

Table 3. Characteristics of eyes with uveitis and hypotony (<8 mmHg vs 8+ mmHg) at presentation

		Intraocular Pressures			Univariate		Multivariate*	
		<5 mmHg n=189	5-7 mmHg n=196	>7 mmHg n=10734	Odds Ratio (95% Confidence Interval)	p- value	Odds Ratio (95% Confidence Interval)	p-value
Age	<18	28.30%	27.80%	16.20%	1.91 (1.34 - 2.72)	<.001	1.15 (0.69 - 1.93)	0.53
	18-25	10.90%	12.90%	12.40%	1.06 (0.68 - 1.64)		0.88 (0.50 - 1.56)	
	26-35	17.90%	19.10%	20.90%	Reference		Reference	
	36-45	19.00%	18.60%	19.60%	1.03 (0.70 - 1.51)		1.07 (0.67 - 1.69)	
	46-55	9.80%	11.30%	14.80%	0.78 (0.50 - 1.20)		0.73 (0.42 - 1.30)	
	56-65	3.80%	3.60%	8.60%	0.49 (0.26 - 0.94)		0.61 (0.30 - 1.26)	
	>65	10.30%	6.70%	7.50%	1.32 (0.83 - 2.10)		0.67 (0.34 - 1.33)	
Gender	Female	67.20%	60.70%	64.10%	Reference	0.8287	Reference	0.1
	Male	32.80%	39.30%	35.90%	1.03 (0.81 - 1.31)		1.30 (0.96 - 1.77)	
Race	White	56.60%	56.10%	72.10%	Reference	<.001	Reference	0.11
	African-derived	32.30%	28.10%	15.70%	2.40 (1.83 - 3.14)		1.35 (0.89 - 2.06)	
	Other	11.10%	15.80%	12.20%	1.41 (0.98 - 2.01)		1.54 (0.98 - 2.42)	
Contralateral uveitis	Yes	89.40%	78.10%	82.60%	Reference	0.5944	Reference	0.35
	No	10.60%	21.90%	17.40%	0.93 (0.70 - 1.23)		1.20 (0.82 - 1.74)	
Hypertension	No	73.00%	84.20%	82.80%	Reference	0.0954	Reference	0.97
	Yes	27.00%	15.80%	17.20%	1.28 (0.96 - 1.70)		0.99 (0.66 - 1.50)	
Diabetes	No	89.40%	94.90%	94.80%	Reference	0.051	Reference	0.83
	Yes	10.60%	5.10%	5.20%	1.54 (1.00 - 2.38)		1.07 (0.57 - 2.01)	
Systemic diseases	Any†	36.50%	34.70%	24.10%	1.72 (1.35 - 2.20)	<.001	1.15 (0.72 - 1.85)	0.56
	HLA-B27 and/or spondyloarthropathy	6.30%	12.20%	10.40%	0.94 (0.65 - 1.36)	0.7307	1.34 (0.84 - 2.13)	0.22
	Juvenile idiopathic arthritis	18.00%	15.30%	5.00%	3.77 (2.71 - 5.23)	<.001	1.91 (1.09 - 3.33)	0.02
	Sarcoidosis	11.60%	9.20%	7.10%	1.48 (0.98 - 2.23)	0.0602	1.82 (1.08 - 3.07)	0.03
Type of uveitis	Anterior Uveitis	56.60%	59.70%	54.10%	Reference	<.001	Reference	0.053
	Intermediate Uveitis	2.60%	12.80%	17.30%	0.43 (0.28 - 0.66)		0.59 (0.34 - 1.01)	
	Panuveitis	34.40%	20.90%	11.60%	2.18 (1.65 - 2.88)		1.07 (0.70 - 1.62)	
	Posterior Uveitis	6.30%	6.60%	17.00%	0.35 (0.22 - 0.57)		0.54 (0.31 - 0.95)	
Visual Acuity	20/40 or better	4.20%	31.60%	63.30%	Reference	<.001	Reference	<.001
	>20/40 - <20/200	11.60%	24.50%	20.60%	2.85 (2.04 - 3.98)		2.13 (1.43 - 3.17)	
	20/200 or worse	84.10%	43.90%	16.00%	11.65 (8.73 - 15.54)		4.69 (3.21 - 6.85)	
Duration of uveitis at baseline	<6 months	19.00%	36.70%	35.40%	Reference	<.001	Reference	0.16
	6 months to 2 years	11.10%	13.80%	22.00%	0.73 (0.50 - 1.07)		0.80 (0.50 - 1.29)	

