



Figure 1. Flowchart showing patient inclusion from randomization and ≥18months follow-up. (A total of 41/43* and 35/37^Δ patients in the hydroxyapatite and acrylic groups respectively withdrew from the study because of overt metastatic disease.)

Table 1a. Demographic and Response Rate of Patients from Mail Questionnaire

Characteristics	Hydroxyapatite (n=139)	Acrylic (n=142)	P value
Age (years)			
Mean	62	63	0.723
Median	63	65	
Min-max	29-89	16-93	
Gender (%)			
Male	84 (60.4)	81 (57.0)	0.564
Female	55 (39.6)	61 (43.0)	
Follow-up (months)			
Mean	34.0	35.3	0.694
Median	27.83	32.85	
Min-max	0.83-91.13	1.23-91.03	
Response rate from patients (%)			
0-<6 months	51 (36.7)	51 (36.0%)	0.705
≥6-<18 months	53 (38.1)	45 (31.7%)	
≥18 months	91 (65.5)	95 (66.9%)	

Table 1b. Demographic and Response Rate of Patients from Ocularists' Responses

Characteristics	Hydroxyapatite (n=88)	Acrylic (n=66)	P value
Age (years)			
Mean	62	65	0.15
Median	62	68	
Min-max	30-89	31-83	
Gender (%)			
Male	51 (58.0)	39 (59.1)	1.00
Female	37 (42.0)	27 (40.9)	
Response rate from ocularists (%)			
6 weeks	88 (100)	66 (100)	1.00
6 months	64 (72.7)	66 (100)	<0.001

Table 2. Patient-Reported Outcomes Measured by Mailed Questionnaires on Lid position, Ocular Motility, Patient Satisfaction and Complication

Outcome	< 6-Month			≥ 6-<18-Month			≥ 18-Month		
	HA	AC	P value*	HA	AC	P value*	HA	AC	P value*
Lid position									
Upper lid position (%)	n=50	n=51	0.061	n=52	n=44	0.541	n=86	n=93	0.647
Same position as fellow eye	13 (26.0)	23 (45.1)		20 (38.5)	20 (45.5)		34 (39.5)	32 (34.4)	
Lower lid position (%)	n=49	n=51	0.838	n=51	n=43	0.105	n=86	n=91	0.660
Same position as fellow eye	31 (63.3)	33 (64.7)		25 (49.0)	29 (67.4)		47 (54.7)	53 (58.2)	
Lids opening (%)	n=50	n=51	0.294	n=53	n=44	0.488	n=88	n=94	0.238
Fully	14 (28.0)	20 (39.2)		28 (52.8)	24 (54.5)		45 (51.1)	38 (40.4)	
Ocular motility									
With prosthesis (%)	n=42	n=41	0.551	n=52	n=43	0.931	n=87	n=87	0.517
None	2 (4.8)	1 (2.4)		2 (3.8)	1 (2.3)		6 (6.9)	10 (11.5)	
Some	25 (59.5)	29 (70.7)		31 (59.6)	25 (58.1)		48 (55.2)	42 (48.3)	
Good	15 (35.7)	11 (26.8)		19 (36.5)	17 (39.5)		33 (37.9)	35 (40.2)	
Patients' satisfaction									
Adjustment to removal of eye (%)	n=51	n=51	0.904	n=53	n=45	0.796	n=91	n=95	0.668
Bad	1 (2.0)	0 (0)		1 (1.9)	1 (2.2)		1 (1.1)	2 (2.1)	
Fair	17 (33.3)	16 (31.4)		14 (26.4)	10 (22.2)		14 (15.4)	11 (11.6)	
Good	20 (39.2)	23 (45.1)		16 (30.2)	18 (40.0)		23 (25.3)	30 (31.6)	
Very good	13 (25.5)	12 (23.5)		22 (41.5)	16 (35.6)		53 (58.2)	52 (54.7)	
Overall satisfaction (%)	n=47	n=48	0.859	n=47	n=43	0.225	n=86	n=89	0.600
Not at all	3 (6.4)	2 (6.3)		3 (6.4)	4 (9.3)		2 (2.3)	6 (6.7)	
Reasonable	9 (19.1)	9 (18.8)		9 (19.1)	8 (18.6)		11 (12.8)	12 (13.5)	
Pleased	28 (59.6)	27 (58.3)		20 (42.6)	10 (23.3)		36 (41.9)	36 (40.4)	
Looks like fellow eye	7 (14.9)	10 (14.6)		15 (31.9)	21 (48.8)		37 (43.0)	35 (39.3)	
Complicationⁿ									
Socket discomfort (%)	23 (45.1)	22 (43.1)	1	29 (54.7)	23 (51.1)	0.839	47 (51.6)	47 (49.5)	0.772
Conjunctival discharge (%)	46 (93.9)	40 (78.4)	0.172	42 (80.8)	37 (82.2)	0.801	66 (76.7)	78 (82.1)	0.160

