



## Accreditation Council for Graduate Medical Education

### Hand Surgery Case Logs

#### National Data Report

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#### I. National Resident Report (Main Table)

A. The 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 is 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 2010-2011**  
**Residency Review Committee for Orthopaedic Surgery**  
**Report Date: October 28, 2011**

[PART 1 ] Programs in the Nation: 55 Residents in the Nation: 117

		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	46.1	38	0	35	180	42.6	34	0	31	162	3.5	5	0	2	26
	Wound closure without graft	5.4	8	0	2	37	4.8	7	0	2	34	0.6	1	0	0	6
	Wound closure with graft	9.1	9	0	6	62	7.8	8	0	5	51	1.3	2	0	0	11
	Wound reconstruction with flap	10.3	9	0	8	51	8.2	7	0	7	30	2.2	4	0	1	29
	Amputation	15.3	11	1	13	43	13.9	10	1	11	42	1.4	2	0	1	11
	Tendon/muscle	66.9	34	17	55	176	59.3	30	14	54	164	7.6	9	0	5	56
	Nerve injury	29.3	14	6	27	67	26.5	13	3	24	61	2.8	4	0	1	22
	Hand fractures/dislocation/ligament injury	49.5	22	6	45	154	44.7	21	6	42	145	4.9	5	0	4	26
	Wrist fracture/dislocation	38.3	16	9	38	86	36.5	16	9	35	86	1.8	2	0	1	9
	Forearm & proximal fracture/dislocation	15.5	11	1	14	52	13.7	10	1	12	49	1.8	2	0	1	11
	Hand reconstruction, releases, etc.	60.7	24	14	55	125	56.6	24	11	51	122	4.1	4	0	3	20
	Wrist reconstruction, releases, arthrodesis, etc.	36.0	19	5	34	129	33.7	18	5	32	127	2.3	2	0	2	13
	Forearm/elbow/shoulder reconstruction, releases	12.6	13	0	10	60	11.8	12	0	9	60	0.8	1	0	0	7
	Dupuytren's	13.9	11	0	11	54	13.7	11	0	11	51	0.2	0	0	0	3
	Nerve decompression	123.9	57	20	115	296	121.6	57	20	110	296	2.3	3	0	2	11
	Decompression of tendon sheath/synovectomy/ganglions	91.5	51	15	81	252	85.4	51	15	70	246	6.1	8	0	3	45
	Vascular repair/reconstruction/replantation/microvascular	15.1	15	0	12	101	13.8	14	0	10	98	1.4	2	0	1	11
	Congenital	9.8	9	0	7	35	0.9	2	0	0	8	8.9	8	0	6	35
	Tumor/osteomyelitis	26.3	13	3	24	56	23.4	12	3	20	56	2.9	3	0	2	15
	<b>TOTAL - Hand Surgery</b>	<b>675.7</b>	<b>204</b>	<b>269</b>	<b>678</b>	<b>1,197</b>	<b>618.9</b>	<b>194</b>	<b>267</b>	<b>599</b>	<b>1,125</b>	<b>56.8</b>	<b>43</b>	<b>1</b>	<b>45</b>	<b>233</b>

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**Reporting Period: Total Experience of Residents Completing Programs in 2010-2011**  
**Residency Review Committee for Orthopaedic Surgery**  
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[PART 2]		Programs in the Nation: 55					Residents in the Nation: 117									
		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	28.8	43	0	8	244	28.4	43	0	8	244	0.4	1	0	0	6
	Elbow	4.7	6	0	3	34	3.8	5	0	2	32	0.9	2	0	0	12
	Wrist	20.8	18	0	16	100	19.7	18	0	15	100	1.1	2	0	0	15
	TOTAL - Arthroscopy	54.3	50	0	38	265	51.9	50	0	35	265	2.4	4	0	1	22
Other Procedures	Nail surgery	5.7	7	0	5	57	4.9	6	0	4	41	0.8	2	0	0	16
	Bone/cartilage/fascia grafts	2.0	2	0	1	13	1.7	2	0	1	11	0.3	1	0	0	5
	Miscellaneous insertion or removal of devices	22.1	11	0	21	56	19.6	10	0	19	50	2.5	3	0	1	14
	Closed treatment of fractures and dislocations	4.1	5	0	2	32	3.2	4	0	2	24	0.9	2	0	0	13
	TOTAL - Other Procedures	33.9	18	0	32	112	29.4	15	0	29	78	4.5	5	0	2	34
Miscellaneous	TOTAL - Miscellaneous	107.2	98	14	89	877	93.6	90	10	77	790	13.6	15	0	9	87
Total Procedures	TOTAL - Procedures	871.1	281	366	834	1,733	793.8	266	324	746	1,604	77.3	57	1	62	332
Oncology Cases	TOTAL- Oncology	6.5	12	0	1	69	5.6	10	0	1	58	0.9	3	0	0	22
Microsurgery Procedures	TOTAL- Microsurgery	64.3	56	0	45	234	57.4	51	0	38	208	6.8	9	0	3	43

