



Accreditation Council for Graduate Medical Education

Ophthalmology Case Logs

Program Data Report

Prepared by: Department of Applications and Data Analysis

- I. Program Level Main Table
 - A. This table provides summary statistics at the program level.
Data is broken out by role.
 - B. Descriptive statistics have been carefully chosen to provide the most useful information for judging performance at the program level.
 - i. "Prog AVE" - The average number of procedures performed per resident in the specified program.
 - ii. "Prog MED" - The median value among resident procedure counts in the program.
 - iii. "Prog MIN" - The minimum number of procedures performed by a resident in the specified program.
 - iv. "Prog MAX" - The maximum number of procedures performed by a resident in the specified program.
 - v. "Prog PERC" - The percentile is a statistic that shows how a program compares to all other programs in the country.
Percentiles range from lowest (1) to highest (99) with the average equal to 50.
Percentiles of 15 or less are highlighted in light red in the table while percentiles of 97 and above are highlighted in green.
 - vi. "Prog Z-Score" - A measure that quantifies the distance (measured in standard deviations) a data point is from the mean.
As a statistical rule of thumb, one standard deviation away from the mean in either direction accounts for around 68 percent of cases.
Instances in which a program's Z-scores is -1 or less are highlighted in red while Z-scores of +2 and above are in green.
 - vii. "Min Req" - The minimum number of procedures as recommended by the RRC.
 - viii. "Num of Res Bel Min" - The number of residents in this program who are below the recommended minimum.
 - ix. "Natl Prog AVE" - As an additional comparison measure the overall national program average is included.
- II. Percentiles Summary Graph
This graph displays each program's percentile score for the average number of procedures performed as surgeon.
The graph allows the reader to, at a glance, identify areas for which a program is performing above or below their peers.
The horizontal axis is divided into quartiles represented the boundary at the 25th, 50th, or 75th percentile.
- III. Standard Deviations Summary Graph
This graph displays each program's distance (expressed as standard deviations, an alternative to percentiles) from the national mean.
The graph allows the reader to, at a glance, identify areas for which a program is performing above or below their peers.
The average number of procedures performed by the program's residents is provided on the right side of the graph.



OPHTHALMOLOGY: PROGRAM REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2009-2010
Residency Review Committee for Ophthalmology
Report Date: December 14, 2010

Program=2400521023 - Loma Linda University Program

[PART 1]		Programs in the Nation: 115 Residents in the Nation: 447 Residents in this Program: 3																				
		Surgeon							Assistant							TOTAL						
		Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE	Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE	Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE
RRC Area	RRC Procedure																					
Cataract	Phacoemulsification	177.3	156	198	77	0.7	.	146	60.3	15	97	48	-0.2	.	74	237.7	213	253	66	0	.	219
	Non-phacoemulsification ECCE	0.3	0	1	3	-0.9	.	4	1.7	0	3	39	-0.5	.	3	2.0	0	4	8	-1	.	6
	TOTAL - Cataract	177.7	157	198	76	0.6	86	149	62.0	15	100	46	-0.3	.	76	239.7	213	257	64	0	.	226
Other Cataract	YAG capsulotomy	21.0	15	25	78	0.8	.	15	0.0	0	0	22	-0.6	.	1	21.0	15	25	78	1	.	15
	Other cataract / IOL Surgery	0.7	0	1	7	-1.2	.	3	3.3	0	8	60	-0.2	.	4	4.0	1	9	30	-1	.	7
	Anterior vitrectomy	3.7	0	10	70	0.4	.	3	2.7	0	6	89	1.4	.	1	6.3	1	16	83	1	.	4
	TOTAL - Other Cataract	25.3	17	36	75	0.5	0	20	6.0	0	14	71	0.0	.	6	31.3	17	50	70	0	.	26
Corneal Surgery	Penetrating keratoplasty	1.3	1	2	46	-0.4	.	2	4.3	1	8	47	-0.3	.	6	5.7	3	9	40	-0	.	8
	Pterygium excision	17.0	13	25	93	1.9	.	6	1.7	0	3	68	0.2	.	1	18.7	13	27	91	2	.	7
	Incisional keratorefractive surgery	0.0	0	0	17	-0.6	.	1	0.0	0	0	21	-0.3	.	1	0.0	0	0	10	-1	.	2
	Laser keratorefractive surgery	42.7	30	62	95	2.5	.	4	2.0	0	6	75	0.0	.	2	44.7	30	62	95	2	.	6
	Other cornea	1.3	1	2	12	-1.0	.	4	1.0	0	2	13	-0.7	.	5	2.3	1	3	7	-1	.	8
	TOTAL - Corneal Surgery	62.3	45	79	95	2.5	3	17	9.0	2	18	37	-0.5	.	15	71.3	52	81	93	2	.	32
Strabismus	Any muscle surgery	15.3	13	19	29	-0.6	.	25	10.7	8	15	47	-0.3	.	16	26.0	22	29	31	-1	.	41
	Other strabismus	0.0	0	0	31	-0.2	.	1	0.0	0	0	24	-0.6	.	0	0.0	0	0	17	-0	.	1
	TOTAL - Strabismus	15.3	13	19	27	-0.6	10	26	10.7	8	15	46	-0.3	.	16	26.0	22	29	31	-1	.	42

Note: Percentiles of 15 or less are highlighted in red while those 97 and above are in green. Z-Scores of -1 or less are in red while those 2 and above are in green.

