



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 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 2012-2013
Residency Review Committee for Orthopaedic Surgery
Report Date: October 7, 2013

[PART 1]

Programs in the Nation: 58 Residents in the Nation: 132

		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	47.7	32	5	41	161	44.7	31	4	38	161	3.0	3	0	2	17
	Wound closure without graft	6.8	8	0	3	39	6.1	8	0	3	39	0.7	2	0	0	19
	Wound closure with graft	9.0	10	0	5	59	7.9	9	0	5	50	1.1	2	0	0	9
	Wound reconstruction with flap	10.7	10	0	8	66	8.2	7	0	5	39	2.5	4	0	1	27
	Amputation	15.3	11	0	14	48	13.9	10	0	12	48	1.4	2	0	1	15
	Tendon/muscle	71.8	31	15	67	158	64.6	29	14	59	154	7.2	9	0	5	43
	Nerve injury	32.5	16	7	31	97	29.6	15	7	28	94	2.9	4	0	2	21
	Hand fractures/dislocation/ligament injury	53.9	24	10	51	140	48.8	22	8	45	140	5.1	5	0	4	27
	Wrist fracture/dislocation	43.9	17	8	43	96	42.1	17	8	40	96	1.8	2	0	1	13
	Forearm & proximal fracture/dislocation	17.4	12	1	16	63	15.3	11	1	14	63	2.2	3	0	1	15
	Hand reconstruction, releases, etc.	62.5	26	19	59	139	58.8	26	16	54	137	3.7	4	0	3	26
	Wrist reconstruction, releases, arthrodesis, etc.	33.1	14	4	31	75	30.8	14	4	30	71	2.3	3	0	1	17
	Forearm/elbow/shoulder reconstruction, releases	15.3	15	0	11	93	14.4	15	0	11	93	0.9	2	0	0	9
	Dupuytren's	14.1	9	1	13	45	13.8	9	1	13	45	0.3	1	0	0	5
	Nerve decompression	126.0	52	36	122	267	123.8	51	34	122	265	2.2	3	0	2	14
	Decompression of tendon sheath/synovectomy/ganglions	94.2	49	16	85	236	88.1	49	10	79	226	6.1	7	0	4	42
	Vascular repair/reconstruction/replantation/microvascular	15.1	13	0	11	88	14.0	12	0	10	86	1.1	2	0	0	10
	Congenital	9.6	8	0	8	40	0.8	2	0	0	9	8.8	8	0	6	39
	Tumor/osteomyelitis	23.6	13	0	20	83	21.0	13	0	18	82	2.7	4	0	2	32
	TOTAL - Hand Surgery	702.6	190	296	688	1,269	646.5	179	293	637	1,141	56.0	42	0	46	194

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[PART 2]		Programs in the Nation: 58 Residents in the Nation: 132														
		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	32.4	50	0	13	325	31.7	49	0	13	319	0.7	2	0	0	17
	Elbow	4.8	7	0	3	46	4.2	6	0	2	45	0.7	2	0	0	16
	Wrist	19.7	13	2	16	84	18.9	13	1	16	84	0.8	2	0	0	9
	TOTAL - Arthroscopy	56.9	55	3	45	365	54.7	54	3	44	357	2.2	5	0	1	33
Other Procedures	Nail surgery	5.9	6	0	4	36	4.9	6	0	3	35	1.0	1	0	0	7
	Bone/cartilage/fascia grafts	2.7	3	0	2	19	2.4	3	0	1	19	0.3	1	0	0	4
	Miscellaneous insertion or removal of devices	25.3	12	1	23	71	23.1	11	1	21	66	2.2	3	0	1	17
	Closed treatment of fractures and dislocations	6.4	20	0	3	220	5.1	18	0	2	197	1.3	3	0	0	23
	TOTAL - Other Procedures	40.3	26	3	36	252	35.6	24	3	31	228	4.7	5	0	3	24
Miscellaneous	TOTAL - Miscellaneous	132.7	116	15	103	714	118.7	107	12	93	679	14.1	17	0	7	87
Total Procedures	TOTAL - Procedures	932.6	280	490	878	1,929	855.5	262	445	810	1,755	77.1	60	0	63	294
Oncology Cases	TOTAL- Oncology	12.1	22	0	3	154	10.7	20	0	2	141	1.4	5	0	0	52
Microsurgery Procedures	TOTAL- Microsurgery	89.5	80	0	74	733	81.2	72	0	66	640	8.4	12	0	4	93

