

**Supplementary File No.01: Clinical examination of clinically suspected patients diagnosed with HSV-1 keratitis**

Sl. No.	Infected eye Units mL <sup>-1</sup>	Contralateral eye Units mL <sup>-1</sup>	Diagnosis	Clinical examination
1	1.056	0.33	Sclero Keratitis	Nebulo macular scarring with peripheral vascularisation
2	1.853	1.769	Necrotizing Stromal Keratitis	Conjunctival congestion +++, GHJ well apposed, graft infiltrate
3	0.94	0.65	Epithelial Keratitis	360-degree ciliary congestion, Diffuse stromal edema, vascularisation nasally around 8 o clock, DM fold, pigments on endothelium
4	1.005	1.498	Recurrent Deep stromal keratitis	<b>OD:</b> Macular grading scar centrally with edema, <b>OS:</b> Mild conjunctival congestion with deep stromal edema and vascularisation
5	3.57	1.08	Endotheliitis off treatment	Few old KPs pigments on endothelium
6	1.686	1.198	OD: Immune Stromal Keratitis OS: Endothelitis	<b>OD:</b> Conjunctival congestion (C++), Stromal edema (+), paracentral scar 2*5mm +; <b>OS:</b> Nebular corneal scar+ inferiorly 1*1mm
7	1.034	0.48	Endothelitis	Stroma edema with surrounding scarring Para centrally at infero-temporal cornea, Bullae present, pigments on endothelium, Old KPS are noted inferiorly corneal sensation reduced
8	1.15	0.942	Recurrent Deep Stromal Keratitis	Conjunctival congestion (C+++), Broken dendrite inferiorly with focal FS+ve with few fragments, Diffuse SPks overall
9	1.67	1.16	Recurrent Deep Stromal Keratitis on Acivir tab	Temporal macular scar involving 1/3rd of pupil with deep vascularisation
10	0.86	0.82	Resolving Epithelial keratitis on ACV	Conjunctival congestion (C+) Fleshy mass encroaching nasally, Dendritic epithelial defects nasally peripheral nebular scars with vascularisation
11	1.695	1.67	Endothelitis	Pigmented conjunctiva, Multiple nebular scars in cornea involving visual axis, Epithelial bullae with stromal scarring and KP's on endothelium
12	1.79	1.18	ACV Recurrence Endotheliitis	central scarring with pigments on endothelium KP's present Multiple bullae present stromal edema central corneal mid stromal infiltrate+ overlying epi defect of 1*1.8mm and corresponding area of corneal thinning+ Hypopyon +
13	2	2.58	Diffuse Endotheliitis	Scarring, few Keratitic precipitates
14	3.398	0.925	Large central leucomatous corneal scar, central stromal edema, extensive deep stromal vascularisation and lipid keratopathy	Corneal sensation LE diminished Central leucomatous scarring, stromal edema, extensive 4 quadrants of deep vascularisation, lipid keratopathy Central leucomatous scarring, stromal edema, extensive 4 quadrants of deep vascularisation, lipid keratopathy- Aqueous chamber
15	2.086	1.00	Recurrent Epithelial defect	Corneal sensation +, leucomatous corneal scar centrally with surrounding edema, vascularization temporally extending upto scar, 1 filament superiorly, few dendritic lesion
16	1.15	1.56	Epithelial Keratitis	Conjunctival congestion, more prominent nasally with chemosis, Central edema with whitish lesion Para centrally involving visual axis, deep and superficial vascularisation Geographical ulcer nasally 4x2 mm epithelial defect V* H 2.5*2mm
17	3.48	2.71	OU Recurrent Epithelial keratitis	<b>OD:</b> Stromal scarring with superficial vascularization 360-degree mid stromal Dotted lesions with cellularity + inferior- paracentral, <b>OS:</b> Stromal scarring with superficial vascularization 360-degree mid stromal Dotted lesions with cellularity + inferior- paracentral

18	0.979	2.735	Epithelial and Immune Stromal Keratitis	Conjunctival congestion, Central epithelial (H*V 4*3.4) defect surrounded by cellularity
19	3.96	1.20	Recurrent Chronic Endotheliitis/Keratouveitis	360-degree scarring
20	1.342	1.185	Deep Stromal Keratitis	<b>OD:</b> conjunctival congestion, ring shaped deep stromal infiltrate centrally with vascularisation; <b>OS:</b> Faint nebular grade scarring superiorly, minimally obscuring VA
21	0.67	0.33	Recurrent Deep Stromal Keratitis	Diffuse macular scar with mild edema inferiorly
22	0.42	2.64	Recurrent Deep Stromal Keratitis	Mid Stromal Scarring Temporal and Inferiorly with Deep Vascularization RE shows dense stromal scarring with mid stromal edema Old KPs noted Superficial vascularization noted temporally Likely reactivation of HSV infection/interstitial keratitis
23	1.853	1.769	Immune Stromal Keratitis	Macular scarring with superficial vascularization, mild stromal edema, KP's on endo Multiple stromal scars at various levels with pigmented KP on the endothelium, Stromal edema noted with leash of deep stromal vessels present at 9 o'clock stromal edema reduced Imp- LE Immune mediated stromal keratitis- responding
24	0.94	0.65	Recurrent Deep Stromal Keratitis	corneal edema, epithelial defect centrally, nebulomacular scarring centrally
25	1.342	1.185	Endotheliitis	<b>OD:</b> Stromal edema, macular scar centrally <b>OS:</b> Macular scar centrally
26	0.44	0.49	Endotheliitis	Inferior scarring Few spk's ,
27	0.19	1.53	Resolving Epithelial Keratitis	Conjunctival congestion (+), Superiorly corneal edema with Surface epithelial defect 4.8x8.1mm
28	0.27	0.24	Epithelial Keratitis	Resolved epithelial defect, DM folds, KP's on endothelium, mild stromal haze AC: hypopyon
29	3.40	0.92	Immune Stromal Keratitis	Conjunctival congestion (C++), Micro cystic edema, DM folds, Small multiple infiltrates with epithelial defect measuring 1.5*1 mm at nasally, Incisional scar at 9 o'clock
30	0.39	0.38	Recurrent Epithelial Keratitis	Dendritic epithelial defect superior nasal area Reduced Corneal sensation Mild corneal edema noted centrally has 2 dendritic lesions at 11 and 12 o'clock