Data Collection Pro-forma

Participant Study ID:
Participant Questionnaire: Reason for further investigation:
Height (cm): Weight (kg): Blood Pressure: Pulse rate:
Functional Status: 0 - you are fully active, more or less as you were before your illness
1 - you cannot carry out heavy physical work, but can do anything else
2 - you are up and about more than half the day. You can look after yourself, but cannot work
Estimated walking distance:
Previous Heart Disease: Known to have AF or other arythmia: Yes/No Known IHD (Angina, ACS, MI): Yes/No Details: Previous Treatments:
Patients had echo in past: Yes/No Details
Current Medications:

CDU:						
Participant Study ID:						
Completed by (investigators na	ıme):					
Time start:			Time Co	ompleted:		
<u>Diagnostic images obtained of:</u>		4				
Aortic neck		es/No				
Aneurysm body with graft in sit		es/No				
Bifurcation		es/No		(2.01)		
Right CIA (Midpoint of limb)		es/No		(Midpoint of lir		Yes/No
Right Limb/native transition	Ye	es/No	Left Lim	b/native transit	ion	Yes/No
Aortic Measurements:						
PSV in native aorta:						
Native Aorta PI:						
Neck / D2 diameter (mm):						
Aneurysm /D3 diameter (mm):						
Endoleak seen: Yes/No						
Details:	<u>Endoleak</u>	1	Endolea	ak 2	Endolea	ak 3
Type:	la/lb/II/III,	_ /Other	la/lb/ll/	/III/Other	Ia/Ib/II/III/Other	
Inflow point(s):						
Outflow point(s):						
Certain of flow directio	n: Yes/No		Yes/No		Yes/No	
Limbs:						
				. 6		
	<u>Right</u>		<u>Left</u>			
Distal PSV measurement						
PI						
Wave form	Mono / Bi	/ Triphasic	Mono / Bi / Triphasic			
Comments:						
Common Formand Autorion						
Common Femoral Arteries:	Diah+			l oft		
	<u>Right</u>			<u>Left</u>		
Distal PSV measurement						
PI						
Wave form	Mono / Bi	/ Triphasic		Mono / Bi / Trip	ohasic	

Comments:

CEUS:

Participant Study ID:

Completed by (investigators name):

Time start: Time Completed:

First Contrast Injection: (all timings from start of contrast injection)

Time till seen in graft(s):

Time till seen in endoleak (s):

Contrast seen in Endoleak 1: Yes / No Endoleak 1 Type: Ia/Ib/II/III/Other Contrast Seen in Endoleak 2: Yes / No Endoleak 2 Type: Ia/Ib/II/III/Other Contrast seen in Endoleak 3: Yes / No Endoleak 3 Type: Ia/Ib/II/III/Other

Second Contrast Injection:

Time till seen in graft(s):

Time till seen in endoleak (s):

Contrast seen in Endoleak 1: Yes / No Endoleak 1 Type: Ia/Ib/II/III/Other Contrast Seen in Endoleak 2: Yes / No Endoleak 2 Type: Ia/Ib/II/III/Other Contrast seen in Endoleak 3: Yes / No Endoleak 3 Type: Ia/Ib/II/III/Other

