

Table S3. Acquisition costs of the study sedatives in pooled population and the MIDEX and PRODEX trials, expressed as €/patient.

	Mean (SD)		Difference in means, €	Median (IQR)		Difference in medians, €
	dexmede- tomidine	standard care		dexmede- tomidine	standard care	
Pooled	313.7 (372.1)	104.6 (126.6)	209.1	187.5 (80.7 - 388.0)	59.0 (25.8 - 138.4)	128.5
MIDEX	270.5 (382.0)	68.7 (77.2)	201.8	140.8 (53.9 - 302.3)	36.0 (16.2 - 99.0)	104.8
PRODEX	357.0 (357.4)	140.9 (153.8)	116.1	237.5 (120.6 - 471.6)	89.7 (39.8 - 181.3)	147.8

In terms of quantity, mean total dexmedetomidine consumption was 15 x 200 mcg ampoules (mean 3.0 mg; median 1.6 mg) in MIDEX, while 86 x 5 mg of midazolam (mean 429.6 mg, median 224.9 mg) was used. Mean duration of dexmedetomidine use was 2.53 days (60.6 hours), and of midazolam 3.25 days (78 hours). In PRODEX mean total dexmedetomidine consumption was 20 x 200 mcg (4.0 mg, median 2.6 mg) and propofol consumption 12 x 1,000 mg (mean 11 745.2 mg, median 7,473.8 mg). Mean duration of dexmedetomidine use was 2.51 days (60.3 hours) and of propofol 3.37 days (80.8 hours).