Infection (%)	2 (4.3)	4 (8.5)	0.678	4 (9.1)	8 (21.6)	0.215	20 (27.4)	21 (26.9)	1
Extrusion of implant (%)	1 (2.1)	0 (0)	1	0 (0)	1 (3.0)	0.459	1 (1.4)	3 (4.1)	0.621
Inability to wear prosthesis (%)	1 (2.3)	1 (2.6)	1	1 (2.3)	2 (5.7)	0.592	2 (2.7)	5 (6.4)	0.445
Enophthalmos (%)	10 (22.7)	5 (11.4)	0.263	9 (20.5)	11 (28.9)	0.453	20 (26.3)	20 (26.0)	1
Upper eyelid sulcus (%)	10 (22.7)	8 (17.8)	0.796	15 (34.9)	8 (23.5)	0.242	18 (24.0)	18 (24.0)	1
Further Surgery									
Correct lid position (%)	1 (2.0)	0 (0)	1	2 (3.9)	1 (2.3)	1.0	7 (8.0)	5 (5.3)	0.561
Reposition implant (%)	0 (0)	0 (0)	1	0 (0)	1 (2.2)	0.459	0 (0)	3 (3.4)	0.246

HA=hydroxyapatite; AC=acrylic; *Fisher's Exact test; ⁿ total number in supplementary table 2

Outcome	6 Weeks			6 Months		
	HA	AC	P value*	HA	AC	P value*
Adjustment to removal of eye (%)	n=88	n=66	0.708	n=64	n=66	0.672
Bad	3 (3.4)	2 (3.0)		0 (0)	2 (3.0)	
Fair	19 (21.6)	12 (18.2)		6 (9.4)	8 (12.1)	
Good	50(56.8)	35 (53.0)		35 (54.7)	34 (51.5)	
Very good	16 (18.2)	17 (25.8)		23 (35.9)	22 (33.3)	
Ocular motility						
With prosthesis (%)	n=83	n=66	0.017 ^Δ	n=63	n=64	0.830
None	6 (7.2)	4 (6.1)		2(3.2)	4 (6.2)	
Some	42 (50.6)	48 (72.7)	0.007	28 (44.4)	28 (43.8)	
Good	35 (42.2)	14 (21.2)	0.007	33 (52.4)	32 (50.0)	
Complication [∞]						
Socket discomfort (%)	11(12.6)	8 (12.1)	1	7 (11.1)	15 (23.1)	0.101
Conjunctival discharge (%)	60 (73.2)	53 (81.5)	0.267	36 (60.0)	48 (73.8)	0.066

HA=hydroxyapatite; AC=acrylic; *Fisher's exact test; ^Δ OR 2.50 (95% CI: 1.196-5.228); [∞] total number in supplementary table 3a

Table 3b. Ocularists-Reported Outcomes on Patients' Lid Position, Ocular Motility, Complication and Need for Further Surgery

[illegible]

Table 4a. Agreement in Prosthesis Motility with Hydroxyapatite Implant Between Patients and Ocularists.

