

Supplemental Table S4: Case Numbers by Institution

Institution	Total	Knee	Open	Abdominal	Total		
Anonymous	Hip	Replace-	Spine	Thoracic	Mastec-	Abdominal	Total
ID	Hip	ment	Surgery	Procedure	tomy	Surgery	Total
1	15	7	18	5	1	50	96
2	0	4	1	1	0	8	14
3	14	19	44	3	11	62	153
4	4	7	4	1	1	32	49
5	9	19	6	3	2	32	71
6	0	1	7	2	12	85	107
7	14	10	19	4	9	49	105
8	23	10	28	1	6	122	190
9	9	2	26	0	8	85	130
10	0	0	16	6	5	59	86
11	3	4	11	1	3	46	68
Total	91	83	180	27	58	630	1069