Temporal CTA (i	n scan r	neası	ıreme	nts)					
Participant Study ID:		Completed by (investigators name):							
Time start:		Time Completed:							
Temporal CTA (report	ing)								
Completed by (investi	gators nan	ne):							
Time reporting started	d:	Time re	eporting	finished	:				
Phase 2.5 Seconds									
Image quality: Fully o	diagnostic		5	4	3	2	1	Non-diagnostic	
Endoleak seen:	Yes/No								
Details:		<u>Endole</u>	ak 1		Endole	ak 2		Endoleak 3	
Type:		la/lb/ll	/III/Oth	er	la/lb/ll	/III/Oth	er	la/lb/II/III/Other	
Inflow point(s):								
HU at inflow:									
Outflow point	(s):								
HU at outflow	' :								
Certain of flov	v direction	ı: Yes/N	lo		Yes/No)		Yes/No	
Hounsfield Unit measu	uromonts	/ovelue	ling any	calcifica	tion of a	roft ctri	icturoc)		
nounsileid Offit meast	arements.	(exclud	illig ally	Calcilica	נוטווטו צ	graft Strt	ictures)		
Inferior vena cava:							HU		
Aortic lumen at superi	ior fabric r	narkers	of end	ograft:					
Aortic lumen at bifurc	ation of er	ndograf	t:		HU				
Iliac lumen at Distal er	nd of right	limb of	fendogi	aft			HU		
Iliac lumen at distal er	_		_				HU		
Phase 5 Seconds									
Image quality: Fully of	_		5	4	3	2	1	Non-diagnostic	
Endoleak seen:	Yes/No								
Details:		Endole				ak 2		Endoleak 3	
Type:		la/lb/ll	/III/Oth	er	Ia/Ib/II	/III/Oth	la/lb/II/III/Other		
Inflow point(s):								
HU at inflow:									
Outflow point									
HU at outflow									
Certain of flov	v direction	ı: Yes/N	lo		Yes/No)		Yes/No	
Hounsfield Unit measu	urements:	(exclud	ling any	calcifica	tion of g	graft stru	ıctures)		
Inferior vena cava:				HU					
Aortic lumen at superi	ior fabric r	narkers	ograft:			HU			
Aortic lumen at bifurc	ation of er	ndograf				HU			
Iliac lumen at Distal er	nd of right	limb of	raft			HU			
Iliac lumen at distal er	nd of left li	mb of e	HU						

Phase 7.5 Seco	nds								
Image quality:	Fully o	diagnostic	:	5	4	3	2	1	Non-diagnostic
Endoleak seen:		Yes/No							
Details: <u>En</u>				Endoleak 1			loleak 2		Endoleak 3
Type:			la/lb/	/II/III/Ot	ther	la/l	b/II/III/O	ther	la/lb/II/III/Other
Inflow	point(s):							
HU at i	nflow:								
Outflow	v point	(s):							
HU at c	utflow	:							
Certain	of flov	v direction	n: Yes/	'No		Yes	/No		Yes/No
Hounsfield Unit	t meası	urements:	: (exclı	uding ar	ny calcif	ication	of graft s	tructures)	
Inferior vena ca	ava:							HL	J
Aortic lumen at	superi	or fabric i	marke	rs of en	dograft	:	•••••	HL	J
Aortic lumen at	bifurc	ation of e	ndogra	aft:			•••••	HL	J
Iliac lumen at D	istal er	nd of right	t limb	of endo	graft			HL	J
Iliac lumen at d	istal er	nd of left l	imb of	endog	raft			HL	J
Phase 10 Secon	de								
Image quality:		diagnostic		5	4	3	2	1	Non-diagnostic
Endoleak seen:	-	Yes/No		J	7	3	2	1	Non-diagnostic
Details:		103/110		leak 1		Fnc	loleak 2		Endoleak 3
Type:				/II/III/O1	ther		b/II/III/O	ther	la/lb/II/III/Other
Inflow	noint(s):	10,10,	,,	ciici	ia,	5, 11, 111, 6	ci i ci	
HU at i		,.							
Outflow		(s):							
HU at o									
		v directio	n: Yes/	'No		Yes	/No	Yes/No	
Hounsfield Unit	t measi	urements:	: (exclı	uding ar	nv calcif	ication	of graft s	tructures')
			(,				
Inferior vena cava:								HU	
Aortic lumen at superior fabric markers of endograft: HU									
Aortic lumen at bifurcation of endograft:HU									
Iliac lumen at D		_	HU						
Iliac lumen at d	istal er		HL	J					