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[PART 2]		Programs in the Nation: 115 Residents in the Nation: 447 Residents in this Program: 3																				
		Surgeon							Assistant							TOTAL						
		Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE	Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE	Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE
RRC Area	RRC Procedure																					
Glaucoma	Filtering procedures	1.3	0	2	3	-1.1	.	6	2.0	0	4	24	-0.8	.	6	3.3	2	4	4	-1	.	12
	Shunting procedures	6.3	4	9	78	0.6	.	4	5.3	2	8	64	0.2	.	5	11.7	8	17	73	0	.	9
	Other glaucoma	1.3	0	3	45	-0.3	.	2	2.7	1	5	82	0.5	.	2	4.0	1	8	69	0	.	3
	TOTAL - Glaucoma	9.0	6	14	31	-0.6	5	13	10.0	7	15	44	-0.3	.	12	19.0	13	29	35	-1	.	25
Glaucoma Lasers	Laser trabeculoplasty	11.7	8	17	69	0.2	.	10	0.0	0	0	25	-0.4	.	1	11.7	8	17	65	0	.	11
	Laser iridotomy	23.0	19	28	88	0.8	.	14	0.0	0	0	23	-0.4	.	1	23.0	19	28	86	1	.	14
	Cyclodestructive procedures (incl cryo)	5.0	0	9	90	1.5	.	2	0.7	0	1	79	0.3	.	0	5.7	1	9	90	1	.	2
	Other glaucoma lasers (incl iridoplasty)	0.0	0	0	16	-0.6	.	1	0.0	0	0	42	-0.3	.	0	0.0	0	0	15	-1	.	1
	TOTAL - Glaucoma Lasers	39.7	36	45	86	0.8	9	27	0.7	0	1	43	-0.4	.	2	40.3	37	45	86	1	.	29
Retinal Vitreous	Rhegmatogenous retinal detachment repair	0.0	0	0	15	-0.7	.	1	2.3	0	6	61	-0.1	.	3	2.3	0	6	37	-0	.	4
	Posterior vitrectomy (Pars Plana)	1.3	0	3	20	-0.6	.	6	14.7	11	21	43	-0.3	.	20	16.0	12	21	33	-0	.	25
	TOTAL - Retinal Vitreous	1.3	0	3	11	-0.7	1	7	17.0	11	27	45	-0.3	.	22	18.3	12	27	33	-1	.	29
Other Retinal	Photocoagulation (laser)	174.0	114	240	97	2.7	.	57	0.7	0	2	28	-0.2	.	4	174.7	114	242	96	2	.	62
	Cryotherapy	0.0	0	0	18	-0.4	.	1	1.0	0	3	83	0.8	.	0	1.0	0	3	62	-0	.	1
	Vitreous tap/inject	116.0	94	148	97	2.8	.	34	2.0	0	6	61	-0.2	.	3	118.0	94	154	96	3	.	37
	TOTAL - Other Retinal	290.0	208	388	99	3.4	25	92	3.7	0	11	47	-0.2	.	8	293.7	208	399	98	3	.	100