# HAND SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

Residency Review Committee for Orthopaedic Surgery

Report Date: October 28, 2011

[PART 1 ]		Programs in the Nation: 55					Residents in the Nation: 117									
		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	10	19	35	58	97	10	18	31	54	92	0	1	2	4	9
	Wound closure without graft	0	1	2	5	16	0	1	2	5	15	0	0	0	1	2
	Wound closure with graft	1	4	6	10	21	1	3	5	9	18	0	0	0	1	4
	Wound reconstruction with flap	1	5	8	12	22	1	4	7	9	20	0	0	1	2	6
	Amputation	3	8	13	20	33	3	7	11	18	31	0	0	1	2	4
	Tendon/muscle	32	45	55	81	115	27	39	54	71	107	0	2	5	9	20
	Nerve injury	11	19	27	37	50	10	17	24	33	47	0	0	1	3	7
	Hand fractures/dislocation/ligament injury	25	38	45	59	79	22	32	42	52	75	0	2	4	6	11
	Wrist fracture/dislocation	18	29	38	46	61	17	27	35	44	59	0	0	1	2	5
	Forearm & proximal fracture/dislocation	3	9	14	19	30	2	7	12	17	27	0	0	1	2	5
	Hand reconstruction, releases, etc.	33	45	55	70	97	31	42	51	66	95	0	1	3	5	10
	Wrist reconstruction, releases, arthrodesis, etc.	17	25	34	41	57	16	22	32	39	51	0	1	2	3	5
	Forearm/elbow/shoulder reconstruction, releases	1	5	10	14	25	1	4	9	14	24	0	0	0	1	2
	Dupuytren's	3	7	11	16	30	3	7	11	16	29	0	0	0	0	1
	Nerve decompression	66	88	115	146	209	63	87	110	142	209	0	1	2	3	7
	Decompression of tendon sheath/synovectomy/ganglions	38	55	81	109	175	34	50	70	105	173	0	2	3	7	13
	Vascular repair/reconstruction/replantation/microvascular	2	8	12	16	30	1	7	10	16	29	0	0	1	2	4
	Congenital	1	4	7	12	24	0	0	0	1	3	0	3	6	12	22
	Tumor/osteomyelitis	12	17	24	34	45	10	15	20	28	42	0	1	2	3	9
	TOTAL - Hand Surgery	437	525	678	784	907	381	488	599	721	848	15	29	45	66	115

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[PART 2 ]		Programs in the Nation: 55					Residents in the Nation: 117									
		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	8	32	88	0	0	8	32	87	0	0	0	0	1
	Elbow	0	1	3	5	12	0	1	2	4	12	0	0	0	1	3
	Wrist	6	11	16	21	42	6	10	15	20	41	0	0	0	1	3
	TOTAL - Arthroscopy	8	20	38	69	118	7	18	35	65	115	0	0	1	2	7
Other Procedures	Nail surgery	0	2	5	6	11	0	2	4	6	10	0	0	0	1	2
	Bone/cartilage/fascia grafts	0	0	1	3	5	0	0	1	2	5	0	0	0	0	1
	Miscellaneous insertion or removal of devices	7	16	21	28	37	7	15	19	25	32	0	0	1	3	7
	Closed treatment of fractures and dislocations	0	1	2	4	10	0	1	2	3	9	0	0	0	1	2
	TOTAL - Other Procedures	15	23	32	39	57	10	21	29	35	48	0	1	2	5	12
Miscellaneous	TOTAL - Miscellaneous	34	67	89	115	197	27	51	77	102	156	1	5	9	16	31
Total Procedures	TOTAL - Procedures	533	687	834	1,001	1,270	475	628	746	908	1,199	19	42	62	98	161
Oncology Cases	TOTAL- Oncology	0	0	1	6	18	0	0	1	5	15	0	0	0	0	2
Microsurgery Procedures	TOTAL- Microsurgery	6	29	45	86	146	5	23	38	79	137	0	0	3	7	19