Hydroxyapatite		6 weeks*			6 months^		
Ocularists Patients		No movement	Some movement	Good movement	No movement	Some movement	Good movement
	No movement	5	1	0	2	2	0
	Some movement	4	32	2	0	22	5
	Good movement	0	10	23	0	7	25

*Kappa =0.62, p<0.001; ^Kappa = 0.59, p<0.001

Table 4b. Agreement in Prosthesis Motility with Acrylic Implant Between Patients and Ocularists.

Acrylic		6 weeks*			6 months^		
Patients \ Ocularists		No movement	Some movement	Good movement	No movement	Some movement	Good movement
	No movement	1	3	0	2	2	0
	Some movement	2	38	2	0	22	5
	Good movement	0	3	11	0	7	25

*Kappa =0.61, p<0.001; ^Kappa = 0.59, p<0.001

Supplementary Tables

Suppl Table 1a. Patients' Mailed Questionnaire on Lid Position, Ocular Motility, Satisfaction and Complication Following Enucleation

Lid position					
Q1a	Upper lid position	Lower than fellow eye and not acceptable	Lower than fellow eye but acceptable	Higher than fellow eye	Same position as my fellow eye
Q1b	Lower lid position	Sagging and unacceptable	Lower than fellow eye but acceptable	Higher than fellow eye	Same position as my fellow eye
Q1c	How much are the lids opening?	Not at all	A little	Quite well	Fully
Ocular Motility					
Q2	How well do you think the implant moves with prosthesis?	No movement	Some movement	Good movement	
Patient satisfaction					
Q3	How have you adjusted to the removal of your eye?	Bad	Fair	Good	Very good
Q4	Are you satisfied with the overall cosmetic results?	Not at all	Reasonable	Pleased	Looks like fellow eye
Complication					
Q5	Is the socket comfortable?	Not at all	Occasionally comfortable	Comfortable most time	Comfortable at all times
Q6	How much stickiness/discharge is present?	Constant stickiness	Most of the day	Mornings only	None
Q7	Have any other problems occurred? a) Infection b) Rejection of implant c) Inability to wear prosthesis d) Sunken eye e) Groove in the upper lid	Severe	Moderate	Mild	None
Further Surgery					
Q8a	Have you had any surgical procedures to correct lid position? Yes/ No				
Q8b	Did you have any surgical procedures to reposition the implant? Yes/ No				

Suppl Table 1b. Patients' Questionnaire Elicited by Ocularists at Follow-Ups

Adjustment to Removal of Eye					
Q1	How have you adjusted physically and mentally to the removal of your eye?	Bad	Fair	Good	Very good
Ocular Motility					
Q2	How well do you think the implant moves with prosthesis?	No movement	Some movement	Good movement	
Complication					
Q3a	Is the socket comfortable?	Yes/No			
Q3b	If no, how much discomfort are you experiencing?	Mild	Moderate	Severe	
Q4	How much stickiness/discharge present?	None	Mornings only	Most of the day	Constant

Suppl Table 1c. Ocularists' Questionnaire

Lid position					
Q1	How much are the lids opening?	Not at all	A little	Quite well	Fully
Ocular Motility					
Q2	How well do you think the implant moves with prosthesis?	No movement	Some movement	Good movement	
Complication					
Q3	Have any other problems occurred?	Severe	Moderate	Mild	None
	a) Infection				
	b) Exposure/ extrusion of implant				
	c) Migration of implant				
	d) Ptosis				
	e) Sagging of lower lid				
	f) Inability to wear prosthesis				
	g) Enophthalmos				
Further Treatment					
Q4	Have the patient needed any further treatment or intervention?			Yes/ No	

Suppl Table 2. Patient-Reported Outcomes Measured by Mailed Questionnaires on Lid Position, Ocular Motility, Patient Satisfaction and Complication

