

Supplemental Digital Content 3 Subgroup analyses of chin retrusion responder rates on the GCRS by blinded evaluator at Week 12

Subgroup analyses			HARD [N=107] n (%)	No treatment [N=33] n (%)	Difference in responder rate ^a	p-value ^d
Fitzpatrick skin type						
I–III	At least 1-point improvement from baseline	51/64 (79.7%)	2/19 (10.5%)	69.2%	<0.001	
	95% CI	(67.77%, 88.72%) ^b	(1.30%, 33.14%) ^b	(48.79%, 89.53%) ^c		
IV	At least 1-point improvement from baseline	21/24 (87.5%)	0/8	87.5%	<0.001	
	95% CI	(67.64%, 97.34%) ^b	(0.00%, 36.94%) ^b	(65.94%, 100.00%) ^c		
V–VI	At least 1-point improvement from baseline	15/19 (78.9%)	0/6	78.9%	0.001	
	95% CI	(54.43%, 93.95%) ^b	(0.00%, 45.93%) ^b	(49.65%, 100.00%) ^c		
Race						
White	At least 1-point improvement from baseline	71/85 (83.5%)	2/22 (9.1%)	74.4%	<0.001	
	95% CI	(73.91%, 90.69%) ^b	(1.12%, 29.16%) ^b	(57.21%, 91.67%) ^c		
Black	At least 1-point improvement from baseline	9/12 (75.0%)	0/5	75.0%	0.009	
	95% CI	(42.81%, 94.51%) ^b	(0.00%, 52.18%) ^b	(36.33%, 100.00%) ^c		
Other	At least 1-point improvement from baseline	7/10 (70.0%)	0/6	70.0%	0.011	
	95% CI	(34.75%, 93.33%) ^b	(0.00%, 45.93%) ^b	(28.26%, 100.00%) ^c		
Ethnicity						
Hispanic	At least 1-point improvement from baseline	20/26 (76.9%)	0/5	76.9%	0.003	
	95% CI	(56.35%, 91.03%) ^b	(0.00%, 52.18%) ^b	(48.81%, 100.00%) ^c		
Non-Hispanic	At least 1-point improvement from baseline	67/81 (82.7%)	2/28 (7.1%)	75.6%	<0.001	
	95% CI	(72.70%, 90.22%) ^b	(0.88%, 23.50%) ^b	(60.57%, 90.58%) ^c		

Subgroup analyses			HA _{RD} [N=107] n (%)	No treatment [N=33] n (%)	Difference in responder rate ^a	p-value ^d
Age						
20-29 years	At least 1-point improvement from baseline		8/9 (88.9%)	1/8 (12.5%)	76.4%	0.003
	95% CI		(51.75, 99.72)	(0.32, 52.65)	(33.81, 100.00)	
30-50 years	At least 1-point improvement from baseline		37/45 (82.2%)	1/12 (8.3%)	73.9%	<0.001
	95% CI		(67.95, 92.00)	(0.21, 38.48)	(49.39, 98.38)	
>50 years	At least 1-point improvement from baseline		42/53 (79.2%)	0/13	79.2%	<0.001
	95% CI		(65.89, 89.16)	(0.00, 24.71)	(63.54, 94.95)	
Gender						
Female	At least 1-point improvement from baseline		77/95 (81.1%)	2/30 (6.7%)	74.4%	<0.001
	95% CI		(71.72, 88.37)	(0.82, 22.07)	(60.29, 88.49)	
Male	At least 1-point improvement from baseline		10/12 (83.3%)	0/3	83.3%	0.022
	95% CI		(51.59, 97.91)	(0.00, 70.76)	(41.41, 100.00)	

CI = confidence interval; n = number of subjects

^aDifference = HA_{RD} responder rate – No-treatment responder rate

^b95% CI for responder rate was calculated using the Clopper-Pearson method.

^c95% CI for the difference in responder rates is calculated using the Wald approximation with a continuity correction.

^dp-value is from Fisher's Exact test for responder rate. Missing data were imputed using the baseline observation carried forward method.