

## Supplementary Tables

**Supplementary Table 1: Centers across Europe which took part in COST anaLYsis of Target Lesion Revascularization (TLR) in patients with femoropopliteal in-stent-restenosis or occlusion (per country)**

Centers ( <i>site investigator and site name/location</i> )	Number of patients*
<b>Germany</b>	
Prof. Dr. med. Giovanni Torsello, Münster	117
Dr. Giovanni F. Torsello, Göttingen	64
Dr. Konstantinos Stavroulakis, Prof. Dr. Nikolaos Tsilimparis, Dr. Nikolaos Konstantinou, München	35
<b>Great Britain</b>	
Prof. Athanasios Saratzis, Leicester	56
<b>Italy</b>	
Dr. Nicola Troisi, Pisa	20
Dr. Emiliano Chisci, Florence	30
Dr. Giacomo Isernia, Perugia	30
Dr. Mario D'Oria, Trieste	30
Dr. Stefano Fazzini, Rome	19
<b>Spain</b>	
Dr. Andrés Reyes, Madrid	27
Dr. Mercedes Guerra, Guadalajara	11
<b>Belgium</b>	
Prof. Dr. Isabelle V. Herzeele, Ghent	28
<b>France</b>	
Dr. Raphael Coscas, Paris	15

\*a total of 40 duplicate entries were removed from all analyses. No missing cost data were found following individual queries with all sites and investigators.

**Supplementary Table 2: Costs of endovascular devices reported in euros, used in patients with femoropopliteal in-stent-restenosis or occlusion– only for procedures including an endovascular component**

<b>Device/equipment description</b>	Median (range)
Wires, sheaths	952 (677 - 4990)
Number of wires used	2 (1-11)
Plain balloons	90 (50-2080)
Number of plain balloons used	2 (1-19)
DCBs	140 (0-4077)
DCBs used (number)	1 (0-5)
Bare metal stents	800 (0-1582)
Number of bare metal stents used	2 (0-5)
Drug eluting stents	890 (0-1330)
Number of drug eluting stents used	1 (0-2)

Filters/embolic-protection devices	112 (0-1200)
Number of filters used	0 (0-2)
Atherectomy device(s)	440 (0-1885)
Thrombectomy devices cost	670 (0-1090)
Number of Atherectomy or thrombectomy devices used	0 (0-1)
<b>Overall costs of all endovascular equipment</b>	
Endovascular procedures	2979 (2330- 4556)
Hybrid procedures	2903 (2403 4992)

DCB: drug coated balloon

**Supplementary Table 3: Costs (Euros) of intra- and peri- operative care reported in euros – for the target-lesion revascularization (TLR) procedure in patients with femoropopliteal in-stent-restenosis or occlusion. Reported as median (range).**

Costs	All	Open	Endovascular	Hybrid
Operating time	21 917 (2 110)	23 337 (8 920)	12 903 (3108)	22 806 (3 977)
Inpatient stay	399 (300)	1 933 (902)	371 (107)	404 (103)
Intensive care stay	201 (192)	744 (332)	0 (0-1150)	203 (0-1150)

**Supplementary Table 4: Costs (Euro) per time unit associated with the target-lesion revascularization (TLR) procedure in patients with femoropopliteal in-stent-restenosis or occlusion.**

	Median	Range
Cost per operating minute	195	77-400
Cost per night stay in hospital	400	300-655
Cost per overnight intensive care stay	1000	950-2 490

**Supplementary Table 5: Regression evaluating potential associations between important clinical variables and procedural costs in COST anaLYsis (COSTLY) Target Lesion Revascularisation (TLR) study.**

Variable	Coefficient	SE	<i>p</i>
Age in years	0.377	.61	.02
Hospital*	0.556	.29	.19
Country*	0.501	0.33	.86
Urgent TLR	1.162	.89	.04
Open surgical TLR**	1.591	.74	.001
TLR duration (per unit/hour)	2.77	.88	<.001
ICU admission (per uni/day)	1.41	.67	.01

CLTI	2.50	0.32	.005
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TLR: target lesion revascularization

SE: standard error

ICU: intensive care unit

CLTI: chronic limb threatening ischaemia

$R^2 = 0.21$

\*where the revascularization procedure took place

\*\*vs. endovascular TLR

\*\*\*United Kingdom (UK) institutions/data were compared to non-UK sites (as the UK has only one healthcare payer/provider)