

Supplementary Table 2. Number of major operations before and after rapid response system implementation

Variable	Pre-RRS	RRS	P-value
General surgery	4,883 (51.3)	4,573 (44.9)	0.027
Gastrectomy	1,661 (34.0)	1,458 (31.9)	
Colon and/or rectum resection	1,733 (35.5)	1,761 (38.5)	
Liver resection	550 (11.3)	472 (10.3)	
Liver transplantation	266 (5.4)	251 (5.5)	
Open cholecystectomy	138 (2.8)	111 (2.4)	
Pancreas resection	322 (6.6)	324 (7.1)	
Adrenal gland resection	112 (2.3)	101 (2.2)	
Abdominal aorta aneurysm repair	24 (0.5)	20 (0.4)	
Vascular bypass surgery	67 (1.4)	54 (1.2)	
Carotid endarterectomy	10 (0.2)	21 (0.5)	
Gynecologic surgery	1,285 (13.5)	1,505 (14.8)	0.027
Hysterectomy	1,279 (99.5)	1,486 (98.7)	
Pelvic floor surgery	6 (0.5)	19 (1.3)	
Neurosurgery	152 (1.6)	291 (2.9)	<0.001
Craniectomy	67 (44.1)	66 (22.7)	
Bypass surgery	9 (5.9)	62 (21.3)	
Spinal laminectomy	76 (50.0)	163 (56.0)	
Orthopedic Surgery	1,261 (13.3)	1,533 (15.0)	0.253
Knee, hip, shoulder or elbow joint replacement	1,194 (94.7)	1,471 (96.0)	
Hardware removal or revision for infection of failure	22 (3.6)	18 (2.9)	
Amputation (except toe, hand, foot)	45 (1.7)	44 (1.2)	
Ear, nose, throat surgery	36 (0.4)	39 (0.4)	0.491
Laryngectomy	18 (50.0)	23 (59.0)	
Major flap operation	18 (50.0)	16 (41.0)	
Urologic surgery	1,628 (17.1)	1,896 (18.6)	0.234
Bladder or prostate resection	702 (43.1)	856 (45.1)	
Kidney and/or ureter resection	926 (56.9)	1,040 (54.9)	
Plastic surgery	265 (2.8)	358 (3.5)	NA
Free flap reconstruction	265 (100)	358 (100)	
Total	9,510 (100)	10,195 (100)	<0.001

Values are presented as number (%). Pre-RRS: August 2013 to July 2015, RRS: August 2015 to July 2017.

RRS: rapid response system; NA, not applicable.