HAND SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 1]		Programs in the Nation: 58 Residents in the Nation: 132														
		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	12	28	41	56	86	11	26	38	54	82	0	1	2	4	7
	Wound closure without graft	0	2	3	7	19	0	1	3	7	17	0	0	0	0	2
	Wound closure with graft	1	3	5	10	20	1	2	5	10	19	0	0	0	1	4
	Wound reconstruction with flap	2	4	8	13	24	2	3	5	10	20	0	0	1	2	7
	Amputation	3	7	14	20	31	3	6	12	19	28	0	0	1	2	4
	Tendon/muscle	34	51	67	89	114	29	46	59	79	106	0	2	5	8	16
	Nerve injury	14	22	31	39	56	12	19	28	35	51	0	0	2	3	7
	Hand fractures/dislocation/ligament injury	27	42	51	63	86	23	36	45	58	76	0	2	4	7	10
	Wrist fracture/dislocation	23	35	43	51	67	22	32	40	50	64	0	0	1	2	4
	Forearm & proximal fracture/dislocation	5	9	16	21	34	4	9	14	19	28	0	0	1	2	6
	Hand reconstruction, releases, etc.	32	46	59	73	99	30	42	54	67	96	0	1	3	5	9
	Wrist reconstruction, releases, arthrodesis, etc.	16	24	31	41	53	16	22	30	37	48	0	0	1	3	5
	Forearm/elbow/shoulder reconstruction, releases	2	6	11	18	31	1	5	11	17	28	0	0	0	1	2
	Dupuytren's	4	8	13	18	27	3	8	13	18	26	0	0	0	0	1
	Nerve decompression	67	90	122	156	193	65	87	122	153	192	0	1	2	2	5
	Decompression of tendon sheath/synovectomy/ganglions	40	63	85	116	161	37	55	79	108	154	0	2	4	7	15
	Vascular repair/reconstruction/replantation/microvascular	2	7	11	21	31	2	6	10	19	30	0	0	0	1	3
	Congenital	1	5	8	12	20	0	0	0	1	3	1	4	6	11	19
	Tumor/osteomyelitis	10	15	20	28	42	8	13	18	25	39	0	1	2	3	6
	TOTAL - Hand Surgery	475	579	688	821	953	421	533	637	741	881	17	32	46	62	123

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		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	1	13	39	79	0	1	13	37	79	0	0	0	0	2
	Elbow	0	1	3	5	11	0	1	2	5	9	0	0	0	0	2
	Wrist	6	11	16	24	35	6	11	16	22	33	0	0	0	1	2
	TOTAL - Arthroscopy	11	21	45	72	106	10	19	44	67	103	0	0	1	2	4
Other Procedures	Nail surgery	1	2	4	7	12	0	2	3	6	12	0	0	0	1	3
	Bone/cartilage/fascia grafts	0	1	2	3	6	0	1	1	3	6	0	0	0	0	1
	Miscellaneous insertion or removal of devices	12	18	23	30	42	12	16	21	28	40	0	0	1	3	7
	Closed treatment of fractures and dislocations	0	2	3	4	11	0	1	2	3	10	0	0	0	1	3
	TOTAL - Other Procedures	18	28	36	46	65	16	24	31	38	58	0	1	3	6	11
Miscellaneous	TOTAL - Miscellaneous	37	67	103	145	246	29	61	93	120	228	1	3	7	15	39
Total Procedures	TOTAL - Procedures	623	776	878	1,035	1,299	560	698	810	966	1,208	23	41	63	82	167
Oncology Cases	TOTAL- Oncology	0	0	3	11	28	0	0	2	9	28	0	0	0	0	4
Microsurgery Procedures	TOTAL- Microsurgery	20	47	74	105	175	17	44	66	87	159	0	1	4	10	21