BIO-EC

STUDY TEMPLATE



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BrighTex Bio-Photonics ABSTRACT

The purpose of this study is to evaluate the global anti-aging activity between two products (975 vs. 618) with the equipment of BIO-EC laboratory and BrighTex Bio Photonics Research3D Clarity on a group of volunteers. The Products 975 and 618 are recommended to the group of volunteers to apply on the hemi-face from Day 1 to Day 56 with product randomization mechanism. Measurements are taken at Day 0 before using the products and after using the products at different time points i.e., Day 14, Day 28 and Day 56 to determine the efficiency of the products. Various skin feature measurements are recorded and it was observed that there is a positive change in multiple features that ranges from minimum 0.3% to maximum 46.8%.

It was concluded that out of 2 products there is a positive visible impact on the skin with Product 975 in comparison to Product 618 on various skin features.



Section 1: OBJECTIVE

A split face study is conducted to assess the products impact on skin. The primary objective is to evaluate the global anti-aging activity of the Product vs. Placebo (normal cream) with the equipment of BIO-EC laboratory and BrighTex Bio-Photonics Research 3D Clarity device (Mini3D)

Section 2: STUDYDESIGN

Candidates for study participation will be identified from the BIO-EC Laboratory. This study will include approximately 20 female subjects aged above 50 years who meet all of the inclusion criteria and none of the exclusion criteria. Eligible subjects will be selected to participate in the study. Clarity Research 3D System digital photography will be taken 4 times i.e., on Day 0, Day 7, Day 28 and Day 56.

	Procedure	Day 0	Day 7	Day 28	Day 56
	Check out of the criteria of inclusion and non-inclusion	\checkmark			
	Check out of the well understanding of the study	\checkmark			
	Signing of the Consent by the volunteers	\checkmark			
	OPTION: Dermatological exam	cs √	\checkmark	\checkmark	\checkmark
	OPTION Handed the questionnaire	\checkmark			
	Biometrical measures on each hemi face : AEVA (fringes projection)		Rri	hTex B	10-211
	Cutometer Corneometry	V	V 010	V	√
	Goniospectrocolorimeter				
	Face photography by VISIA Clarity				
	Products to test is given to the volunteers	\checkmark			
r	OPTION: Return of questionnaire and product	CS			\checkmark
	Indemnisation				✓ Pho

The panellist has to apply the products on each hemi-face twice daily on face from Day 0 to Day 56 without fail.

BrighTex Bio-Photonics Area of application: Face. Half face with active vs. placebo on the other half

Area of measurements: Hemi-Face (cheek, wrinkles of crow's feet)

Using BTBP Artificial Intelligence algorithms, anti-aging features (wrinkles, spots, redness) are detected and measured.

Section 3: STUDY POPULATION

Each study's protocol has guidelines for who can or cannot (inclusion and exclusion criteria) participate in the study. These guidelines, called eligibility criteria, describe characteristics that must be shared by all volunteers as part of the informed consent. The criteria differ from study to study. They may include age, gender, medical history, and current health status.

A total of 25 subjects will be enrolled, in an attempt to complete the study with 20 subjects. Subjects will be recruited from the BIO-EC panellist database. Interested candidates will report to the testing facility for screening and subjects who meet all of the inclusion criteria and none of the exclusion criteria will be enrolled.

INCLUSION CRITERIA:

A subject may be eligible for enrolment if all of the following criteria are met:

- Females Persons aged over 50 years old.
- Caucasian with wrinkles, Spots, Redness •
- BrighTex Bio-Photo The volunteers should commit themselves to use the products in conformity with • recommendations.

EXCLUSION CRITERIA:

- Pregnancy or breastfeeding
- Persons having dermatological problems
- Persons following a medical treatment susceptible of interfering on the measured parameters. •

Section 4: STUDY EVALUATIONS

Day 0: Captures are taken using Clarity Research Application. Products to test is given to the volunteers and asked to apply the products twice a day on hemi-face from Day 0 to Day 56.

Day 14: Volunteers visit and captures are taken using Clarity Research Application.

Day 28: Volunteers visit and Captures are taken using Clarity Research Application.

Day 56: Volunteers visit and Captures are taken using Clarity Research Application.

