S1. Screening Period Data

S1.1. Vital signs (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
Height(cm)	N(nmiss)	66(0)	66(0)	T test	0.334	0.739
	Mean±SD	167.20±8.46	166.69±8.84			
Weight(kg)	N(nmiss)	66(0)	66(0)	T test	-0.010	0.992
	Mean±SD	67.93±12.79	67.95±12.30			
Body temperature (℃)	N(nmiss)	66(0)	66(0)	T test	-0.478	0.633
	Mean±SD	36.35±0.21	36.37±0.26			
Respiration(N/min)	N(nmiss)	66(0)	65(1)	T test	0.193	0.847
	Mean±SD	18.03±1.37	17.98±1.34			
Heart rate(N/min)	N(nmiss)	66(0)	65(1)	T test	-0.389	0.698
	Mean±SD	75.45±8.03	76.08±10.19			
Systolic pressure (mmHg)	N(nmiss)	66(0)	66(0)	T test	-0.651	0.516
	Mean±SD	127.02±15.19	128.59±12.50			
Diastolic pressure (mmHg)	N(nmiss)	66(0)	66(0)	T test	-0.163	0.870
	Mean±SD	77.94±10.00	78.23±10.23			

S1.2. Past medical history (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
Medical history	N(nmiss)	66(0)	66(0)	Chi-square test	0.328	0.567
	No	18(27.27%)	21(31.82%)			
	Yes	48(72.73%)	45(68.18%)			
Allergic history	N(nmiss)	66(0)	66(0)	Exact probability method		0.492
	No	60(90.91%)	63(95.45%)			
	Yes	6(9.09%)	3(4.55%)			
History of medications	N(nmiss)	66(0)	66(0)	Chi-square test	0.489	0.484
	No	34(51.52%)	38(57.58%)			
	Yes	32(48.48%)	28(42.42%)			
History of ocular surgery	N(nmiss)	66(0)	66(0)	Chi-square test	1.234	0.267
	No	51(77.27%)	56(84.85%)			
	Yes	15(22.73%)	10(15.15%)			

S1.3. History of smoking and alcohol consumption (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
History of smoking	N(nmiss)	66(0)	66(0)	Chi-square test	1.880	0.170
	No	56(84.85%)	61(92.42%)			
	Yes	10(15.15%)	5(7.58%)			
Duration of Smoking(year)	N(nmiss)	10(0)	5(0)	Wilcoxon	-1.358	0.174
	Mean±SD	31.20±5.37	19.00±16.64			
History of drinking	N(nmiss)	66(0)	66(0)	Chi-square test	0.236	0.627
	No	57(86.36%)	55(83.33%)			
	Yes	9(13.64%)	11(16.67%)			
Alcohol consumption	N(nmiss)	9(0)	11(0)	Exact probability method		0.479
	Little	9(100.00%)	9(81.82%)			
	Mass	0(0.00%)	2(18.18%)			

S1.4. Coagulation function test (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
APTT	N(nmiss)	65(1)	66(0)	Chi-square test	1.103	0.294
	Normal	54(83.08%)	59(89.39%)			
	Abnormalities without clinical significance	11(16.92%)	7(10.61%)			
PT	N(nmiss)	65(1)	66(0)	Exact probability method		1.000
	Normal	64(98.46%)	65(98.48%)			
	Abnormalities without clinical significance	1(1.54%)	1(1.52%)			
FIB	N(nmiss)	65(1)	66(0)	Exact probability method		0.274
	Normal	63(96.92%)	60(90.91%)			
	Abnormalities without clinical significance	2(3.08%)	6(9.09%)			
TT	N(nmiss)	65(1)	66(0)	Exact probability method		1.000
	Normal	63(96.92%)	63(95.45%)			
	Abnormalities without clinical significance	2(3.08%)	3(4.55%)			

S1.5. Routine blood test (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
Hb	N(nmiss)	65(1)	66(0)	Exact probability method		0.440
	Normal	63(96.92%)	61(92.42%)			
	Abnormalities without clinical significance	2(3.08%)	5(7.58%)			
RBC	N(nmiss)	65(1)	66(0)	Chi-square test	0.355	0.551
	Normal	57(87.69%)	60(90.91%)			
	Abnormalities without clinical significance	8(12.31%)	6(9.09%)			
WBC	N(nmiss)	65(1)	66(0)	Exact probability method		0.440
	Normal	63(96.92%)	61(92.42%)			
	Abnormalities without clinical significance	2(3.08%)	5(7.58%)			
PLT	N(nmiss)	65(1)	66(0)	Exact probability method		0.440
	Normal	63(96.92%)	61(92.42%)			
	Abnormalities without clinical significance	2(3.08%)	5(7.58%)			
NEUT	N(nmiss)	65(1)	66(0)	Exact probability method		0.440
	Normal	63(96.92%)	61(92.42%)			
	Abnormalities without clinical significance	2(3.08%)	5(7.58%)			

