

Table S1. Cornea 1.

	Pressure (kPa)	Pentacam measurements							t (μm)
		Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	
Increase	1.64	7.20	7.63	7.42	6.05	6.86	6.46	6.94	610
	2.23	7.22	7.64	7.43	6.05	6.82	6.44	6.93	598
	2.74	7.21	7.66	7.44	6.07	6.87	6.47	6.95	589
	3.54	7.27	7.85	7.56	6.12	7.03	6.58	7.07	577
	4.45	7.45	8.14	7.80	6.26	7.31	6.79	7.29	568
	4.98	7.55	8.29	7.92	6.35	7.46	6.91	7.41	560
	6.02	7.58	8.41	8.00	6.42	7.68	7.05	7.52	552
	6.79	7.61	8.49	8.05	6.49	7.80	7.15	7.60	546
	7.66	7.63	8.55	8.09	6.48	7.85	7.17	7.63	540
	6.80	7.62	8.54	8.08	6.47	7.79	7.13	7.61	531
Decrease	6.10	7.62	8.52	8.07	6.51	7.83	7.17	7.62	526
	5.33	7.60	8.48	8.04	6.50	7.79	7.15	7.59	518
	4.67	7.55	8.40	7.98	6.51	7.76	7.14	7.56	511
	3.98	7.47	8.28	7.88	6.45	7.61	7.03	7.45	505
	3.32	7.34	8.10	7.72	6.36	7.46	6.91	7.32	500
	2.64	7.24	7.88	7.56	6.30	7.23	6.77	7.16	497
	1.74	7.06	7.56	7.31	6.14	7.03	6.59	6.95	489

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius; t- Corneal thickness

Table S2. Cornea 2.

	Pressure (kPa)	Pentacam measurements							t (μm)
		Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	
Increase	1.61	7.14	7.37	7.26	5.84	6.26	6.05	6.65	874
	2.64	7.35	7.39	7.37	6.04	6.18	6.11	6.74	854
	3.50	7.40	7.59	7.50	6.21	6.28	6.25	6.87	840
	4.66	7.60	7.74	7.67	6.49	6.51	6.50	7.09	830
	5.54	7.79	7.80	7.80	6.53	6.65	6.59	7.19	823
	6.70	7.82	7.94	7.88	6.55	6.84	6.70	7.29	818
	7.67	7.82	8.19	8.01	6.56	7.16	6.86	7.43	812
	6.52	7.76	8.25	8.01	6.50	7.22	6.86	7.43	807
	5.67	7.73	8.27	8.00	6.45	7.22	6.84	7.42	803
	4.99	7.68	8.22	7.95	6.45	7.17	6.81	7.38	799
Decrease	3.63	7.64	8.14	7.89	6.38	7.08	6.73	7.31	795
	2.53	7.53	8.04	7.79	6.27	6.94	6.61	7.20	792
	1.74	7.35	7.70	7.53	6.07	6.68	6.38	6.95	794

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius; t- Corneal thickness

Table 3. Cornea 3.

	Pressure (kPa)	Pentacam measurements							t (μm)
		Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	
Increase	1.61	7.69	8.17	7.93	6.20	6.78	6.49	7.21	1000
	2.24	7.62	8.76	8.19	6.24	7.18	6.71	7.45	937
	2.58	7.70	8.92	8.31	6.32	7.34	6.83	7.57	929
	3.03	7.78	9.11	8.45	6.43	7.60	7.02	7.73	921

3.71	7.84	9.30	8.57	6.52	7.93	7.23	7.90	912
4.00	7.84	9.36	8.60	6.48	8.04	7.26	7.93	904
4.76	7.87	9.39	8.63	6.50	8.15	7.33	7.98	897
4.88	7.85	9.43	8.64	6.56	8.15	7.36	8.00	890
5.60	7.85	9.46	8.66	6.56	8.26	7.41	8.03	885
6.04	7.84	9.49	8.67	6.58	8.33	7.46	8.06	878
6.65	7.86	9.49	8.68	6.56	8.33	7.45	8.06	873
7.12	7.86	9.51	8.69	6.58	8.38	7.48	8.08	868
7.53	7.84	9.54	8.69	6.61	8.40	7.51	8.10	862
8.21	7.84	9.53	8.69	6.60	8.44	7.52	8.10	856

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius; t- Corneal thickness

Table S4. Cornea 4.

