

**Supplementary Data: Clinical data of all subjects**

Patient #	Age	Sex	Eye	Classification of uveitis	Diagnosis	Number of vitreous hyperreflective particles				Vitreous particle density (particles / $\mu\text{m}^2$ )	The length of the vitreous p ellipses with smallest size:		
						#1	#2	#3	Mean	Mean	#1	#2	#3
1	27	Male	Left	IFU	Ocular toxocariasis	26	26	24	25.3	5.7	25	29	29
2	42	Male	Right	IFU	Cytomegalovirus retinitis	246	184	269	233.0	54.4	23	22	26
			Left	IFU	Cytomegalovirus retinitis	23	32	40	31.7	7.0	12	15	10
3	66	Male	Left	IFU	Cytomegalovirus retinitis	12	7	20	13.0	4.2	19	16	16
4	54	Female	Left	IFU	Varicella zoster virus-associated uveitis	127	139	166	144.0	29.1	22	22	21
5	50	Male	Left	IFU	Ocular tuberculosis	32	40	32	34.7	3.2	14	17	14
6	84	Female	Left	IFU	Acute retinal necrosis	59	62	64	61.7	13.9	23	18	23
7	30	Female	Right	NIGU	Unclassified intraocular inflammation	11	15	13	13.0	2.1	17	13	13
			Left	NIGU	Unclassified intraocular inflammation	22	31	32	28.3	6.7	19	26	24
8	35	Female	Right	NIGU	Sarcoidosis	14	12	18	14.7	3.0	17	22	16
			Left	NIGU	Sarcoidosis	10	10	11	10.3	1.9	25	25	25
9	31	Female	Right	NIGU	Retinal vasculitis	30	24	19	24.3	5.9	20	23	21
			Left	NIGU	Retinal vasculitis	15	19	15	16.3	4.3	23	20	29
10	55	Female	Right	NIGU	Vogt-Koyanagi-Harada disease	23	26	26	25.0	5.4	20	22	25
			Left	NIGU	Vogt-Koyanagi-Harada disease	14	14	18	15.3	3.1	22	29	31
11	69	Female	Right	NIGU	Vogt-Koyanagi-Harada disease	12	15	11	12.7	2.8	19	25	21
			Left	NIGU	Vogt-Koyanagi-Harada disease	26	27	32	28.3	6.6	25	25	21
12	74	Female	Right	NIGU	Unclassified intraocular inflammation	31	22	23	25.3	6.0	20	16	16
			Left	NIGU	Unclassified intraocular inflammation	10	12	10	10.7	1.9	22	30	30
13	68	Male	Right	NIGU	Unclassified intraocular inflammation	20	20	18	19.3	4.2	31	30	30
14	82	Female	Left	NINGU	veitis associated with other systemic disease	14	15	16	15.0	2.9	32	39	22
15	32	Female	Right	NINGU	Unclassified intraocular inflammation	31	45	27	34.3	8.3	18	16	15
16	44	Female	Left	NINGU	Unclassified intraocular inflammation	22	16	17	18.3	4.1	28	17	21
17	52	Male	Right	NINGU	veitis associated with other systemic disease	6	8	11	8.3	1.9	26	31	19
			Left	NINGU	veitis associated with other systemic disease	9	10	7	8.7	2.7	19	17	14
18	64	Male	Right	NINGU	Unclassified intraocular inflammation	6	8	6	6.7	2.1	11	11	15
19	55	Male	Right	NINGU	Fuchs' heterochromic iridocyclitis	13	11	8	10.7	2.9	31	21	20
20	69	Female	Right	NINGU	Unclassified intraocular inflammation	16	27	17	20.0	4.6	23	22	16
21	42	Male	Right	NINGU	Unclassified intraocular inflammation	12	16	23	17.0	3.1	23	22	21
			Left	NINGU	Unclassified intraocular inflammation	17	21	25	21.0	5.5	21	29	25
22	58	Female	Right	NINGU	Unclassified intraocular inflammation	3	2	5	3.3	1.0	22	19	26
			Left	NINGU	Unclassified intraocular inflammation	9	6	4	6.3	1.7	29	27	23
23	64	Female	Right	NINGU	Unclassified intraocular inflammation	7	8	8	7.7	1.7	31	33	33

article s(μm)	The length of the vitreous particle ellipses with largest sizes(μm)				Vitreous haze grade
	Mean	#1	#2	#3	
27.7	80	137	110	109.0	2
23.6	194	204	200	199.4	2
12.3	137	170	110	139.0	1
17.3	77	60	95	77.4	1
21.6	143	155	144	147.3	2
15.0	77	80	77	78.0	1
21.3	246	307	263	272.1	3
14.3	92	104	93	96.5	0.5
23.0	81	93	88	87.3	2
18.5	106	93	77	92.0	2
25.0	82	104	82	89.6	1
21.3	149	115	71	111.7	0.5
24.0	40	104	66	70.0	0.5
22.3	47	47	51	48.3	1
27.3	65	76	80	73.7	1
21.7	44	54	49	49.0	0.5
23.7	97	104	82	94.5	0.5
17.6	103	110	115	109.3	1
27.3	80	60	75	71.7	2
30.3	94	100	102	98.6	2
31.0	114	197	219	177.1	2
16.3	63	99	82	81.3	0
22.0	69	82	71	74.1	2
25.3	34	27	31	30.8	1
16.7	34	49	52	45.1	1
12.3	29	55	55	46.1	1
24.0	61	60	66	62.4	1
20.4	40	66	66	57.2	1
21.9	41	66	49	52.1	1
25.0	29	55	49	44.3	1
22.3	22	19	26	22.3	0.5
26.3	57	68	49	58.2	0.5
32.3	40	44	33	38.9	0.5