



## Cornea, External Disease and Refractive Surgery (2018–2021)

### Cornea and External Diseases

PROCEDURES REPORTED BY FELLOWS IN ALL CORNEA PROGRAMS

PROCEDURE	ACADEMIC YEAR	# OF FELLOWS	AVERAGE # OF PROCEDURES PERFORMED AS PRIMARY SURGEON	AVERAGE # OF PROCEDURES PERFORMED AS ASSISTING SURGEON	MEDIAN FOR PROCEDURES PERFORMED AS PRIMARY SURGEON	MEDIAN FOR PROCEDURES PERFORMED AS ASSISTING SURGEON	25 <sup>TH</sup> /75 <sup>TH</sup> PERCENTILE PRIMARY SURGEON	25 <sup>TH</sup> /75 <sup>TH</sup> PERCENTILE ASSISTING SURGEON
ANTERIOR LAMELLAR KERATOPLASTY (LK) (PARTIAL STROMAL REMOVAL)	2018 – 2019	77	0.9	0.5	0	0	0 / 1	0 / 0
	2019 – 2020	69	0.8	0.9	0	0	0 / 1	0 / 1
	2020 – 2021	68	0.8	0.6	0	0	0 / 1	0 / 1
COLLAGEN CROSSLINKING	2018 – 2019	77	4.2	2.9	2	1	0 / 5	0 / 4
	2019 – 2020	69	4.3	4	2	1	0 / 6	0 / 3
	2020 – 2021	68	8.8	2	3	1	1 / 15	0 / 2
CORNEAL LACERATION REPAIR	2018 – 2019	77	4.3	0.8	4	0	0 / 6	0 / 1
	2019 – 2020	69	4.5	0.8	4	0	2 / 6	0 / 1
	2020 – 2021	68	4.1	0.8	3	0	2 / 6	0 / 1
DEEP ANTERIOR LAMELLAR KERATOPLASTY (DALK) (FULL STROMAL REMOVAL)	2018 – 2019	77	1.9	1.9	1	1	0 / 3	0 / 2
	2019 – 2020	69	1.5	1.5	1	1	0 / 2	0 / 2
	2020 – 2021	68	1.6	1.2	1	1	0 / 2	0 / 2
DESCEMET MEMBRANE ENDOTHELIAL KERATOPLASTY (DMEK)	2018 – 2019	77	19.9	15	14	6	6 / 25	2 / 11
	2019 – 2020	69	17.9	12.2	14	5	8 / 21	1 / 10
	2020 – 2021	68	26.4	9.2	16	5	8 / 33	2 / 12
DESCEMET'S STRIPPING ENDOTHELIAL KERATOPLASTY (DSAEK)	2018 – 2019	77	21.2	10.4	19	7	12 / 27	3 / 14
	2019 – 2020	69	18.4	9.1	17	5	11 / 24	3 / 12
	2020 – 2021	68	23.9	8.5	23	5	12 / 32	2 / 10
KERATECTOMY (MANUAL OR PTK)	2018 – 2019	77	11.1	4.9	8	2	3 / 14	0 / 5
	2019 – 2020	69	9.6	3.2	6	1	3 / 15	0 / 5
	2020 – 2021	68	10.8	4.4	7	2	3 / 11	0 / 5
KERATOPROSTHESIS	2018 – 2019	77	1.8	0.9	1	0	0 / 3	0 / 1
	2019 – 2020	69	2.1	0.9	1	0	0 / 3	0 / 1
	2020 – 2021	68	2.3	0.9	2	0	1 / 3	0 / 1



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### Cornea and External Diseases

