GMC. The medical director of the Trust/Board is written to by the Chief Executive of NCEPOD explaining our concerns. This process has been in operation for ten years and the responses received have always been positive in that they feel we are dealing with concerns in the most appropriate manner. Do you feel that this case should be
	considered for such action?  ( ) Yes
	O 163
3a.	Are there any issues from this case that you feel should be highlighted in the report?
	O Yes O No
3b.	If answered "Yes" to [3a] then: Please provide details (vignette)