Phase 15 Secon	<u>ıds</u>							
Image quality:	Fully diagnost	ic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/N	0						
Details:		Endo	oleak 1		End	oleak 2	Endoleak 3	
Type:		la/lb	/11/111/01	ther	la/I	b/II/III/O	ther	la/lb/II/III/Other
Inflow	point(s):							
HU at i	nflow:							
Outflov	w point(s):							
HU at c	outflow:							
Certain	of flow directi	on: Yes	s/No		Yes	/No		Yes/No
Hounsfield Unit	t measurement	s: (exc	luding ar	ny calcif	ication	of graft s	tructures	s)
Inferior vena ca	ava:					•••••	H	U
Aortic lumen at	superior fabri	c mark	ers of en	ndograft	•		H	U
Aortic lumen at	bifurcation of	endog	raft:				H	U
Iliac lumen at D	istal end of rig	ht limb	of endo	graft			H	U
Iliac lumen at d	istal end of lef	limb c	of endog	raft			Н	U
Dhasa 20 Casan	ماء							
Phase 20 Secon		io	-	1	2	2	1	Non diagnostic
Image quality: Endoleak seen:	, .		5	4	3	2	1	Non-diagnostic
Details:	163/10		oleak 1		End	oleak 2		Endoleak 3
Type:)/II/III/O1	thor		b/II/III/O	thor	la/lb/ll/lll/Other
	point(s):	iajib	,, 11, 111, 01	tilei	iaji	0/11/111/0	tilei	ia/ib/ii/iii/Otilei
HU at i								
	w point(s):							
	outflow:							
	of flow directi	on: Yes	s/No		Yes	/No		Yes/No
Hounsfield Unit	: measurement	:s: (exc	luding ar	ny calcif	ication	of graft s	tructures	5)
Inferior vena ca	ıva:		H	U				
Aortic lumen at	: superior fabri	c mark	:		U			
Aortic lumen at	H	U						
Iliac lumen at D	istal end of rig	ht limb		HU				
Iliac lumen at d	istal end of left	limb c			H	U		

Phase 25 Secon	<u>ds</u>								
Image quality:	Fully d	iagnostic		5	4	3	2	1	Non-diagnostic
Endoleak seen:		Yes/No							
Details:		End	oleak 2	Endoleak 3					
Type:			la/lb/l	II/III/Ot	ther	la/II	b/II/III/O	ther	la/lb/II/III/Other
Inflow p									
HU at ir									
Outflow	v point(s):							
HU at o	utflow:								
Certain of flow direction: Yes/No Yes/No									Yes/No
Hounsfield Unit	measu	rements:	(exclu	ding ar	ny calcifi	cation	of graft s	tructures)	
Inferior vena ca	va:							HU	
Aortic lumen at	superio	or fabric r	marker	s of en	dograft			HU	
Aortic lumen at	bifurca	tion of e	ndogra	ıft:				HU	
Iliac lumen at D	istal en	d of right	limb c	of endo	graft				
Iliac lumen at d	istal en	d of left li	imb of	endog	raft				
Venous Phase									
Image quality:	Fully d	_		5	4	3	2	1	Non-diagnostic
Endoleak seen:		Yes/No							
Details:			Endol				oleak 2		Endoleak 3
Type:			la/lb/l	II/III/Ot	ther	la/II	b/II/III/O	ther	la/lb/ll/lll/Other
Inflow p		:							
HU at ir									
Outflov		-							
HU at o									
Certain	of flow	direction	n: Yes/	No		Yes,	/No		Yes/No
Hounsfield Unit	measu	rements:	(exclu	ding ar	ny calcifi	cation	of graft s	tructures)	
Inferior vena ca	va:							HU	
Aortic lumen at	or fabric r	marker							
Aortic lumen at	bifurca	tion of e		HU					
Iliac lumen at D	istal en	d of right	limb c	of endo	graft			HU	
Iliac lumen at distal end of left limb of endograft									

v1.4 (02/12/15)

Other comments / diagnostic findings: