

1 **Supplementary Table 1. Intraoperative and postoperative fundus examination**
2 **results of triamcinolone acetonide (TA) particle residue.**

	Intraoperative		Postoperative
TA particle residue	D0 n (%)	D1 n (%)	D7 / Early withdrawal n (%)
Grade 0	70 (60.9)	95 (82.6)	92 (80.0)
Grade 1	42 (36.5)	5 (4.3)	0 (0.0)
Grade 2	3 (2.6)	0 (0.0)	0 (0.0)
Not examined	0 (0.0)	15 (13.0)	22 (19.1)
Missing	0 (0.0)	0 (0.0)	1 (0.9)

3 Grade 0: No residue detected; Grade 1: Only minimal residue detected; Grade 2:
4 Obvious residue detected. Reasons for "Not examined" included mild ocular
5 discomfort, iridocyclitis, corneal edema, eyelid edema, and intravitreal gas tamponade.
6 All these patients underwent supplementary examinations subsequently, with no TA
7 particle residue detected.

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16 **Supplementary Table 2. Adverse Events with Incidence > 10%.**

	D1 n(%)		D7/Early withdrawal n(%)	
	Grade 1	Grade 2	Grade 1	Grade 2
Conjunctival hyperemia	55 (47.8)	39 (33.9)	27 (23.5)	2 (1.7)
Anterior chamber inflammation	11 (9.6)	57 (47.6)	19 (16.5)	0 (0.0)
Conjunctival edema	25 (21.7)	34 (29.6)	22 (19.1)	0 (0.0)
Subconjunctival hemorrhage	32 (27.8)	23 (20.0)	25 (21.7)	1 (0.9)
Eyelid edema	38 (33.0)	14 (12.2)	2 (1.7)	0 (0.0)
Corneal edema	35 (30.4)	9 (7.8)	6 (5.2)	0 (0.0)
IOP elevation	27 (23.5)	14 (12.2)	8 (7.0)	5 (4.3)
Ocular discomfort	19 (16.5)	1 (0.9)	15 (13.0)	0 (0.0)
Eyelid erythema	11 (9.6)	1 (0.9)	3 (2.6)	0 (0.0)

17 Investigators comprehensively determined the severity of events with reference to the
18 Common Terminology Criteria for Adverse Events (CTCAE), Version 5.0.

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