	Pressure (kPa)	Pentacam measurements							t (μm)
		Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	
Increase	1.68	7.72	8.43	8.08	6.31	7.07	6.69	7.38	972
	2.16	7.84	8.59	8.22	6.37	7.22	6.80	7.51	966
	2.69	7.94	8.82	8.38	6.49	7.44	6.97	7.67	955
	3.25	7.98	9.01	8.50	6.57	7.61	7.09	7.79	942
	3.73	7.99	9.15	8.57	6.65	7.80	7.23	7.90	925
	4.18	7.99	9.21	8.60	6.65	7.85	7.25	7.93	918
	4.65	7.99	9.24	8.62	6.69	7.91	7.30	7.96	908
	5.00	7.99	9.26	8.63	6.72	7.94	7.33	7.98	900
	5.68	7.99	9.27	8.63	6.71	7.95	7.33	7.98	892
	6.09	7.99	9.28	8.64	6.73	7.99	7.36	8.00	884
	6.69	7.99	9.30	8.65	6.74	8.01	7.38	8.01	876
	7.18	7.99	9.31	8.65	6.77	8.07	7.42	8.04	869
	7.77	7.98	9.31	8.65	6.79	8.07	7.43	8.04	854
	7.10	7.98	9.30	8.64	6.83	8.11	7.47	8.06	838
	6.58	7.97	9.31	8.64	6.82	8.09	7.46	8.05	831
Decrease	5.84	7.97	9.30	8.64	6.80	8.10	7.45	8.04	825
	5.53	7.96	9.31	8.64	6.83	8.15	7.49	8.06	816
	4.76	7.94	9.31	8.63	6.85	8.18	7.52	8.07	810
	4.27	7.93	9.32	8.63	6.80	8.17	7.49	8.06	800
	3.76	7.91	9.31	8.61	6.79	8.21	7.50	8.06	783
	3.30	7.89	9.31	8.60	6.82	8.18	7.50	8.05	787
	2.46	7.85	9.29	8.57	6.81	8.27	7.54	8.06	784
	2.14	7.80	9.21	8.51	6.72	8.14	7.43	7.97	777
	1.35	7.47	8.48	7.98	6.52	7.01	6.77	7.37	769

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius; t- Corneal thickness

Table S5. Cornea 5.

	Pressure (kPa)	Pentacam measurements							t (μm)
		Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	
Increase	1.51	7.49	8.03	7.76	6.37	6.71	7.06	7.41	816
	2.01	7.47	8.05	7.76	6.51	6.89	7.14	7.45	807
	2.44	7.49	8.16	7.83	6.53	6.97	7.18	7.50	795
	2.71	7.51	8.21	7.86	6.60	7.03	7.23	7.55	784
	2.99	7.67	8.50	8.09	6.91	7.38	7.50	7.79	763

	3.50	7.71	8.63	8.17	7.00	7.58	7.59	7.88	757
	4.10	7.79	8.79	8.29	7.12	7.77	7.71	8.00	747
	4.59	7.83	8.92	8.38	7.21	7.90	7.79	8.08	740
	5.17	7.86	9.03	8.45	7.31	8.02	7.88	8.16	732
	5.57	7.88	9.08	8.48	7.41	8.17	7.94	8.21	725
	6.09	7.90	9.10	8.50	7.42	8.20	7.96	8.23	717
	6.61	7.91	9.13	8.52	7.51	8.27	8.02	8.27	707
	7.08	7.92	9.13	8.53	7.55	8.35	8.04	8.28	700
	7.47	7.93	9.13	8.53	7.59	8.38	8.06	8.30	693
	8.17	7.92	9.12	8.52	7.61	8.42	8.06	8.29	685
	7.40	7.92	9.14	8.53	7.66	8.46	8.09	8.31	673
	6.71	7.90	9.14	8.52	7.63	8.42	8.07	8.30	669
	6.15	7.87	9.12	8.50	7.66	8.46	8.08	8.29	653
	5.34	7.84	9.12	8.48	7.69	8.50	8.09	8.28	647
Decrease	4.47	7.80	9.08	8.44	7.60	8.42	8.02	8.23	640
	3.65	7.69	8.99	8.34	7.48	8.33	7.91	8.12	636
	2.86	7.49	8.71	8.10	7.26	8.02	7.68	7.89	631
	2.23	7.28	8.17	7.73	6.96	7.56	7.34	7.53	629

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius; t- Corneal thickness

Table S6. Cornea 6.

