

Appendix 1. The PSM result of Cisatracurium Besylate Injection.

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	40779	38364	-8.42***	/	/
Post-procurement	40773	38363		Age	-0.5
				Gender	-2.7
				Disease diagnosis type	-5.1
				Department of admission	0.5
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					

Appendix 2. The PSM result of Rocuronium Bromide Injection.

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	3002	3000	-8.44***	/	/
Post-procurement	8292	8277		Age	-1.2
				Gender	-3.9
				Disease diagnosis type	2.3
				Department of admission	-1.5
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					

Appendix 3. The PSM result of muscle relaxant regimen (intervention point: the 7th round centralized procurement).

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	1060	1052	-6.08***	/	/
Post-procurement	2077	2047		Age	-3.8
				Gender	9.1
				Disease diagnosis type	2.0
				Department of admission	-3.8
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					

Appendix 4. The PSM result of Lidocaine Hydrochloride Injection.

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	114218	113955	-10.52***	/	/
Post-procurement	37727	37726		Age	2.3
				Gender	-2.9
				Disease diagnosis type	-0.1
				Department of admission	3.8
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					

Appendix 5. The PSM result of Ropivacaine Hydrochloride Injection.

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	8925	8908	71.62***	/	/
Post-procurement	5993	5992		Age	-6.1
				Gender	-4.3
				Disease diagnosis type	1.7
				Department of admission	-4.0
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					

Appendix 6. The PSM result of local anesthesia regime (intervention point: the 5th round centralized procurement).

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	32525	32521	85.67***	/	/
Post-procurement	45481	45466		Age	-0.4
				Gender	-0.3
				Disease diagnosis type	-2.7
				Department of admission	-3.0
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					

Appendix 7. The PSM result of local anesthesia regime (intervention point: the 7th round centralized procurement).

Group	Number of prescriptions		ATT, T-stat	Individual-level covariates	SMD (%)
	Before PSM	After PSM			
Pre-procurement	42171	42166	-66.26***	/	/
Post-procurement	35726	35721		Age	-0.8
				Gender	1.4
				Disease diagnosis type	-2.9
				Department of admission	-0.9
*: T-stat > 1.96; **: T-stat > 2.58; ***: T-stat > 3.29					