

## Supplementary table 1

### Details of additional interventions:

<b><i>Allocated to SET</i></b>	<b>Specification</b>	<b>Number</b>	
<b><i>Endovascular revascularization</i></b>	PTA iliac artery	10	
	PTA iliac artery with stent	17	
	PTA iliac artery bilateral	6	
	PTA iliac artery bilateral with stent	18	
	PTA femoral artery	2	
	PTA femoral artery with stent	1	
	PTA iliac and femoral artery	1	
	PTA in-stent stenosis iliac artery	1	
	PIER femoral artery with stent	1	
	PTA popliteal artery	1	
	CERAB	2	
	Thrombolysis	1	
	PTA femoral popliteal bypass stenosis	1	
	<b><i>Surgical revascularization</i></b>	Thrombendarterectomy femoral artery	1
Femoral popliteal bypass		1	
Femoral femoral crossover bypass		2	
Aorta bifemoral bypass		1	
Thrombendarterectomy with femoral popliteal bypass		1	
Removal infected bypass		1	
<b><i>Hybrid intervention</i></b>	PTA iliac artery with thromboendarterectomy	1	
	PTA iliac artery with stent and thrombendarterectomy	1	
	PTA iliac artery with stent, thrombectomy and venous patch	2	
<b><i>Allocated to ER</i></b>			
	<b><i>Endovascular revascularization</i></b>	PTA iliac artery	6
		PTA iliac artery with stent	6
		PTA iliac artery bilateral	2
		PTA iliac artery bilateral with stent	4
		PTA iliac and femoral artery with stent	1
		PTA in-stent stenosis iliac artery	2
		PTA femoral bypass stenosis	1
		Thrombectomy	1
	<b><i>Surgical revascularization</i></b>	Thrombendarterectomy femoral artery	5
		Femoral popliteal bypass	3
		Aorta iliac bypass	1
		Aorta bi-iliac bypass	1
		Iliac femoral crossover bypass with thrombendarterectomy	1

<b>Hybrid intervention</b>	Uni-iliac EVAR with femoral femoral crossover bypass	1
	PTA iliac artery with stent, thrombectomy and thrombendarterectomy	1

\*This table shows four more additional interventions than table 5, since there was one patient with seven additional interventions in the group allocated to SET.

## Supplementary table 2

### Outcomes in patients with iliac artery obstruction with concomitant superficial femoral artery stenosis or occlusion.

Outcome	SET (n=58)	ER (n=59)	
<b>Maximum walking distance m (95% CI)</b>			
Baseline	188 (171-206)	197 (179-214)	
1 month	407 (334-480)	494 (419-569)	p=.087
6 months	525 (450-598)	507 (434-580)	p=.727
12 months	555 (480-630)	585 (510-659)	p=.562
<b>Pain free walking distance m (95% CI)</b>			
Baseline	91 (78-106)	95 (80-110)	
1 month	202 (129-275)	287 (211-363)	P=.099
6 months	249 (174-323)	340 (266-414)	p=.074
12 months	374 (299-450)	485 (409-560)	p=.035

### Outcomes in patients with iliac artery obstruction without concomitant superficial femoral artery stenosis or occlusion.

Outcome	SET (n=56)	ER (n=67)	
<b>Maximum walking distance m (95% CI)</b>			
Baseline	186 (168-204)	196 (179-212)	
1 month	420 (346-494)	492 (428-555)	P=.127
6 months	535 (458-612)	550 (487-612)	p=.755
12 months	571 (492-650)	566 (501-630)	p=.909
<b>Pain free walking distance m (95% CI)</b>			
Baseline	75 (65-84)	82 (69-95)	
1 month	174 (89-260)	397 (323-471)	p<.001
6 months	298 (209-386)	421 (348-494)	p=.027
12 months	368 (277-460)	414 (338-489)	p=.429