	Pentacam measurements								
	Pressure (kPa)	Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	t (μm)
	2.44	7.01	8.97	7.99	6.52	6.92	7.25	7.62	826
	3.72	6.97	8.95	7.96	6.42	6.76	7.19	7.57	800
Increase	4.84	6.92	9.03	7.98	6.55	7.02	7.26	7.62	794
	5.86	6.95	9.15	8.05	6.68	7.16	7.37	7.71	782
	7.55	7.02	9.33	8.18	6.91	7.51	7.54	7.86	774
	7.14	7.04	9.33	8.19	6.83	7.37	7.51	7.85	769
	6.41	7.02	9.27	8.15	6.79	7.36	7.47	7.81	763
	5.49	7.00	9.24	8.12	6.68	7.14	7.40	7.76	758
Decrease	4.65	6.95	9.22	8.09	6.68	7.16	7.38	7.73	749
	4.17	6.96	9.15	8.06	6.54	7.00	7.30	7.68	741
	3.17	6.93	9.07	8.00	6.53	6.96	7.27	7.63	740
	2.30	6.99	8.96	7.98	7.13	7.71	7.55	7.76	768

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius; t- Corneal thickness

Table S7. Cornea 7.

	Pentacam measurements								
	Pressure (kPa)	Rsa (mm)	Rfa (mm)	Rma (mm)	Rsp (mm)	Rfp (mm)	Rmp (mm)	Rm (mm)	t (μm)
	1.92	7.55	8.07	7.81	6.04	6.73	6.39	7.10	1073
	2.35	7.65	8.23	7.94	6.15	6.92	6.54	7.24	1060
	3.11	7.79	8.44	8.12	6.32	7.15	6.74	7.43	1051
	3.68	7.91	8.63	8.27	6.44	7.39	6.92	7.59	1042
	4.30	7.96	8.74	8.35	6.53	7.53	7.03	7.69	1036
	4.98	8.03	8.83	8.43	6.60	7.64	7.12	7.78	1032
	5.69	8.07	8.88	8.48	6.67	7.73	7.20	7.84	1027
	6.42	8.11	8.93	8.52	6.71	7.82	7.27	7.89	1021
	7.67	8.13	8.98	8.56	6.74	7.89	7.32	7.94	1016

	7.97	8.14	9.00	8.57	6.77	7.95	7.36	7.97	1011
	7.19	8.14	9.03	8.59	6.77	8.01	7.39	7.99	1003
	6.49	8.13	9.00	8.57	6.76	8.00	7.38	7.97	996
	5.63	8.11	8.99	8.55	6.72	7.96	7.34	7.95	987
	4.99	8.09	8.99	8.54	6.66	7.87	7.27	7.90	980
Decrease	4.11	8.07	8.94	8.51	6.65	7.93	7.29	7.90	975
	3.59	8.03	8.89	8.46	6.64	7.77	7.21	7.83	969
	2.94	7.97	8.79	8.38	6.52	7.67	7.10	7.74	966
	2.42	7.87	8.62	8.25	6.49	7.46	6.98	7.61	963
	1.59	7.55	8.10	7.83	6.02	6.83	6.43	7.13	962

Rsa- steepest radius of the anterior corneal surface; Rfa- flattest radius of the anterior corneal surface; Rma- Mean radius of the anterior corneal surface; Rsp- steepest radius of the posterior corneal surface; Rfp- flattest radius of the posterior corneal surface; Rmp- Mean radius of the posterior corneal surface; Rm- Mean corneal radius ;t- Corneal thickness