

Supplementary table:
The case descriptions based on COMET study period

Case number	Age range	Gender	Laterality	Underlying disease	Purpose of COMET	Site of COMET sheet application	COMET study period	BCVA (logMAR)				OSGS (total)			Duration of (years)			Additional surgery/ies		
								Initial examination	6 mos after COMET	Before limbal-rigid CL	Final examination	Initial examination	6 mos after COMET	Before limbal-rigid CL	Final examination	Onset - COMET	COMET – limbal-rigid CL	Limbal-rigid CL – final examination	Cataract	PKP
1	30s	M	OD	SJS	Vision improvement	Cornea	Retrospective cohort clinical study (2002-2008)	2.4	0.7	1.1	1.2	18	7	7	8	7.7	6.4	10.3	yes	no
2	40s	M	OD	SJS	Vision improvement	Cornea	Retrospective cohort clinical study (2002-2008)	2.0	2.0	2.0	1.5	12	7	7	8	1.1	3.3	10.2	no	no
3	80	F	OD	SJS	Vision improvement	Cornea	Retrospective cohort clinical study (2002-2008)	2.7	2.0	2.1	1.7	20	6	6	6	5.7	1.0	13.3	yes	no
4	40s	M	OS	SJS	Vision improvement	Cornea	Retrospective cohort clinical study (2002-2008)	2.0	1.7	1.7	2.1	8	8	8	9	28.6	0.6	12.8	no	no
5	40	F	OS	SJS	Vision improvement	Cornea	Retrospective cohort clinical study (2002-2008)	1.7	1.7	1.2	0.7	17	7	6	5	4.0	10.0	1.5	no	no
6	70s	F	OS	SJS	Release symblepharon	Sclera	Retrospective cohort clinical study (2009-2011)	2.0	1.7	1.3	0.8	17	8	7	5	48.6	2.2	9.8	yes	yes
7	70s	F	OS	OCP	Vision improvement	Cornea	Retrospective cohort clinical study (2009-2011)	2.4	1.3	2.1	1.1	19	8	8	8	5.9	1.1	10.5	yes	no
8	40s	F	OD	SJS	Release symblepharon	Sclera	Retrospective cohort clinical study (2009-2011)	2.1	2.0	1.7	2.0	8	6	8	7	0.8	0.8	10.3	yes	no
9	40s	F	OS	SJS	PED	Cornea	Retrospective cohort clinical study (2009-2011)	2.4	2.4	2.1	2.1	8	8	7	6	0.8	0.8	10.3	yes	no
10	60s	M	OD	SJS	Release symblepharon	Sclera	Retrospective cohort clinical study (2009-2011)	1.5	1.5	1.1	0.7	18	6	6	8	0.3	0.4	9.0	no	no
11	60s	M	OS	SJS	PED	Cornea	Retrospective cohort clinical study (2009-2011)	2.0	0.8	1.2	0.4	9	6	6	6	0.3	0.4	9.0	no	no
12	40s	M	OD	SJS	PED	Cornea	Prospective clinical study (2014-2017)	2.4	2.4	2.0	1.7	10	11	13	12	0.2	3.4	3.2	no	no
13	70s	F	OD	SJS	Release symblepharon	Sclera	Prospective clinical study (2014-2017)	2.4	0.7	1.0	2.0	15	1*	10	10	53.7	3.0	3.9	yes	yes
14	50s	F	OD	SJS	Vision improvement	Cornea	Prospective clinical study (2014-2017)	2.1	2.0	2.1	2.1	14	8	10	9	37.6	3.5	1.8	no	no
15	60s	F	OS	SJS	Release symblepharon	Sclera	Prospective clinical study (2014-2017)	2.1	2.0	2.0	1.4	20	12	12	11	20.6	0.5	5.4	yes	no
16	70s	F	OS	SJS	Vision improvement	Cornea	Prospective clinical study (2014-2017)	2.1	1.5	1.7	1.3	14	8	8	9	50.1	0.4	1.5	yes	no
17	60s	F	OS	SJS	PED	Cornea	Prospective clinical study (2014-2017)	1.0	1.2	1.2	0.2	9	8	8	8	0.2	0.3	5.0	yes	no
18	30s	F	OD	SJS	Release symblepharon	Mix (sclera>cornea)	Prospective clinical study (2014-2017)	0.8	0.3	0.3	0.2	12	5	5	6	23.4	0.4	4.7	no	no

19	80s	F	OD	OCP	Release symblepharon	Mix (sclera>cornea)	Prospective clinical study (2014-2017)	1.1	1.1	1.1	0.8	12	3	3	8	16.2	0.5	4.3	yes	no
20	70s	F	OD	OCP	Vision improvement	Cornea	Prospective clinical study (2014-2017)	1.2	1.5	1.5	2.0	13	9	9	9	13.2	0.5	4.1	yes	no
21	80	M	OD	SJS	Release symblepharon	Mix (cornea>sclera)	Investigator-initiated clinical trial (phase 3) (2017-2020)	1.0	0.4	0.8	0.4	9	4	4	6	38.1	1.5	1.6	yes	no
22	50s	F	OS	SJS	Vision improvement	Mix (sclera>cornea)	Investigator-initiated clinical trial (phase 3) (2017-2020)	2.1	2.1	2.4	2.4	18	11	11	15	41.1	0.4	2.0	no	no
23	50s	F	OD	SJS	Release symblepharon	Sclera	Investigator-initiated clinical trial (phase 3) (2017-2020)	2.1	2.1	2.1	2.1	13	8	8	7	27.1	0.5	2.1	no	no

M: male; F: female, OD: right eye, OS: left eye, SJS: Stevens Johnson Syndrome; OCP: ocular cicatricial pemphigoid; PED: persistent epithelial defect; Mix: cornea and sclera, COMET: cultivated oral mucosal epithelial transplantation; CL: contact lens, PKP: penetrating keratoplasty.

* The COMET surgery was performed with PKP simultaneously. Sclera>cornea: COMET was done mainly on the sclera. Cornea>sclera: COMET was done mainly on the cornea.