Outcome	HA	< 6-Month AC	P value*	HA	≥ 6-<18-Month AC	P value*	HA	≥ 18-Month AC	P value*
Lid position									
Upper lid position (%)	n=50	n=51	0.061	n=52	n=44	0.541	n=86	n=93	0.647
Sagging and unacceptable	6 (12.0)	8 (15.7)		5 (9.6)	7 (15.9)		3 (3.5)	8 (8.6)	
Lower than fellow eye but acceptable	28 (56.0)	18 (35.3)		21 (40.4)	15 (34.1)		38 (44.2)	49 (52.7)	
Higher than fellow eye	3 (6.0)	2 (3.9)		6 (11.5)	2 (4.5)		11 (12.8)	4 (4.3)	
Same position	13 (26.0)	23 (45.1)		20 (38.5)	20 (45.5)		34 (39.5)	32 (34.4)	
Lower lid position (%)	n=49	n=51	0.838	n=51	n=43	0.105	n=86	n=91	0.660
Sagging and unacceptable	2 (4.1)	2 (3.9)		6 (11.8)	2 (4.7)		3 (3.5)	6 (6.6)	
Lower than fellow eye but acceptable	14 (28.6)	14 (27.5)		20 (39.2)	12 (27.9)		33 (38.4)	31 (34.1)	
Higher than fellow eye	2 (4.1)	2 (3.9)		0 (0)	0 (0)		3 (3.5)	1 (1.1)	
Same position	31 (63.3)	33 (64.7)		25 (49.0)	29 (67.4)		47 (54.7)	53 (58.2)	
Lids opening (%)	n=50	n=51	0.294	n=53	n=44	0.488	n=88	n=94	0.238
Not at all	0 (0)	0 (0)		0 (0)	0 (0)		1 (1.1)	0 (0)	
A little	5 (10.0)	4 (7.8)		2 (3.8)	4 (9.1)		6 (6.8)	6 (6.4)	
Quite well	31 (62.8)	27 (52.9)		23 (43.4)	16 (36.4)		36 (40.9)	50 (53.2)	
Fully	14 (28.0)	20 (39.2)		28 (52.8)	24 (54.5)		45 (51.1)	38 (40.4)	
Ocular Motility									
With prosthesis (%)	n=42	n=41	0.551	n=52	n=43	0.931	n=87	n=87	0.517
None	2 (4.8)	1 (2.4)		2 (3.8)	1 (2.3)		6 (6.9)	10 (11.5)	
Some	25 (59.5)	29 (70.7)		31 (59.6)	25 (58.1)		48 (55.2)	42 (48.3)	
Good	15 (35.7)	11 (26.8)		19 (36.5)	17 (39.5)		33 (37.9)	35 (40.2)	
Patient satisfaction									
Adjustment to removal of eye (%)	n=51	n=51	0.904	n=53	n=45	0.796	n=91	n=95	0.668

Bad	1 (2.0)	0 (0)		1 (1.9)	1 (2.2)		1 (1.1)	2 (2.1)	
Fair	17 (33.3)	16 (31.4)		14 (26.4)	10 (22.2)		14 (15.4)	11 (11.6)	
Good	20 (39.2)	23 (45.1)		16 (30.2)	18 (40.0)		23 (25.3)	30 (31.6)	
Very good	13 (25.5)	12 (23.5)		22 (41.5)	16 (35.6)		53 (58.2)	52 (54.7)	
Overall satisfaction (%)	n=47	n=48	0.859	n=47	n=43	0.225	n=86	n=89	0.600
Not at all	3 (6.4)	2 (6.3)		3 (6.4)	4 (9.3)		2 (2.3)	6 (6.7)	
Reasonable	9 (19.1)	9 (18.8)		9 (19.1)	8 (18.6)		11 (12.8)	12 (13.5)	
Pleased	28 (59.6)	27 (58.3)		20 (42.6)	10 (23.3)		36 (41.9)	36 (40.4)	
Looks like fellow eye	7 (14.9)	10 (14.6)		15 (31.9)	21 (48.8)		37 (43.0)	35 (39.3)	
Complication									
Socket comfort (%)	n=51	n=51	1	n=53	n=45	0.839	n=91	n=95	0.772
Not at all	0 (0)	0 (0)		2 (3.8)	0 (0)		1 (1.1)	1 (1.1)	
Occasionally	3 (5.9)	0 (0)		4 (7.5)	2 (4.4)		4 (4.4)	4 (4.2)	
Most time	20 (39.2)	22 (43.1)		23 (43.4)	21 (46.7)		42 (46.2)	42 (44.2)	
All the time	28 (54.9)	29 (56.9)		24 (45.3)	22 (48.9)		44 (48.4)	48 (50.5)	
Conjunctival discharge (%)	n=49	n=51	0.172	n=52	n=45	0.801	n=86	n=95	0.160
Constant	2 (4.1)	1 (2.0)		2 (3.8)	3 (6.7)		4 (4.7)	5 (5.3)	
Most time	7 (14.3)	10 (19.6)		13 (25.0)	8 (17.8)		18 (20.9)	21 (22.1)	
AM only	37 (75.5)	29 (56.9)		27 (51.9)	26 (57.8)		44 (51.2)	52 (54.7)	
None	3 (6.1)	11 (21.6)		10 (19.2)	8 (17.8)		20 (23.3)	17 (17.9)	
Infection (%)	n=47	n=47	0.678	n=44	n=37	0.215	n=73	n=78	1
Severe	1 (2.1)	1 (2.1)		1 (2.3)	1 (2.7)		0 (0)	2 (2.6)	
Moderate	1 (2.1)	0 (0)		2 (4.5)	3 (8.1)		5 (6.8)	8 (10.3)	
Mild	0 (0)	3 (6.4)		1 (2.3)	4 (10.8)		15 (20.5)	11 (14.1)	
None	45 (95.7)	43 (91.5)		40 (90.9)	29 (78.4)		53 (72.6)	57 (73.1)	
Extrusion of implant (%)	n=47	n=46	1	n=43	n=33	0.459	n=73	n=74	0.621
Severe	0 (0)	0 (0)		0 (0)	0 (0)		0 (0)	1 (1.4)	
Moderate	1 (2.1)	0 (0)		0 (0)	0 (0)		1 (1.4)	1 (1.4)	
Mild	0 (0)	0 (0)		0 (0)	1 (3.0)		0 (0)	1 (1.4)	
None	46 (97.9)	46 (100)		43 (100)	32 (97.0)		72 (98.6)	71 (95.9)	
Inability to wear prosthesis (%)	n=43	n=39	1	n=44	n=35	0.592	n=73	n=78	1
Severe	1 (2.3)	0 (0)		0 (0)	0 (0)		1 (1.4)	2 (2.6)	
Moderate	0 (0)	0 (0)		1 (2.3)	1 (2.9)		1 (1.4)	1 (2.6)	
Mild	0 (0)	1 (2.6)		0 (0)	1 (2.9)		0 (0)	2 (2.1)	
None	42 (97.7)	38 (97.4)		43 (97.7)	33 (94.3)		71 (97.3)	73 (93.6)	

Enophthalmos (%)	n=44	n=44	0.263	n=44	n=38	0.453	n=76	n=77	1
Severe	1 (2.3)	0 (0)		1 (2.3)	1 (2.6)		2 (2.6)	1 (1.3)	
Moderate	5 (11.4)	0 (0)		4 (9.1)	3 (7.9)		6 (7.9)	7 (9.1)	
Mild	4 (9.1)	5 (11.4)		4 (9.1)	7 (18.4)		12 (15.8)	12 (15.6)	
None	34 (77.3)	39 (88.6)		35 (79.5)	27 (71.1)		56 (73.7)	57 (74.0)	
Upper eyelid sulcus (%)	n=44	n=45	0.796	n=43	n=34	0.242	n=75	n=75	1
Severe	1 (2.3)	0 (0)		1 (2.3)	0 (0)		1 (1.3)	2 (2.7)	
Moderate	3 (6.8)	2 (4.4)		8 (18.6)	1 (2.9)		5 (6.7)	6 (8.0)	
Mild	6 (13.6)	6 (13.3)		6 (14.0)	7 (20.6)		12 (16.0)	10 (13.3)	
None	34 (77.3)	37 (82.2)		28 (65.1)	26 (76.5)		57 (76.0)	57 (76.0)	
Further Surgery									
Correct lid position (%)	n=50	n=51	1	n=51	n=43	1.0	n=87	n=94	0.561
Yes	1 (2.0)	0 (0)		2 (3.9)	1 (2.3)		7 (8.0)	5 (5.3)	
No	49 (98.0)	51 (100)		49 (96.1)	42 (97.7)		80 (92.0)	89 (94.7)	
Reposition implant (%)	n=51	n=51	1	n=53	n=45	0.459	n=88	n=88	0.246
Yes	0 (0)	0 (0)		0 (0)	1 (2.2)		0 (0)	3 (3.4)	
No	51 (100)	51 (100)		53 (100)	44 (97.8)		88 (100)	85 (96.6)	

