

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 arrhythmia: 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 name):

Time start:

Time Completed:

Diagnostic images obtained of:

Aortic neck	Yes/No		
Aneurysm body with graft in situ	Yes/No		
Bifurcation	Yes/No		
Right CIA (Midpoint of limb)	Yes/No	Left CIA (Midpoint of limb)	Yes/No
Right Limb/native transition	Yes/No	Left Limb/native transition	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 1</u>	<u>Endoleak 2</u>	<u>Endoleak 3</u>
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other
Inflow point(s):			
Outflow point(s):			
Certain of flow direction: Yes/No		Yes/No	Yes/No

Limbs:

	<u>Right</u>	<u>Left</u>
Distal PSV measurement		
PI		
Wave form	Mono / Bi / Triphasic	Mono / Bi / Triphasic

Comments:

Common Femoral Arteries:

	<u>Right</u>	<u>Left</u>
Distal PSV measurement		
PI		
Wave form	Mono / Bi / Triphasic	Mono / Bi / Triphasic

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 (in scan measurements)

Participant Study ID: _____ Completed by (investigators name): _____

Time start: _____ Time Completed: _____

Temporal CTA (reporting)

Completed by (investigators name): _____

Time reporting started: _____ Time reporting finished: _____

Phase 2.5 Seconds

Image quality: Fully diagnostic 5 4 3 2 1 Non-diagnostic

Endoleak seen: Yes/No

Details: Endoleak 1 Endoleak 2 Endoleak 3

Type: Ia/Ib/II/III/Other Ia/Ib/II/III/Other Ia/Ib/II/III/Other

Inflow point(s):

HU at inflow:

Outflow point(s):

HU at outflow:

Certain of flow direction: Yes/No Yes/No Yes/No

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU

Aortic lumen at superior fabric markers of endograft: HU

Aortic lumen at bifurcation of endograft: HU

Iliac lumen at Distal end of right limb of endograft HU

Iliac lumen at distal end of left limb of endograft HU

Phase 5 Seconds

Image quality: Fully diagnostic 5 4 3 2 1 Non-diagnostic

Endoleak seen: Yes/No

Details: Endoleak 1 Endoleak 2 Endoleak 3

Type: Ia/Ib/II/III/Other Ia/Ib/II/III/Other Ia/Ib/II/III/Other

Inflow point(s):

HU at inflow:

Outflow point(s):

HU at outflow:

Certain of flow direction: Yes/No Yes/No Yes/No

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU

Aortic lumen at superior fabric markers of endograft: HU

Aortic lumen at bifurcation of endograft: HU

Iliac lumen at Distal end of right limb of endograft HU

Iliac lumen at distal end of left limb of endograft HU

Phase 7.5 Seconds

Image quality:	Fully diagnostic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/No						
Details:	<u>Endoleak 1</u>	<u>Endoleak 2</u>		<u>Endoleak 3</u>			
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other		Ia/Ib/II/III/Other			
Inflow point(s):							
HU at inflow:							
Outflow point(s):							
HU at outflow:							
Certain of flow direction:	Yes/No		Yes/No			Yes/No	

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU
Aortic lumen at superior fabric markers of endograft: HU
Aortic lumen at bifurcation of endograft: HU
Iliac lumen at Distal end of right limb of endograft HU
Iliac lumen at distal end of left limb of endograft HU

Phase 10 Seconds

Image quality:	Fully diagnostic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/No						
Details:	<u>Endoleak 1</u>	<u>Endoleak 2</u>		<u>Endoleak 3</u>			
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other		Ia/Ib/II/III/Other			
Inflow point(s):							
HU at inflow:							
Outflow point(s):							
HU at outflow:							
Certain of flow direction:	Yes/No		Yes/No			Yes/No	

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU
Aortic lumen at superior fabric markers of endograft: HU
Aortic lumen at bifurcation of endograft: HU
Iliac lumen at Distal end of right limb of endograft HU
Iliac lumen at distal end of left limb of endograft HU

Phase 15 Seconds

Image quality:	Fully diagnostic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/No						
Details:	<u>Endoleak 1</u>	<u>Endoleak 2</u>		<u>Endoleak 3</u>			
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other		Ia/Ib/II/III/Other			
Inflow point(s):							
HU at inflow:							
Outflow point(s):							
HU at outflow:							
Certain of flow direction:	Yes/No		Yes/No			Yes/No	

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU
Aortic lumen at superior fabric markers of endograft: HU
Aortic lumen at bifurcation of endograft: HU
Iliac lumen at Distal end of right limb of endograft HU
Iliac lumen at distal end of left limb of endograft HU

Phase 20 Seconds

Image quality:	Fully diagnostic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/No						
Details:	<u>Endoleak 1</u>	<u>Endoleak 2</u>		<u>Endoleak 3</u>			
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other		Ia/Ib/II/III/Other			
Inflow point(s):							
HU at inflow:							
Outflow point(s):							
HU at outflow:							
Certain of flow direction:	Yes/No		Yes/No			Yes/No	

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU
Aortic lumen at superior fabric markers of endograft: HU
Aortic lumen at bifurcation of endograft: HU
Iliac lumen at Distal end of right limb of endograft HU
Iliac lumen at distal end of left limb of endograft HU

Phase 25 Seconds

Image quality:	Fully diagnostic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/No						
Details:	<u>Endoleak 1</u>	<u>Endoleak 2</u>		<u>Endoleak 3</u>			
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	
Inflow point(s):							
HU at inflow:							
Outflow point(s):							
HU at outflow:							
Certain of flow direction:	Yes/No		Yes/No			Yes/No	

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU
Aortic lumen at superior fabric markers of endograft: HU
Aortic lumen at bifurcation of endograft: HU
Iliac lumen at Distal end of right limb of endograft HU
Iliac lumen at distal end of left limb of endograft HU

Venous Phase

Image quality:	Fully diagnostic	5	4	3	2	1	Non-diagnostic
Endoleak seen:	Yes/No						
Details:	<u>Endoleak 1</u>	<u>Endoleak 2</u>		<u>Endoleak 3</u>			
Type:	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	Ia/Ib/II/III/Other	
Inflow point(s):							
HU at inflow:							
Outflow point(s):							
HU at outflow:							
Certain of flow direction:	Yes/No		Yes/No			Yes/No	

Hounsfield Unit measurements: (excluding any calcification of graft structures)

Inferior vena cava: HU
Aortic lumen at superior fabric markers of endograft: HU
Aortic lumen at bifurcation of endograft: HU
Iliac lumen at Distal end of right limb of endograft HU
Iliac lumen at distal end of left limb of endograft HU

Other comments / diagnostic findings: