

Supplementary material**Table 1.** Unit costs used for index hospitalization and adverse events (in €)

Type of service/product/event	French unit cost (€)	UK unit cost (€)	Source
Index hospitalization			
Stent DES	573	573	Statutory health insurance tariffs
Catheter IVUS	454	454	Manufacturer price
Balloon	50	50	Manufacturer price
Guide wire	50	50	Manufacturer price
Catheter guide	35	35	Manufacturer price
PCI (per min) ±	Range : 2-13	NA	French national hospital cost study
Cardiology ward day ±	Range: 155-1,200	NA	French national hospital cost study
Intensive care unit day	Range: 323 - 807	NA	French DRG tariffs for public hospital

		Range :	
Hospitalization day±	NA	393 – 3,408	National schedule of NHS costs
Events at 12 months			
Fatal myocardial Infarction	1,773	3,133	French national hospital cost study, National schedule of NHS costs
Nonfatal myocardial Infarction without revascularization	3,183	1,449	French national hospital cost study, National schedule of NHS costs
Nonfatal myocardial Infarction with revascularization	4,882	4,781	French national hospital cost study, National schedule of NHS costs
Revascularization without Myocardial Infarction	4,144	3,086	French national hospital cost study, National schedule of NHS costs
Fatal stroke	2,739	2,399	French national hospital cost study, National schedule of NHS costs

± valued with severity-adjusted diagnosis related group cost data. DES: drug-eluting stent;

PCI: percutaneous coronary intervention

Table 2. Details of adverse events at one year (per protocol analysis)

	Stepwise		Systematic dual		p-value
	provisional (N = 224)		(N =225)		
	N	Mean ± sd	N	Mean ± sd	
Events					
• Death from any cause	6	0.03 (± 0.16)	10	0.04 (± 0.21)	0.320
• Myocardial infarctions	26	0.12 (± 0.36)	27	0.12 (± 0.36)	0.909
• Revascularization	36	0.16 (± 0.49)	39	0.17 (± 0.48)	0.785
• Stroke	2	0.01 (± 0.09)	1	0.00 (± 0.07)	0.569

Table 3. Resource use, per-patient cost (inflated) in € and clinical results by randomization group at one-year (per-protocol analysis)

	Stepwise provisional (N = 224)	Systematic dual (N =225)	p-value
MACEs	0.21 (± 0.55)	0.25 (± 0.61)	0.379
Initial admission days	3.17 (± 3.66)	3.56 (± 4.59)	0.320
Number of repeat hospital admissions	0.22 (± 0.61)	0.24 (± 0.62)	0.772
French costs (€)			
Initial admission	4,864 (± 3,138)	5,593 (± 3,493)	0.021
• Intensive care unit days	335 (± 800)	335 (± 704)	0.995
• Floor bed days	2,452 (± 2,178)	2,692 (± 2,641)	0.294
• Procedure ±	554 (± 306)	602 (± 329)	0.112
• Stents	926 (± 615)	1,337 (± 446)	<0.001
• Balloons	243 (± 104)	272 (±110)	0.004
• Guides	354 (± 245)	355 (± 225)	0.956
Repeat hospital admissions	841 (± 2,408)	881 (± 2,357)	0.857
• Within 30 days	87 (± 642)	33 (± 488)	0.316

• Between 30 days and 6 months	266 (± 1,292)	399 (± 1,426)	0.299
• Between 6 months and 12 months	488 (± 1,837)	449 (± 1,472)	0.804
Total 1-year costs	5,705 (± 4,125)	6,474 (± 4,483)	0.059
UK costs (€)			
Initial admission	6,181 (± 1,999)	6,802 (± 2,156)	0.002
• Hospitalization ±	4,658 (± 1,806)	4,838 (± 2,055)	0.325
• Stents	926 (± 615)	1,337 (± 446)	<0.001
• Balloons	243 (± 104)	272 (± 110)	0.004
• Guides	354 (± 245)	355 (± 225)	0.956
Repeat hospital admissions	540 (± 1,608)	569 (± 1,589)	0.847
• Within 30 days	42 (± 351)	18 (± 272)	0.415
• Between 30 days and 6 months	181 (± 886)	260 (± 1,027)	0.381
• Between 6 months and 12 months	316 (± 1,235)	290 (± 980)	0.804
Total 1-year costs	6,721 (± 2,501)	7,371 (± 2,776)	0.009

MACEs, major adverse cardiovascular events including all-cause death, non-fatal myocardial infarction, and target lesion revascularization;

±: Excluding the costs of stents, balloons and guides.

