



Accreditation Council for Graduate Medical Education

Hand Surgery Case Logs

National Data Report

Prepared by: Department of Applications and Data Analysis

I. National Resident Statistics Main Table

A. This main table provides a national picture of educational experiences. The report is ideal for establishing and assessing national policy related to resident practical experiences. Data are broken out by patient type (adult, pediatric, and all).

B. Descriptive statistics have been carefully chosen to provide the most useful information for judging performance at that national level.

i. "Natl Res AVE" - The national average describes the mean number of procedures performed per resident in the nation.

ii. "Natl Res STD" - The standard deviation indicates how tightly the scores are clustered around the mean in the set of data.

iii. "Natl Res MIN" - The minimum value among procedure counts in the nation.

iv. "Natl Res MED" - The median value among procedure counts in the nation.

v. "Natl Res MAX" - The maximum value seen among procedure counts in the nation.

II. National Benchmark Report for Resident Statistics

The table displays selected percentile benchmarks of program averages. For example, a score at the 10th percentile indicates that 10% of residents achieved less than the value while the remaining 90% achieved more than the value.

HAND SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 8, 2014

[PART 1]		Programs in the Nation: 61 Residents in the Nation: 141														
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
HAND SURGERY	Wound I&D fasciotomy/wound preparation	49.9	37.2	4	42	224	46.7	34.7	4	40	216	3.2	4.2	0	2	25
	Wound closure without graft	6.4	9.2	0	3	51	5.7	8.4	0	3	50	0.6	1.5	0	0	12
	Wound closure with graft	9.0	8.7	0	7	43	7.8	7.7	0	6	39	1.2	1.9	0	0	9
	Wound reconstruction with flap	10.0	6.9	0	9	30	8.2	5.9	0	7	27	1.8	2.3	0	1	12
	Amputation	15.6	11.3	0	14	54	14.5	10.8	0	13	48	1.1	1.7	0	0	8
	Tendon/muscle	71.4	32.9	5	67	248	64.9	30.6	5	58	233	6.5	7.6	0	4	45
	Nerve injury	30.7	16.3	1	27	99	28.2	15.1	1	26	89	2.5	3.1	0	1	13
	Hand fractures/dislocation/ligament injury	56.3	24.8	2	55	134	51.1	23.2	2	48	134	5.2	5.6	0	4	30
	Wrist fracture/dislocation	47.5	19.9	4	46	106	45.4	19.2	4	44	104	2.1	2.4	0	1	13
	Forearm & proximal fracture/dislocation	17.9	11.7	0	15	61	16.0	10.9	0	14	55	1.9	2.5	0	1	12
	Hand reconstruction, releases, etc.	60.7	24.2	9	58	145	56.9	23.6	9	53	145	3.8	4.1	0	2	19
	Wrist reconstruction, releases, arthrodesis, etc.	35.1	19.1	4	29	125	33.1	18.8	4	27	123	2.0	2.7	0	1	17
	Forearm/elbow/shoulder reconstruction, releases	15.9	16.5	0	12	118	15.1	16.0	0	11	113	0.8	1.7	0	0	11
	Dupuytren's	14.7	10.5	0	13	65	14.4	10.1	0	12	65	0.3	1.1	0	0	10
	Nerve decompression	131.2	54.4	18	128	288	128.1	54.0	18	124	284	3.0	3.5	0	2	25
	Decompression of tendon sheath/synovectomy/ganglions	96.3	48.4	13	88	278	90.7	47.7	13	87	274	5.5	6.1	0	4	36
	Vascular repair/reconstruction/replantation/microvascular	14.2	11.6	0	12	56	13.1	11.0	0	10	50	1.1	1.8	0	0	9
	Congenital	9.4	8.1	0	8	44	1.6	3.3	0	0	27	7.8	7.4	0	7	40
	Tumor/osteomyelitis	24.0	12.4	1	22	64	21.2	11.9	1	19	63	2.8	3.9	0	2	27
	Total Hand Surgery	716.1	207.2	78	685	1,354	662.8	195.2	78	649	1,248	53.4	38.6	0	46	174

Statistics are based upon all procedures logged by residents.