Suppl Table 3a. Patient-Reported Outcomes Elicited by Ocularists on Adjustment to Removal of Eye, Ocular Motility and Complication

Outcome	HA	6 Weeks AC	P value*	HA	6 Months AC	P value*
Adjustment to removal of eye (%)	n=88	n=66	0.708	n=64	n=66	0.672
Bad	3 (3.4)	2 (3.0)		0 (0)	2 (3.0)	
Fair	19 (21.6)	12 (18.2)		6 (9.4)	8 (12.1)	
Good	50(56.8)	35 (53.0)		35 (54.7)	34 (51.5)	
Very good	16 (18.2)	17 (25.8)		23 (35.9)	22 (33.3)	
Ocular Motility						
With prosthesis (%)	n=83	n=66	0.017 ^Δ	n=63	n=64	0.830
None	6 (7.2)	4 (6.1)		2(3.2)	4 (6.2)	
Some	42 (50.6)	48 (72.7)	0.007	28 (44.4)	28 (43.8)	
Good	35 (42.2)	14 (21.2)	0.007	33 (52.4)	32 (50.0)	
Complication						
Socket comfort (%)	n=87	n=66	1	n=63	n=65	0.101
Yes	76 (87.4)	58 (87.9)		56 (88.9)	50 (76.9)	
No	11(12.6)	8 (12.1)		7 (11.1)	15 (23.1)	
Socket discomfort experienced (%)	n=28	n=22	0.565	n=17	n=20	1
Severe	2 (7.1)	0 (0)		1 (5.9)	2 (10.0)	
Moderate	6 (21.4)	4 (18.2)		4 (23.5)	5 (25.0)	
Mild	20 (71.4)	18 (81.8)		12 (70.6)	13 (65.0)	
Conjunctival discharge (%)	n=82	n=65	0.267	n=60	n=65	0.066
Constant	1 (1.2)	4 (6.2)		2 (3.3)	1 (1.5)	
Most time	14 (17.1)	9 (13.8)		6 (10.0)	6 (9.2)	
AM only	45 (54.9)	40 (61.5)		28 (46.7)	41 (63.1)	
None	22 (26.8)	12 (18.5)		24 (40.0)	17 (26.2)	

HA=hydroxyapatite; AC=acrylic; *Fisher's exact test; ^ΔOR 2.50 (95% CI: 1.196-5.228)

Suppl Table 3b. Ocularists-Reported Outcomes on Patients' Lid Position, Ocular Motility, Complication of Implant and Need for Further Surgery

