



Cornea, External Disease and Refractive Surgery (2014–2019)

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 TH /75 TH PERCENTILE PRIMARY SURGEON	25 TH /75 TH PERCENTILE ASSISTING SURGEON
ANTERIOR LAMELLAR KERATOPLASTY (LK) (PARTIAL STROMAL REMOVAL)	2014 – 2015	65	1.2	1.4	0	0	0 / 1	0 / 1
	2015 – 2016	71	2.1	2.1	0	0	0 / 1	0 / 1
	2016 – 2017	70	1.6	1.3	0	0	0 / 1	0 / 1
	2017 – 2018	72	1	1	0	0	0 / 1	0 / 1
	2018 – 2019	77	0.9	0.5	0	0	0 / 1	0 / 0
COLLAGEN CROSSLINKING	2017 – 2018	72	4.1	3.1	1	2	0 / 4	0 / 3
	2018 – 2019	77	4.2	2.9	2	1	0 / 5	0 / 4
CORNEAL LACERATION REPAIR	2014 – 2015	65	4	1.1	3	0	1 / 6	0 / 1
	2015 – 2016	71	4.1	0.9	3	0	1 / 6	0 / 1
	2016 – 2017	70	5.5	1.1	4	0	1 / 8	0 / 2
	2017 – 2018	72	4.2	1	3	0	2 / 6	0 / 1
	2018 – 2019	77	4.3	0.8	4	0	0 / 6	0 / 1
DEEP ANTERIOR LAMELLAR KERATOPLASTY (DALK) (FULL STROMAL REMOVAL)	2014 – 2015	65	2.5	2.3	2	2	0 / 3	0 / 3
	2015 – 2016	71	2	2.1	1	1	0 / 3	0 / 3
	2016 – 2017	70	1.9	2	1	1	0 / 2	0 / 2
	2017 – 2018	72	2.2	2.5	2	1	1 / 3	0 / 3
	2018 – 2019	77	1.9	1.9	1	1	0 / 3	0 / 2
DESCEMET MEMBRANE ENDOTHELIAL KERATOPLASTY (DMEK)	2017 – 2018	72	16.7	16.8	13	5	3 / 22	2 / 10
	2018 – 2019	77	19.9	15	14	6	6 / 25	2 / 11
DESCEMET'S STRIPPING ENDOTHELIAL KERATOPLASTY (DSAEK)	2017 – 2018	72	22.4	11.5	20	7	11 / 29	3 / 15
	2018 – 2019	77	21.2	10.4	19	7	12 / 27	3 / 14



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KERATECTOMY (MANUAL OR PTK)	2014 – 2015	65	9	5.3	5	3	2 / 13	0 / 6
	2015 – 2016	71	8.2	5.1	6	2	2 / 10	0 / 6
	2016 – 2017	70	10	5	7	2	2 / 13	0 / 5
	2017 – 2018	72	10.9	5.9	9	2	4 / 14	0 / 6
	2018 – 2019	77	11.1	4.9	8	2	3 / 14	0 / 5
KERATOPROSTHESIS	2017 – 2018	72	2	1.5	1	0	0 / 3	0 / 2
	2018 – 2019	77	1.8	0.9	1	0	0 / 3	0 / 1
PATCH GRAFT, TECTONIC GRAFT	2014 – 2015	65	2.4	1.2	2	1	1 / 3	0 / 2
	2015 – 2016	71	2.3	1	2	1	1 / 4	0 / 2
	2016 – 2017	70	2.2	1.1	2	0	1 / 3	0 / 2
	2017 – 2018	72	2.7	1.4	2	0	1 / 3	0 / 2
	2018 – 2019	77	2.4	0.9	2	0	1 / 3	0 / 1
PENETRATING KERATOPLASTY (PK, PKP)	2014 – 2015	65	27.9	13.4	25	10	19 / 35	4 / 20
	2015 – 2016	71	27.9	14.4	25	10	19 / 34	5 / 16
	2016 – 2017	70	28.9	15.6	28	10	20 / 37	4 / 17
	2017 – 2018	72	29.2	10	29	6	18 / 36	2 / 12
	2018 – 2019	77	28.2	9.6	27	6	19 / 36	2 / 14
FORNIX RECONSTRUCTION WITH AMNIOTIC MEMBRANE/CONJUNCTIVAL/ORAL MUCOSAL GRAFT	2014 – 2015	65	0.8	0.6	0	0	0 / 1	0 / 1
	2015 – 2016	71	0.5	0.7	0	0	0 / 1	0 / 1
	2016 – 2017	70	1.1	0.7	1	0	0 / 2	0 / 1
	2017 – 2018	72	4.5	1.4	2	0	0 / 6	0 / 2
	2018 – 2019	77	2.6	0.8	2	0	0 / 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 TH /75 TH PERCENTILE PRIMARY SURGEON	25 TH /75 TH PERCENTILE ASSISTING SURGEON
GUNDERSON FLAP	2014 – 2015	65	8.1	3.9	7	1	2 / 12	0 / 4
	2015 – 2016	71	8.1	3.6	5	2	3 / 10	1 / 4
	2016 – 2017	70	8	2.9	6	1	3 / 12	0 / 4
	2017 – 2018	72	1	0.7	0	0	0 / 1	0 / 0
	2018 – 2019	77	0.8	0.3	0	0	0 / 1	0 / 0
PTERYGIUM (WITH OR WITHOUT AMNIOTIC MEMBRANE/CONJUNCTIVAL GRAFT)	2014 – 2015	65	12.3	5.9	9	4	5 / 16	1 / 8
	2015 – 2016	71	12	6.6	10	3	5 / 16	2 / 8
	2016 – 2017	70	12.2	5.1	11	3	6 / 14	1 / 7
	2017 – 2018	72	14	4.7	13.2	2	7 / 17	0 / 5
	2018 – 2019	77	13.1	3.7	10	2	5 / 16	0 / 5
SURGERY FOR SURFACE NEOPLASIA	2014 – 2015	65	4.2	3.4	3	2	1 / 5	0 / 4
	2015 – 2016	71	4	2.5	3	2	1 / 5	0 / 3
	2016 – 2017	70	3.6	2.1	3	1	2 / 5	0 / 3
	2017 – 2018	72	4.9	2.1	4	1	2 / 7	0 / 2
	2018 – 2019	77	4	1.6	3	1	1 / 5	0 / 2
TARSORRAPHY	2014 – 2015	65	6.4	1.5	5	1	2 / 8	0 / 2
	2015 – 2016	71	6.1	1.7	4	1	2 / 8	0 / 2
	2016 – 2017	70	7.1	2	5	1	2 / 9	0 / 2
	2017 – 2018	72	6.9	2.1	4	0	2 / 8	0 / 2
	2018 – 2019	77	6.5	1.5	5	0	3 / 10	0 / 3