HAND SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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[PART 2]		Programs in the Nation: 61 Residents in the Nation: 141														
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
ARTHROSCOPY	Shoulder	33.0	54.5	0	12	336	32.4	54.3	0	12	332	0.5	1.9	0	0	17
	Elbow	5.2	6.5	0	4	43	4.5	5.8	0	3	40	0.7	1.8	0	0	11
	Wrist	18.5	12.9	1	15	65	17.8	12.9	1	14	65	0.7	1.4	0	0	11
	Total Arthroscopy	56.7	59.6	1	36	387	54.7	59.0	1	35	379	2.0	4.0	0	0	30
OTHER	Nail surgery	7.2	7.2	0	5	38	6.2	6.7	0	4	37	0.9	1.6	0	0	10
	Bone/cartilage/fascia grafts	2.5	3.7	0	1	22	2.1	3.2	0	1	21	0.4	1.0	0	0	5
	Miscellaneous insertion or removal of devices	24.1	13.5	1	23	78	22.1	12.8	0	20	76	2.0	2.5	0	1	12
	Closed treatment of fractures and dislocations	6.9	15.6	0	3	131	5.5	13.5	0	2	131	1.4	5.8	0	0	61
	Total Other Procedures	40.7	24.2	1	36	149	35.9	21.7	0	31	149	4.8	7.3	0	3	65
ONCOLOGY	Total Oncology Cases	9.2	15.7	0	2	89	8.3	14.2	0	2	74	0.9	2.3	0	0	17
MICROSURGERIES	Total Microsurgeries	87.3	147.6	0	60	1,092	80.8	140.3	0	51	1,043	6.5	10.9	0	3	92
NON-TRACKED	Total Non-Tracked Codes	143.1	134.3	2	96	764	128.9	124.0	2	77	679	14.2	17.3	0	8	99

Statistics are based upon all procedures logged by residents.

HAND SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 8, 2014

[PART 1]		Programs in the Nation: 61					Residents in the Nation: 141									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
HAND SURGERY	Wound I&D fasciotomy/wound preparation	13	29	42	57	93	12	26	40	52	90	0	1	2	4	8
	Wound closure without graft	0	2	3	6	14	0	2	3	6	13	0	0	0	0	2
	Wound closure with graft	1	4	7	10	19	1	3	6	9	16	0	0	0	1	4
	Wound reconstruction with flap	2	5	9	13	20	1	4	7	11	15	0	0	1	2	5
	Amputation	3	8	14	19	30	3	8	13	18	28	0	0	0	1	4
	Tendon/muscle	35	52	67	84	113	32	47	58	76	101	0	2	4	8	16
	Nerve injury	13	22	27	37	52	12	20	26	33	50	0	0	1	3	7
	Hand fractures/dislocation/ligament injury	28	42	55	65	88	25	37	48	62	76	0	2	4	6	12
	Wrist fracture/dislocation	23	37	46	55	72	22	34	44	53	70	0	0	1	3	5
	Forearm & proximal fracture/dislocation	6	10	15	21	35	5	9	14	19	30	0	0	1	2	5
	Hand reconstruction, releases, etc.	32	46	58	71	95	31	42	53	67	84	0	1	2	5	9
	Wrist reconstruction, releases, arthrodesis, etc.	17	24	29	43	62	14	22	27	40	56	0	0	1	2	5
	Forearm/elbow/shoulder reconstruction, releases	1	6	12	18	36	1	6	11	17	36	0	0	0	1	3
	Dupuytren's	5	9	13	18	26	5	8	12	17	25	0	0	0	0	1
	Nerve decompression	67	95	128	159	198	65	94	124	155	196	0	1	2	4	7
	Decompression of tendon sheath/synovectomy/ganglions	42	65	88	116	157	37	59	87	110	152	0	1	4	6	14
	Vascular repair/reconstruction/replantation/microvascular	3	7	12	17	29	2	6	10	16	28	0	0	0	1	3
	Congenital	1	4	8	12	20	0	0	0	1	5	0	3	7	10	17
	Tumor/osteomyelitis	10	16	22	30	42	8	13	19	26	37	0	0	2	3	7
	Total Hand Surgery	482	587	685	828	957	441	547	649	760	902	8	30	46	65	98

Statistics are based upon all procedures logged by residents.

HAND SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

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[PART 2]		Programs in the Nation: 61					Residents in the Nation: 141									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
ARTHROSCOPY	Shoulder	0	0	12	30	100	0	0	12	28	100	0	0	0	0	1
	Elbow	0	1	4	6	11	0	1	3	5	10	0	0	0	0	2
	Wrist	6	10	15	22	36	6	10	14	21	35	0	0	0	1	2
	Total Arthroscopy	9	21	36	67	124	8	20	35	64	118	0	0	0	2	6
OTHER	Nail surgery	1	3	5	8	15	0	3	4	8	13	0	0	0	1	3
	Bone/cartilage/fascia grafts	0	1	1	2	5	0	0	1	2	4	0	0	0	0	1
	Miscellaneous insertion or removal of devices	9	17	23	30	40	8	16	20	26	37	0	0	1	3	6
	Closed treatment of fractures and dislocations	0	2	3	5	12	0	1	2	4	10	0	0	0	1	2
	Total Other Procedures	18	27	36	46	83	17	23	31	42	63	0	1	3	5	11
ONCOLOGY	Total Oncology Cases	0	0	2	9	27	0	0	2	8	22	0	0	0	0	3
MICROSURGERIES	Total Microsurgeries	12	36	60	82	121	10	33	51	75	112	0	0	3	7	19
NON-TRACKED	Total Non-Tracked Codes	40	66	96	152	293	35	54	77	135	284	0	3	8	17	35

Statistics are based upon all procedures logged by residents.