	6 Weeks			6 Months		
	HA	AC	<i>P value*</i>	HA	AC	<i>P value*</i>
Lid position						
Lid opening (%)	n=82	n=63	0.251	n=62	n=65	0.101
Not at all	4 (4.9)	0 (0)		0 (0)	1 (1.5)	
Little	14 (17.1)	5 (7.9)		3 (4.8)	3 (4.6)	
Quite well	29 (35.4)	25 (39.7)		13 (21.0)	23 (35.4)	
Fully	35 (42.7)	33 (52.4)		46 (74.2)	38 (58.5)	
N/A	6 (7.3)	3 (4.8)		2 (3.2)	1 (1.5)	
Ocular Motility						
With prosthesis (%)	n=80	n=60	0.059	n=62	n=65	0.953
None	9 (10.2)	3 (5.0)		2 (3.2)	3 (4.6)	
Some	43 (48.9)	44 (73.3)		29 (46.8)	32 (49.2)	
Good	28 (31.8)	13 (21.7)		31 (50.0)	30 (46.2)	
Complication						
Infection (%)	n=82	n=62	0.211	n=62	n=64	0.827
Severe	0 (0)	0 (0)		1 (1.6)	0 (0)	
Moderate	2 (2.4)	0 (0)		2 (3.2)	1 (1.6)	
Mild	18 (22.0)	9 (14.8)		9 (14.5)	13 (20.3)	
None	62 (75.6)	53 (86.9)		50 (80.6)	50 (78.1)	
Exposure/extrusion of implant (%)	n=82	n=61	1.0	n=62	n=64	0.492
Severe	0 (0)	0 (0)		0 (0)	0 (0)	
Moderate	0 (0)	0 (0)		1 (1.6)	0 (0)	
Mild	82 (100)	61 (100)		61 (98.4)	64 (100)	
None						
Migration of implant (%)	n=82	n=60	0.139	n=61	n=63	1.0
Severe	1 (1.22)	0 (0)		0 (0)	0 (0)	
Moderate	0 (0)	0 (0)		0 (0)	0 (0)	
Mild	1 (1.22)	5 (8.3)		2 (3.3)	2 (3.2)	
None	80 (97.6)	55 (91.7)		59 (96.7)	61 (96.8)	
Ptosis (%)	n=65	n=57	0.280	n=53	n=61	0.031 [^]
Severe	2 (3.1)	3 (5.3)		0 (0)	3 (4.9)	
Moderate	1 (1.5)	1 (1.8)		0 (0)	2 (3.3)	
Mild	18 (27.7)	17 (29.8)		13 (24.5)	23 (37.7)	
None	44 (67.7)	36 (63.2)		40 (75.5)	33 (54.1)	0.018
Sagging of lower eyelid (%)	n=81	n=60	0.257	n=62	n=63	0.363
Severe	1 (1.1)	2 (3.3)		2 (3.2)	1 (1.6)	
Moderate	1 (1.2)	6 (10.0)		2 (3.2)	5 (7.9)	
Mild	16 (19.8)	11 (18.3)		16 (25.8)	20 (31.7)	
None	63 (77.8)	41 (68.3)		42 (67.7)	37 (58.7)	
Inability to wear prosthesis (%)	n=79	n=61	1	n=61	n=64	1.0
Severe	0 (0)	1 (1.6)		0 (0)	0 (0)	
Moderate	1 (1.3)	0 (0)		0 (0)	0 (0)	
Mild	1 (1.3)	0 (0)		2 (3.3)	2 (3.1)	
None	77 (97.5)	60 (98.4)		59 (96.7)	62 (96.9)	
Enophthalmos (%)	n=79	n=58	0.833	n=59	n=64	1.0
Severe	0 (0)	0 (0)		0 (0)	1 (1.6)	
Moderate	3 (3.8)	4 (6.9)		1 (1.7)	3 (4.7)	
Mild	14 (17.7)	7 (12.1)		9 (15.3)	7 (10.9)	
None	62 (78.5)	47 (81.0)		49 (83.1)	53 (82.8)	

Further surgery (%)	n=66	n=57	0.221	n=52	n=57	0.030 ^Δ
Yes	14 (21.2)	16 (28.1)		26 (50.0)	16 (28.1)	
No	52 (78.8)	41 (71.9)		26 (50.0)	41 (71.9)	

HA=hydroxyapatite; AC=acrylic; *Fisher's exact test; [∞]OR 2.27 (95% CI: 1.04-5.12); [^]OR 2.58 (95% CI: 1.09-6.37); ^ΔOR 2.54 (95% CI: 1.08-6.13)