PROCEDURES REPORTED BY FELLOWS IN ALL CORNEA PROGRAMS

PROCEDURE	ACADEMIC YEAR	# OF FELLOWS	AVERAGE # OF PROCEDURES PERFORMED AS PRIMARY SURGEON	AVERAGE # OF PROCEDURES PERFORMED AS ASSISTING SURGEON	MEDIAN FOR PROCEDURES PERFORMED AS PRIMARY SURGEON	MEDIAN FOR PROCEDURES PERFORMED AS ASSISTING SURGEON	25 <sup>TH</sup> /75 <sup>TH</sup> PERCENTILE PRIMARY SURGEON	25 <sup>TH</sup> /75 <sup>TH</sup> PERCENTILE ASSISTING SURGEON
PATCH GRAFT, TECTONIC GRAFT	2018 – 2019	77	2.4	0.9	2	0	1 / 3	0 / 1
	2019 – 2020	69	2	0.6	2	0	0 / 3	0 / 1
	2020 – 2021	68	2.7	0.8	2	0	1 / 4	0 / 1
PENETRATING KERATOPLASTY (PK, PKP)	2018 – 2019	77	28.2	9.6	27	6	19 / 36	2 / 14
	2019 – 2020	69	27.5	9.1	26	6	15 / 36	3 / 10
	2020 – 2021	68	32.6	10.2	33	5	20 / 43	2 / 15
FORNIX RECONSTRUCTION WITH AMNIOTIC MEMBRANE/CONJUNCTIVAL/ORAL MUCOSAL GRAFT	2018 – 2019	77	2.6	0.8	2	0	0 / 3	0 / 1
	2019 – 2020	69	2.9	1.3	2	1	0 / 5	0 / 1
	2020 – 2021	68	2.8	1.1	2	1	1 / 4	0 / 2
GUNDERSON FLAP	2018 – 2019	77	0.8	0.3	0	0	0 / 1	0 / 0
	2019 – 2020	69	0.9	0.4	0	0	0 / 1	0 / 1
	2020 – 2021	68	0.9	0.3	1	0	0 / 1	0 / 0
PTERYGIUM (WITH OR WITHOUT AMNIOTIC MEMBRANE/CONJUNCTIVAL GRAFT)	2018 – 2019	77	13.1	3.7	10	2	5 / 16	0 / 5
	2019 – 2020	69	9.2	3.7	7	2	4 / 13	0 / 4
	2020 – 2021	68	12.4	3.4	10	2	6 / 16	0 / 5
SURGERY FOR SURFACE NEOPLASIA	2018 – 2019	77	4	1.6	3	1	1 / 5	0 / 2
	2019 – 2020	69	3.9	1.5	3	1	2 / 5	0 / 2
	2020 – 2021	68	4.6	1.3	3	1	1 / 6	0 / 2
TARSORRAPHY	2018 – 2019	77	6.5	1.5	5	0	3 / 10	0 / 3
	2019 – 2020	69	5.2	1.6	4	0	2 / 7	0 / 2
	2020 – 2021	68	6.2	1.3	4	1	2 / 8	0 / 2



## Cornea, External Disease and Refractive Surgery (2018–2021)

### Refractive Procedures

PROCEDURES REPORTED BY FELLOWS ONLY IN PROGRAMS DESIGNATED AS REFRACTIVE

PROCEDURE	ACADEMIC YEAR	# OF FELLOWS	AVERAGE # OF PROCEDURES PERFORMED AS PRIMARY SURGEON	AVERAGE # OF PROCEDURES PERFORMED AS ASSISTING SURGEON	MEDIAN FOR PROCEDURES PERFORMED AS PRIMARY SURGEON	MEDIAN FOR PROCEDURES PERFORMED AS ASSISTING SURGEON	25 <sup>TH</sup> /75 <sup>TH</sup> PERCENTILE PRIMARY SURGEON	25 <sup>TH</sup> /75 <sup>TH</sup> PERCENTILE ASSISTING SURGEON
ENHANCEMENT OR FLAP LIFT FOR ANY REASON	2018 – 2019	62	1.1	2.1	1	1	0 / 1	0 / 3
	2019 – 2020	51	1	1.1	0	0	0 / 1	0 / 2
	2020 – 2021	52	1.3	1.4	1	0	0 / 2	0 / 2
LASIK (MUST INCLUDE CREATION OF FLAP)	2018 – 2019	62	20.9	27.5	12	10	5 / 26	0 / 43
	2019 – 2020	51	17.2	23.5	12	10	4 / 18	1 / 26
	2020 – 2021	52	18.7	25.9	12	14	4 / 20	3 / 30
OTHER (AK, CK, INTACS)	2018 – 2019	62	6.4	5.3	0	0	0 / 4	0 / 1
	2019 – 2020	51	1.8	2.7	0	0	0 / 2	0 / 3
	2020 – 2021	52	2.8	14.1	1	1	0 / 2	0 / 3
PHAKIC IOL	2018 – 2019	62	0.4	1.3	0	0	0 / 0	0 / 2
	2019 – 2020	51	0.6	1.4	0	0	0 / 0	0 / 2
	2020 – 2021	52	3.8	3.7	0	0	0 / 1	0 / 3
PRK, LASEK, SURFACE ABLATION	2018 – 2019	62	16.9	14	4	5	1 / 20	0 / 14
	2019 – 2020	51	11.5	10.9	4	4	1 / 16	0 / 14
	2020 – 2021	52	14.8	13.5	6	5	1 / 16	0 / 20

### Filtering Procedures

TRABECULECTOMY OR EXPRESS SHUNTS	2018 – 2019	77	24.8	18.5	22	10	14 / 34	3 / 30
	2019 – 2020	82	21.8	13.9	17	9	10 / 27	3 / 20
	2020 – 2021	84	24	13.6	20	9	11 / 33	2 / 19
AQUEOUS SHUNT	2018 – 2019	77	47.2	18.3	44	13	28 / 64	4 / 22
	2019 – 2020	82	46.6	15.9	40	12	30 / 60	4 / 25
	2020 – 2021	84	49.5	16.2	41	13	29 / 64	5 / 27