

**eTable 1. Conjunctival Melanoma: Outcomes based on the American Joint Committee on Cancer Clinical Classification (8<sup>th</sup> edition) of 425 tumors in 425 patients at a single ocular oncology center. Demographic features.**

Demographic Features	T1 (n= 266) [n (%)]	T2 (n= 75) [n (%)]	T3 (n= 84) [n (%)]	T4 (n= 0) [n (%)]	p-values	Total (N= 425) [N (%)]
Age (years)						
Mean (median, range)	62.2 (65.0, 8.3-95.3)	62.9 (66.2, 33.7-91.8)	64.2 (68.1, 4.6-92.6)	0 (0)	0.49	62.7 (66.0, 4.6-95.3)
Sex						
Male	140 (53)	35 (47)	41 (49)	0 (0)	0.61	216 (51)
Female	126 (47)	40 (53)	43 (51)	0 (0)		209 (49)
Race						
Caucasian	249 (94)	71 (95)	73 (87)	0 (0)	0.10	393 (93)
African American	7 (3)	1 (1)	5 (6)	0 (0)		13 (3)
Hispanic	5 (2)	0 (0)	4 (5)	0 (0)		9 (2)
Asian Indian	0 (0)	0 (0)	1 (1)	0 (0)		1 (<1)
Asian Oriental	4 (2)	1 (1)	1 (1)	0 (0)		6 (1)
Other/unknown	1 (<1)	2 (3)	0 (0)	0 (0)		3 (1)
Fitzpatrick skin classification	n=226	n=67	n=78	n=0		N=371
Type 1	48 (21)	15 (22)	15 (19)	0 (0)	0.08	78 (21)
Type 2	148 (66)	45 (67)	47 (60)	0 (0)		240 (65)
Type 3	24 (11)	5 (8)	9 (12)	0 (0)		38 (10)
Type 4	0 (0)	2 (3)	1 (1)	0 (0)		3 (1)
Type 5	5 (2)	0 (0)	6 (8)	0 (0)		11 (3)
Type 6	1 (<1)	0 (0)	0 (0)	0 (0)		1 (<1)
Involved eye						
Right	142 (53)	33 (44)	48 (57)	0 (0)	0.23	223 (53)
Left	124 (47)	42 (56)	36 (43)	0 (0)		202 (48)
Ocular history						
Conjunctival primary acquired melanosis	214 (81)	72 (96)	68 (81)	0 (0)	<b>0.01</b>	354 (83)
Conjunctival nevus	53 (20)	7 (9)	9 (11)	0 (0)	<b>0.03</b>	69 (16)
Conjunctival complexion associated melanosis	9 (3)	1 (1)	5 (6)	0 (0)	0.27	15 (4)
Melanocytosis	11 (4)	4 (5)	4 (5)	0 (0)	0.90	19 (5)
Conjunctival secondary acquired melanosis	0 (0)	0 (0)	0 (0)	0 (0)	NA	0 (0)
Prior conjunctival surgery	159 (60)	54 (72)	62 (74)	0 (0)	<b>0.02</b>	275 (65)
Number of prior conjunctival surgeries Mean (median, range)	1.6 (1.0, 1.0-12.0)	2.1 (1.0, 1.0-15.0)	2.4 (1.0, 1.0-16.0)	0 (0)	<b>0.03</b>	1.9 (1.0,1.0-16.0)
Prior eyelid surgery	4 (2)	7 (9)	15 (18)	0 (0)	<b>&lt;0.001</b>	26 (6)
Number of prior eyelid surgeries Mean (median, range)	1.8 (1.5, 1.0-3.0)	2.3 (1.0, 1.0-10.0)	2.0 (1.0, 1.0-12.0)	0 (0)	0.53	2.0 (1.0, 1.0-12.0)
Smoking history						
Smoker	46 (17)	18 (24)	18 (21)	0 (0)	0.37	82 (19)
Non-smoker	220 (83)	57 (76)	66 (79)	0 (0)		343 (81)

Bold values indicate statistical significance. NA = Not applicable