

Supplemental Table: Reports of Post-Cataract Surgery Herpetic Keratitis in Current Literature

Study	case	Age/ gender	operation	previous HSK or medical Hx (history)	Preoperative cornea	time interval (d:day w: week, M:month)	perioperative medication	surgery incision	clinical features	Main location layer	HSK and	HSV-1 PCR
Irina S Barequet⁴	1	74/F	Phaco+PCL	No Hx	clear	5 w	Topical timolol Topical latanoprost	superotemporal	Branching dendritic lesion	Superonasal epithelium		Not applied
	2	73/M	Phaco+PCL	No Hx	Small inferotemporal scar	1 w	brimonidine	superotemporal	SPK →dendrite	Inferotemporal epithelium		Not applied
	3	71/M	Phaco+PCL	No Hx	clear	2d	Topical dexamethasone	superotemporal	dendrite	Upper peripheral epithelium		Not applied
Nandesh Patel⁵	1	34/M	Phaco+PCL	Atopic dermatitis	clear	2d	Oral prednisolone Oral cyclosporine Topical triamcinolone	temporal	Epi defect then dendrite Eye lid bleb	Inferior & superotemporal Skin(Lid)		positive
Jhanji⁶	1	72/M	Phaco+PCL	No hx	unknown	2w	Topical steroid	superior	Epi defect along with incision Mild A.C reaction	Superior epithelium		positive
	2	36/M	Phaco+PCL	No hx	unknown	unknown	Topical steroid	superior	Epi ingrowth Mild A.C reaction	Superior epithelium		positive
	3	64/M	Phaco+PCL	No hx	unknown	6w	Topical steroid	temporal	Epi defect along with incision Mild A.C reaction	Temporal epithelium		positive
Resende¹¹	1	63/M	Phaco+PCL Previous PK	No Hx	unknown	1m	Topical prednisolone	Not written	Not written	Not written		N/A
Olsen¹⁹	1	29/F	Phaco+PCL	HSK Hx	unknown	7m	unknown	temporal	Linear KPs	Corneal endothelium adjacent to		N/A

2	59/F	Cataract surgery	unknown	unknown	3 w	Topical steroid and oral steroid	superotemporal	Line of linear KPs	of	incision Corneal endothelium adjacent to incision	N/A
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HSK: herpes simplex keratitis.

SPE: superficial punctate erosion

D's folding: Descemet's membrane folding.

KP: keratic precipitate

Phaco+PCL: phacoemulsification and posterior chamber lens insertion,

PK: penetrating keratoplasty

A.C: anterior chamber