S1.6. Blood biochemical test (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
ALT	N(nmiss)	65(1)	66(0)	Exact probability method		0.264
	Normal	58(89.23%)	62(93.94%)			
	Abnormalities without clinical significance	7(10.77%)	3(4.55%)			
	Abnormalities with clinical significance	0(0.00%)	1(1.52%)			
AST	N(nmiss)	65(1)	66(0)	Exact probability method		0.225
	Normal	55(84.62%)	60(90.91%)			
	Abnormalities without clinical significance	10(15.38%)	5(7.58%)			
	Abnormalities with clinical significance	0(0.00%)	1(1.52%)			
Cr	N(nmiss)	65(1)	66(0)	Exact probability method		0.096
	Normal	58(89.23%)	64(96.97%)			
	Abnormalities without clinical significance	7(10.77%)	2(3.03%)			
UREA or BUN	N(nmiss)	65(1)	66(0)	Chi-square test	2.565	0.109
	Normal	57(87.69%)	63(95.45%)			
	Abnormalities without clinical significance	8(12.31%)	3(4.55%)			

S1.7. Ocular examination (FAS).

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
Eyelid	N(nmiss)	66(0)	66(0)			
	No abnormality seen	66(100.00%)	66(100.00%)			
Palpebral conjunctiva	N(nmiss)	66(0)	66(0)			
	No abnormality seen	66(100.00%)	66(100.00%)			
Bulbar conjunctiva	N(nmiss)	66(0)	66(0)	Exact probability method		0.334
	No abnormality seen	61(92.42%)	65(98.48%)			

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
	Hyperaemia	2(3.03%)	0(0.00%)			
	Pinguecula	2(3.03%)	1(1.52%)			
	Pterygium	1(1.52%)	0(0.00%)			
Cornea	N(nmiss)	66(0)	66(0)			
	Transparent	66(100.00%)	66(100.00%)			
Tyndall	N(nmiss)	66(0)	66(0)	Exact probability method		0.496
	0	65(98.48%)	64(96.97%)			
	2+	1(1.52%)	0(0.00%)			
	Little	0(0.00%)	2(3.03%)			
Anterior chamber cells	N(nmiss)	66(0)	66(0)			
	0	66(100.00%)	66(100.00%)			
Lens	N(nmiss)	65(1)	59(7)	Chi-square test	2.570	0.109
	Transparent	10(15.38%)	16(27.12%)			
	Opacity	55(84.62%)	43(72.88%)			
Cortical opacity(C)	N(nmiss)	54(12)	43(23)	Exact probability method		0.404
	0	12(22.22%)	16(37.21%)			
	1	18(33.33%)	14(32.56%)			
	2	15(27.78%)	8(18.60%)			
	3	3(5.56%)	2(4.65%)			
	4	0(0.00%)	1(2.33%)			
	tr	6(11.11%)	2(4.65%)			
Nuclear opacity(N)	N(nmiss)	54(12)	43(23)	Exact probability method		0.106
	0	18(33.33%)	8(18.60%)			
	1	18(33.33%)	23(53.49%)			
	2	16(29.63%)	12(27.91%)			
	3	2(3.70%)	0(0.00%)			
Posterior subcapsular opacity(P)	N(nmiss)	54(12)	43(23)	T test	0.803	0.424
	Mean±SD	0.26±0.48	0.19±0.39			
Posterior capsule	N(nmiss)	66(0)	66(0)	Exact		1.000

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
	Complete	66(100.00%)	65(98.48%)	probability method		
	Incomplete	0(0.00%)	1(1.52%)			
Intraocular lens	N(nmiss)	66(0)	66(0)	Exact probability method		0.115
	No	65(98.48%)	60(90.91%)			
	Yes	1(1.52%)	6(9.09%)			
Vitreous body	N(nmiss)	59(7)	59(7)	Exact probability method		0.996
	Transparent	13(22.03%)	12(20.34%)			
	Posterior detachment	1(1.69%)	1(1.69%)			
	Liquidation	1(1.69%)	0(0.00%)			
	Opacity	15(25.42%)	16(27.12%)			
Grade of blood	N(nmiss)	32(34)	33(33)	Exact probability method		0.573
	0	25(78.13%)	28(84.85%)			
	1+	5(15.63%)	2(6.06%)			
	Little	2(6.25%)	3(9.09%)			
Cells	N(nmiss)	31(35)	33(33)	Exact probability method		0.069
	0	13(41.94%)	16(48.48%)			
	1+	12(38.71%)	5(15.15%)			
	2+	0(0.00%)	4(12.12%)			
	3+	2(6.45%)	1(3.03%)			
	Little	4(12.90%)	7(21.21%)			
Eye movement	N(nmiss)	66(0)	66(0)	Chi-square test		
	Normal	66(100.00%)	66(100.00%)			
Macular hole	N(nmiss)	66(0)	66(0)	Chi-square test		
	No	66(100.00%)	66(100.00%)			
C/D	N(nmiss)	66(0)	66(0)	Exact probability method		0.049
	0.2	6(9.09%)	2(3.03%)			
	0.3	39(59.09%)	52(78.79%)			
	0.4	5(7.58%)	2(3.03%)			

Observation item		Experimental Group	Control Group	Statistical Approach	Statistical Magnitude	P Value
	0.5	4(6.06%)	0(0.00%)			
	＜0.3	0(0.00%)	1(1.52%)			
	Normal	12(18.18%)	9(13.64%)			
Others	N(nmiss)	57(9)	56(10)	Exact probability method		0.347
	NA	35(61.40%)	32(57.14%)			