	2 to 5 years	11.10%	13.80%	18.10%	0.85 (0.58 - 1.26)		0.79 (0.48 - 1.30)		
	Greater than 5 years	58.70%	35.70%	24.60%	2.34 (1.77 - 3.10)		1.23 (0.82 - 1.86)		
Prior Cataract Surgery by Type	None	37.60%	65.30%	87.60%	Reference	<.001	Reference	<.001	
	Phacoemulsification	1.10%	4.60%	2.30%	2.06 (1.13 - 3.76)		2.35 (1.11 - 4.95)		
	Extracapsular cataract extraction	10.10%	8.20%	2.60%	5.13 (3.33 - 7.92)		3.76 (2.06 - 6.85)		
	Intracapsular cataract extraction	5.80%	2.00%	0.50%	11.60 (5.03 - 26.76)		12.61 (4.43 - 35.92)		
	Pars plana lensectomy	7.40%	1.50%	0.70%	7.83 (4.03 - 15.18)		3.78 (1.55 - 9.22)		
	Unknown	38.10%	18.40%	6.30%	6.63 (4.94 - 8.90)		6.25 (4.15 - 9.39)		
Prior Glaucoma Surgery	No	84.70%	86.20%	97.00%	Reference	<.001	Reference	<.001	
	Yes	15.30%	13.80%	3.00%	4.20 (2.83 - 6.23)		2.71 (1.74 - 4.22)		
Prior Trabeculectomy	No	88.90%	89.70%	98.10%	Reference	<.001	Reference	0.44	
	Yes	11.10%	10.30%	1.90%	5.40 (3.54 - 8.24)		1.40 (0.60 - 3.31)		
Prior Tube-Shunt Surgery	No	94.70%	95.90%	99.40%	Reference	0.0002	Reference	0.56	
	Yes	5.30%	4.10%	0.60%	5.10 (2.19 - 11.90)		1.29 (0.55 - 3.03)		
Prior Pars Plana Vitrectomy	No	76.20%	90.80%	97.10%	Reference	<.001	Reference	<.001	
	Yes	23.80%	9.20%	2.90%	4.97 (3.50 - 7.08)		2.56 (1.58 - 4.14)		
Prior Retinal Detachment Surgery	No	93.10%	96.90%	99.10%	Reference	0.0001	Reference	0.66	
	Yes	6.90%	3.10%	0.90%	4.04 (1.99 - 8.21)		1.22 (0.50 - 2.98)		
Signs of Inflammatory Activity at Presentation	Anterior chamber cells	Quiet	56.10%	32.50%	56.20%	Reference	<.001	Reference	<.001
		0.5+	15.60%	14.70%	16.50%	0.97 (0.69 - 1.38)		1.08 (0.72 - 1.62)	
		1+	12.10%	20.40%	12.40%	1.49 (1.07 - 2.08)		1.30 (0.85 - 2.00)	
		2+	8.70%	18.30%	9.70%	1.65 (1.16 - 2.35)		1.97 (1.25 - 3.10)	
		3+ or worse	7.50%	14.10%	5.20%	2.49 (1.72 - 3.62)		3.08 (1.89 - 5.04)	
	Vitreous cells	Quiet	58.70%	53.60%	57.60%	Reference	0.0019	Reference	0.004
		0.5+	11.90%	9.80%	12.70%	0.88 (0.57 - 1.34)		0.99 (0.61 - 1.59)	
		1+	7.90%	16.30%	15.30%	0.93 (0.65 - 1.35)		1.39 (0.91 - 2.13)	
		2+	12.70%	13.10%	10.90%	1.12 (0.73 - 1.71)		1.53 (0.94 - 2.50)	
		3+ or worse	8.70%	7.20%	3.40%	2.35 (1.51 - 3.67)		2.91 (1.65 - 5.15)	
	Vitreous haze	Quiet	70.90%	74.30%	82.90%	Reference	0.0004	Reference	0.03
		1+	17.90%	13.50%	10.90%	1.54 (1.05 - 2.26)		1.59 (1.03 - 2.45)	
		2+	6.00%	8.80%	4.40%	2.04 (1.24 - 3.36)		2.13 (1.17 - 3.86)	
		3+ or worse	5.10%	3.40%	1.80%	2.72 (1.44 - 5.12)		1.08 (0.31 - 3.77)	
	Keratic precipitates	No	85.50%	70.50%	84.20%	Reference	0.0132	Reference	0.69
		Yes	14.50%	29.50%	15.80%	1.49 (1.09 - 2.04)		0.91 (0.59 - 1.42)	
	Structural complications	Any†	67.80%	62.20%	43.00%	2.09 (1.66 - 2.62)	<.001	1.50 (1.09 - 2.05)	0.01

	Band keratopathy	33.10%	19.10%	4.10%	7.71 (5.55 - 10.72)	<.001	2.49 (1.36 - 4.56)	0.003
	Peripheral anterior synechia	15.30%	8.30%	3.60%	3.32 (2.19 - 5.04)	<.001	1.52 (0.91 - 2.53)	0.11
	Posterior synechia	33.30%	30.70%	18.00%	1.89 (1.48 - 2.41)	<.001	1.48 (1.05 - 2.09)	0.03
	Exudative detachment	16.50%	3.60%	1.30%	6.50 (3.83 - 11.04)	<.001	5.01 (2.74 - 9.13)	<.001

† Any systemic disease includes those in the table as well as Behçet's disease. Any structural complication includes those in the table as well as choroidal neovascularization, epiretinal membrane, exudative detachment, macular edema and retinal neovascularization

‡ Vitreous cells and haze are never adjusted by anterior chamber cells

* Adjusting for cataract surgery by type, prior glaucoma surgery, pars plana vitrectomy, retinal detachment surgery, sarcoidosis, juvenile idiopathic arthritis, type of uveitis, age, race, hypertension, diabetes, duration of uveitis at baseline, anterior chamber cells and exudative detachment

§ Hyperlipidemia, smoking status, epiretinal membrane, macular edema, and retinal vascular sheathing are excluded from the table because they were never found to be significant at $p < 0.10$. Active lesions in choroid/retina, snowballs, snowbanking, Behçet's disease, choroidal neovascularization and retinal neovascularization are excluded from the table because people with these characteristics had fewer than 5 hypotony events