Appendix 2. Pre-randomisation and post-randomisation CT scan forms (paper version adapted into web version for data collection).

CRASH-3: CT Scan Sub-Study - ISRCTN 15088122

PRE-RANDOMISATION CT SCAN FORM

	CRASH-3 SUB-STUDY: PRE-RANDOMISATION CT SCAN FORM 1. a. □ first reader											
Comp	Complete as requested and circle where appropriate, please do not leave blanks. b. □ second reader											
2	a.Box			3. Has this patient been scanned before randomisation? YES / NO								
	b.Pack					Time between injury and scan (hrs):						

4. Haemorrhagic findings

a. Is there any intracranial bleeding on CT scan?									Question 5			
(circle one option of	nn each line) If Y								If YE	S, con	tinue	
Please specify type and volume of haemorrhage:												
b. Parenchymal	YES	NO										
bii. Code	Α	В	С	(ABC/	2)/1000	H	łU*	No	te			Codes
												Codes
												L: Left
												R: Right
c. Subdural	YES	NO	(mea	sure wi	dth only	")						T: Temporal
cii. Code		В				H	łU	No	te			F: Frontal
												P: Parietal
												O: Occipital
												BG: Basal Ganglia
d. Epidural	YES	NO										B: Brainstem
dii. code	Α	В	С	(ABC/	2)/1000	H	łU	No	te			Abbreviations
												Appreviations
												A: maximal diameter
												(mm);
e. Intraventricular	YES	NO										B: maximal diameter perpendicular to A
eii. code	Α	В	С	(ABC/	2)/1000	H	łU	No	te			(mm);
												C: number of slices
												on which
						T						haemorrhage is visible multiplied by
f. Petechial	YES	NO	Note:									slice thickness (mm);
g. Subarachnoid	YES	NO	(tick o	ne opti	on per li	ine f	or ea	ch h	naemo	orrhag	e)	
gii. code	Small Medium Large		HU	HU: Hounsfield Unit								
	F	M	D	F	M	D		F	М	D	HU	F: Focal
												M: Multiple
												D: Diffuse

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5. CT characteristics

o. o		
Marshall Classification (circle YES to the most severe option only)		
a. Diffuse injury I (no visible pathology)	YES	NO
b. Diffuse injury II (cisterns present with midline shift 0-5mm; no lesion >25cm3)	YES	NO
c. Diffuse injury III (cisterns compressed/absent with midline shift 0-5mm; no lesion > 25cm ³)	YES	NO
d. Diffuse injury IV (midline shift > 5mm; no lesion > 25cm ³)	YES	NO
e. Evacuated mass lesion (any lesion surgically evacuated)	YES	NO
f. Non-evacuated mass lesion (lesion >25cm³; not surgically evacuated)	YES	NO

6. Non-haemorrhagic findings (circle one option on each line)

a. Is there any sign of acute focal ischaemic lesion?	YES	NO	Volume:	A: mm	B: mm	C: mm	ABC/2: cm ³
b. Are there any oedematous lesions?	YES	NO	bi. total vo	lume in ml			

7. Mass effect findings (circle one option on each line)

Please specify if any of the following mass effect signs are present:								
a. Sulcal effacement	YES	NO						
b. Ventricular effacement	YES	NO						
c. Midline shift	YES	NO	ci. approximate shift (mm)					
If yes to any of the above, is the	mass e	ffect ca	used by:					
d. Haemorrhage	YES	NO						
e. Oedema	YES	NO						
f. Both	YES	NO						

8. Neurosurgery

			b. Type of surgery:		
a. Did the patient undergo neurosurgery?	YES	NO		c. Date of surgery	// (dd/mm/yyyy)

9. Details of reading

a. Name of the person completing the form		b. Date of reading	// (dd/mm/yyyy)
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Has this patient been scanned after randomisation into the trial?	YES / NO
Any relevant patient notes	

*Place curser on most visually dense portion of lesion

"If the width of a subdural bleed is greater than 6mm, we can assume the volume is 27cm3 (i.e. to aid rating the Marshall Classification)