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[PART 3]		Programs in the Nation: 115 Residents in the Nation: 447 Residents in this Program: 3																				
		Surgeon							Assistant							TOTAL						
		Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE	Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE	Prog AVE	Prog MIN	Prog MAX	Prog PERC	Prog Z-Score	Min Req	Natl Prog AVE
RRC Area	RRC Procedure																					
Oculoplastic and orbit	Eye removal and implant	4.0	3	5	70	0.3	.	3	1.7	0	4	56	-0.0	.	2	5.7	5	7	62	0	.	5
	Lacrimal surgery	1.0	0	2	1	-1.3	.	8	2.0	0	4	15	-0.9	.	7	3.0	2	5	0	-1	.	15
	Other orbital surgery (eg, orbitotomy)	1.0	0	3	31	-0.6	.	2	3.0	0	6	38	-0.4	.	5	4.0	0	9	35	-1	.	7
	Eyelid laceration / canalicular repair	17.3	4	29	91	1.5	.	9	3.0	0	6	63	-0.1	.	3	20.3	7	35	86	1	.	12
	Chalazia excision	7.3	4	12	61	0.0	.	7	0.0	0	0	9	-0.8	.	1	7.3	4	12	51	-0	.	8
	Tarsorrhaphy	1.0	0	3	25	-0.6	.	2	0.3	0	1	43	-0.4	.	1	1.3	0	4	24	-1	.	3
	Ptosis repair	7.3	6	9	72	0.2	.	6	7.0	2	14	56	-0.2	.	8	14.3	9	20	61	0	.	14
	Entropion / ectropion repair	14.3	14	15	96	2.5	.	5	2.0	1	3	29	-0.7	.	5	16.3	16	17	84	1	.	10
	Blepharoplasty / reconstruction	18.0	14	23	88	1.0	.	9	1.7	0	4	17	-0.9	.	9	19.7	18	23	67	0	.	18
	Temporal artery biopsy	0.0	0	0	5	-0.9	.	2	0.0	0	0	15	-0.8	.	1	0.0	0	0	3	-1	.	2
	Other oculoplastic surgery	14.3	3	28	64	0.2	.	13	0.7	0	1	11	-0.9	.	6	15.0	3	29	43	-0	.	19
	TOTAL - Oculoplastic and orbit	85.7	60	119	79	0.7	28	67	21.3	5	31	25	-0.7	.	47	107.0	83	150	52	-0	.	114
Globe Trauma	Corneal/corneoscleral laceration, globe rup	10.7	8	12	83	0.7	.	7	2.0	0	4	68	0.1	.	2	12.7	12	14	81	1	.	9
	Intraocular foreign body	0.0	0	0	16	-1.0	.	0	0.3	0	1	57	-0.0	.	0	0.3	0	1	32	-1	.	1
	Other globe trauma (eg, ant chamber washout)	2.0	0	3	55	-0.2	.	3	4.0	0	8	85	0.4	.	2	6.0	0	11	73	0	.	5
	TOTAL - Globe Trauma	12.7	11	15	74	0.3	4	11	6.3	0	13	81	0.4	.	4	19.0	12	24	81	0	.	15
TOTAL OF ALL PROCS	TOTAL - All Procedures	719.0	586	840	96	2.2	.	428	146.7	50	245	31	-0.6	.	209	865.7	731	1,085	91	1	364	637

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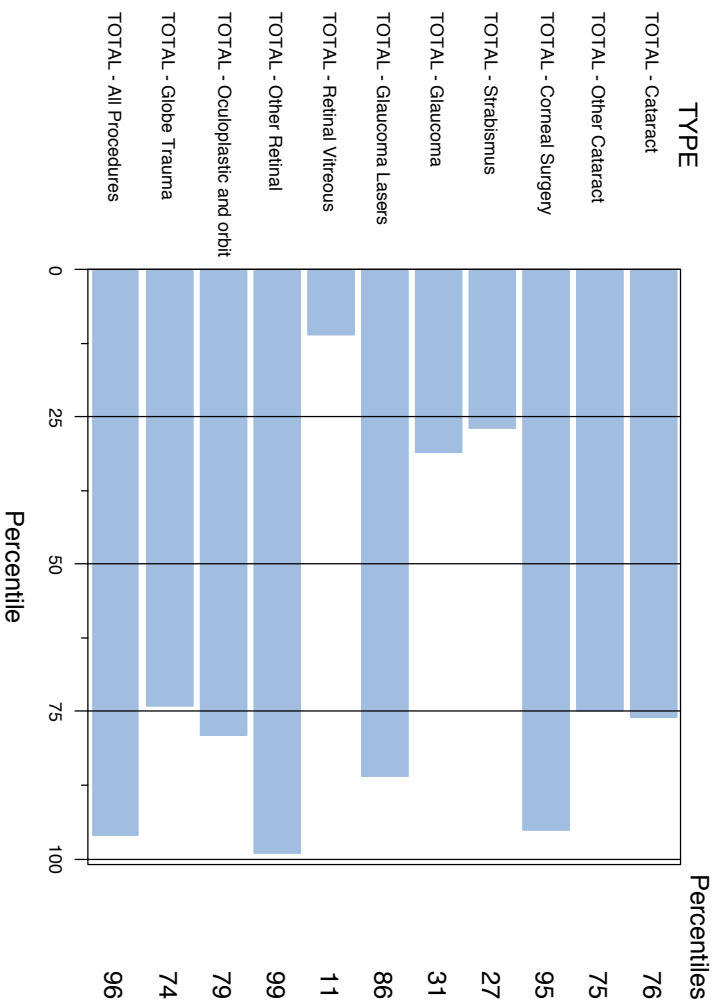
OPHTHALMOLOGY : PROGRAM REPORT (Percentiles Summary Graph - as Surgeon)

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OPHTHALMOLOGY: PROGRAM REPORT (Standard Deviations Summary Graph - as Surgeon)

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