



岐阜大学機関リポジトリ

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Factors associated with recurrence of bleb-related infections

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Table 1. Background and demographics of participants

Number of eyes	108
Patients	103
Age [range] (years)	59 [41, 69]
Sex, male (%) and female (%)	61 (59.2%) and 42 (40.8%)
Diabetes number (%)	11 (10.7%)
Right/Left eyes	60 (55.6 %) /48 (44.4 %)
Refractive error (spherical equivalent)	-2.25 D [-7.00, 0.50 D]
Morphology of bleb	
Cystic	94 (88.7%)
Diffuse	11 (10.4%)
Flat	1 (0.9%)
Vascularity of bleb	
Avascular	96 (89.7%)
Hypovascular	10 (9.3%)
Hypervascularity	1 (0.9%)
Lens status	
Phakia	75 (69.4%)
Aphakia	9 (8.3%)
Intraocular lens	24 (22.2%)
Filtering surgery with antifibrotic agents	
5-fluorouracil	9 (8.4%)
Mitomycin C	96 (89.7%)
0.02 mg	1 (0.9%)
0.03 mg	1 (0.9%)
0.05 mg	1 (0.9%)
0.1 mg	75 (69.4%)
0.2 mg	18 (16.7%)
None	2 (1.9%)
Types of glaucoma (%)	
Primary open angle glaucoma	38 (35.2%)
Normal tension glaucoma	15 (13.9%)
Primary angle closure glaucoma	3 (2.8%)
Developmental glaucoma	27 (25.0%)

Secondary glaucoma	24 (22.2%)
Posner-Schlossman	1
Steroid	2
Trauma	4
Uveitis	5
Capsular	5
Unknown	7
Congenital	1 (0.9%)
Bleb revision before initial BRI	12 (11.1%)
Stage of BRI at diagnosis	
Stage I	65 (60.2%)
Stage II	20 (18.5%)
Stage III	23 (21.3%)
Years from surgery to initial infection	6.30 [3.20, 10.77]
IOP at onset of initial BRI (mmHg)	9.0 [5.0, 12.5]
IOP at onset of initial BRI ≤5 mmHg (Hypotony)	30 (29.1%)
Bleb leakage at onset of initial BRI	52 (48.1%)
Hypotony+, Bleb leakage+	20 (18.5%)
Hypotony+, Bleb leakage-	10 (9.3%)
Hypotony-, Bleb leakage+	30 (27.8%)
Hypotony-, Bleb leakage-	43 (39.8%)
IOP was unknown at onset	5 (4.6%)
Bleb leakage after the resolution of initial BRI	33 (33.7%)
Hypotony+, Bleb leakage+	7 (6.5%)
Hypotony+, Bleb leakage-	5 (4.6%)
Hypotony-, Bleb leakage+	26 (24.1%)
Hypotony-, Bleb leakage-	56 (51.9%)
IOP was unknown after initial BRI	14 (13.0%)
Oozing at the onset of initial BRI	7 (7.0%)
Hypotony after the resolution of initial BRI	12 (12.5%)
Oozing after the resolution of initial BRI	8 (8.2%)
Use of prophylactic antibacterial drops	81 (75.7%)

Use of prophylactic steroid drops	12 (11.1%)
Treatment at initial infection	
Topical and systemic	35 (32.4%)
Subconjunctival injection	42 (38.9%)
Intracameral injection	6 (5.6%)
Intravitreal injection	3 (2.8%)
Vitrectomy	22 (20.4%)
Recurrent eye	21 (19.4%)

BRI: bleb related infection, IOP: intraocular pressure