Protocol code: ISRCTN15088122

Version 1.1 Pre-randomisation CT Scan Form

CRASH-3: CT Scan sub-study – ISRCTN 15088122

POST-RANDOMISATION CT SCAN FORM

CRASH-3 SUB-										1. a.	☐ first reader
Complete as requ	ested ai	nd circle	where a	ppropria	ite, plea	se do n	ot leav	re blank	is.	b.	second reader
2. a.Box b.Pack	Time between randomisation and scan (hrs): b.Pack										
Are the follow-up C	T scan	parame	eters co	mparab	le with	the init	ial CT	scan?)		YES NO
4. Haemorr	hagid	findi	ngs								
a. Is there any intra (circle one option of			g on C	T scan?	?	YE	s	NO		O, go to ES, cor	o Question 5 ntinue
Please specify typ			of had	emorrh	age:					,	
b. Parenchymal	YES	NO			ugo.						
bii. Code	A	В	С	(ABC/	2)/1000)) HU	J* N	Vote			
				(· ·	,	,					Codes
											L: Left
c. Subdural	YES	NO	(mea	sure wi	dth only	/")					R: Right
cii. Code		В	(mea			HL	J	Vote			T: Temporal
SII. 0000								1010			F: Frontal
											P: Parietal O: Occipital
											O. Occipital
d. Epidural	YES	NO									BG: Basal Ganglia
dii. code	A	В	С	(ABC/	2)/1000	HU	J	Vote			B: Brainstem
un. codo				(1.001	2,, 1000			1010			Abbreviations
							\top				
							\neg				A: maximal diameter
e. Intraventricular	YES	NO									(mm); B: maximal diameter
eii. code	A	В	С	(ABC/	2)/1000	HU	J N	Vote			perpendicular to A
on. codo			Ŭ	(1201	2), 1000	, , , , ,	' '	1010			(mm);
							\dashv				C: number of slices on which
						\top	\top				haemorrhage is
f. Petechial	YES	NO	Note:	l .							visible multiplied by
g. Subarachnoid	YES	NO		ne optio	on per l	line for	each	haemo	rrhad	e)	slice thickness (mm);
gii. code		Small	1		Medium			Large		<u> </u>	HU: Hounsfield Unit
J 5525	F	M	D	F	М	D	F	M	D	HU	TIO. TIOURIDIOIG OTH
	<u> </u>						<u> </u>				F: Focal
											M: Multiple D: Diffuse
											D. Dilluso
h. Is this a new had	emorrh:	age (not	seen o	n pre-r	andomi	sation	scan)	?	YES	NO	
hi. Give details (e.g									up):		
, ,				-							

CRASH-3: CT Scan sub-study - ISRCTN 15088122

5. CT characteristics

Marshall Classification (circle YES to the most severe option only)						
a. Diffuse injury I (no visible pathology)	YES	NO				
b. Diffuse injury II (cisterns present with midline shift 0-5mm; no lesion >25cm³)	YES	NO				
c. Diffuse injury III (cistems compressed/absent with midline shift 0-5mm; no lesion > 25cm ³)	YES	NO				
d. Diffuse injury IV (midline shift > 5mm; no lesion > 25cm ³)	YES	NO				
e. Evacuated mass lesion (any lesion surgically evacuated)	YES	NO				
f. Non-evacuated mass lesion (lesion >25cm³; not surgically evacuated)	YES	NO				

6. Non-haemorrhagic findings (circle one option on each line)

a. Is there any sign of acute focal ischaemic lesion?	YES	NO	Volume:	A: mm	B: mm	C: mm	ABC/2: cm ³
ai. Is this a new acute focal ischaemic lesion (not seen on the pre-randomisation scan)?	YES	NO					
b. Are there any oedematous lesions?	YES	NO	bi.total volu	ıme in ml			

7. Mass effect findings (circle one option on each line)

Please specify if any of the following mass effect signs are present:								
a. Sulcal effacement	YES	NO						
b. Ventricular effacement	YES	NO						
c. Midline shift	YES	NO	ci. approximate shift in mm					
If yes to any of the above, is the	mass ef	fect cau	ised by:					
d. Haemorrhage	YES	NO						
e. Oedema	YES	NO						
f. Both	YES	NO						

8. Neurosurgery

a. Did the patient undergo neurosurgery?	YES	NO	b. Type of surgery:	c. Hours between surgery and CT scan:
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9. Details of reading

a. Name of the person completing the form		c. Date of reading	//_ (dd/mm/yyyy)
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10. Ischaemic lesions on further post-randomisation scans

ai. Is there a second post-randomisation scan?	YES	NO
aii. If there is a second post-randomisation scan, is there a new focal ischaemic lesion?	YES	NO
bi. Is there a third post-randomisation scan?	YES	NO
bii. If there is a third post-randomisation scan, is there a new focal ischaemic lesion?	YES	NO

Any relevant patient	
notes (including info on	
further scans)	

Protocol date: 09/JANUARY/2019

Protocol Version 1.4

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