Cornea, External Disease and Refractive Surgery (2014–2019)

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 TH /75 TH PERCENTILE PRIMARY SURGEON	25 TH /75 TH PERCENTILE ASSISTING SURGEON
ENHANCEMENT OR FLAP LIFT FOR ANY REASON	2014 – 2015	55	1.2	3.1	1	1	0 / 2	0 / 3
	2015 – 2016	58	1.6	3.2	0	2	0 / 2	0 / 3
	2016 – 2017	55	1.4	2.5	0	1	0 / 1	0 / 3
	2017 – 2018	54	1.4	2.8	0	0	0 / 1	0 / 3
	2018 – 2019	62	1.1	2.1	1	1	0 / 1	0 / 3
LASIK (MUST INCLUDE CREATION OF FLAP)	2014 – 2015	55	16.9	38.2	10	19	4 / 18	2 / 42
	2015 – 2016	58	21.8	34.8	10	22	6 / 22	1 / 42
	2016 – 2017	55	20.4	39.2	10	14	4 / 18	3 / 45
	2017 – 2018	57	22.4	25.3	12	10	6 / 24	0 / 30
	2018 – 2019	62	20.9	27.5	12	10	5 / 26	0 / 43
OTHER (AK, CK, INTACS)	2014 – 2015	55	17.5	5.1	0	2	0 / 4	0 / 5
	2015 – 2016	58	4.1	5	0	1	0 / 2	0 / 3
	2016 – 2017	55	12	13.7	1	1	0 / 9	0 / 5
	2017 – 2018	57	15.2	9.1	0	0	0 / 2	0 / 3
	2018 – 2019	62	6.4	5.3	0	0	0 / 4	0 / 1
PHAKIC IOL	2014 – 2015	55	0.8	2	0	0	0 / 0	0 / 2
	2015 – 2016	58	0.5	1.9	0	0	0 / 0	0 / 2
	2016 – 2017	55	0.7	2.1	0	0	0 / 0	0 / 2
	2017 – 2018	57	2.8	7.7	0	0	0 / 0	0 / 2
	2018 – 2019	62	0.4	1.3	0	0	0 / 0	0 / 2
PRK, LASEK, SURFACE ABLATION	2014 – 2015	55	18	14.7	6	8	2 / 18	0 / 20
	2015 – 2016	58	18.4	22.3	6	10	2 / 16	1 / 20
	2016 – 2017	55	18.4	23.5	6	10	2 / 17	2 / 22
	2017 – 2018	57	14.6	16.4	7	5	0 / 18	0 / 18
	2018 – 2019	62	16.9	14	4	5	1 / 20	0 / 14