These captures are processed by BTBP Clarity Research Software to measure both 2D & 3D skin features for each hemi face zones separately

 Based on each feature measurement % change from Day 0 to Day 56, the global anti-aging activity product is evaluated

Section 5: STUDY EVALUATIONS

CLARITY RESEARCH 3D SYSTEM

The Clarity Research Mini 3D System features the latest technology in 2D and 3D skin modelling, with 25 megapixels and SLR image capture in 16-bit. The Automated image recognition includes artificial intelligence for facial and skin area recognition, high precision facial detection, automation for facial zoning and zoning by area of interest, and data tracking by region of interest. The system automatically detects over 50 facial regions for use in analysis, including detection of the face region.

SKIN FEATURE TOBE STUDIED

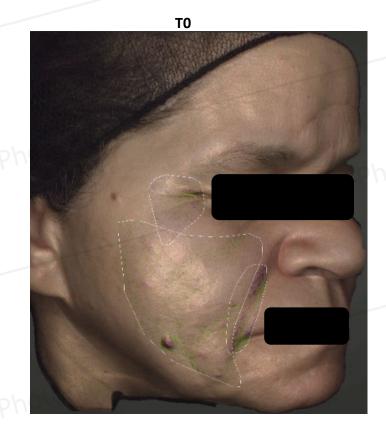
1. Texture3D

Texture represents the measurement of the roughness or smoothness on the skin. It considers all the features causing skin variation such as acne, pigmentation, redness, subsurface pigmentation, wrinkles and enlarged pores.

Measured Parameters: Maximum Peak Height

Maximum Peak Height: Decrease in highest peak (bump/height) in the ROI

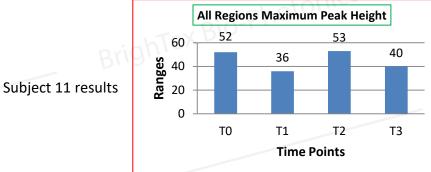
Right Profile, Product: 618



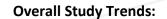
TI BrighTex Bio-Photo

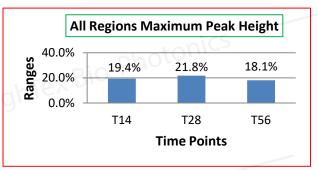






BrighTex Bio-Photo





Improvements Observed: Decrease in Maximum Peak Height from visit 1 to visit 4

BrighTex Bio-Photonics **Texture 3D Test Results and Statistical Summary**

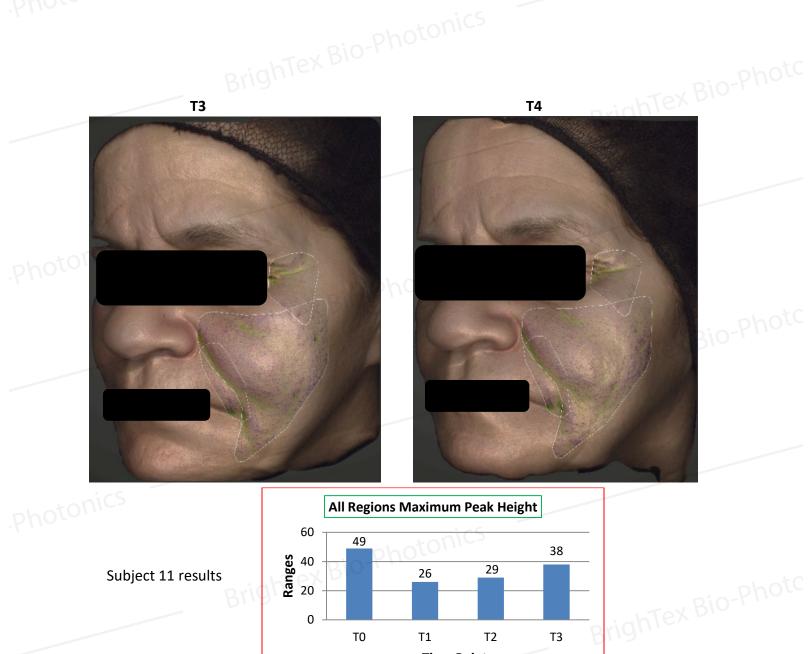
exture 3D T	est Results an		Summary	BrighTex B	10 .
		Clarity [™] N	/lini3D System-Texture 3D		
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
		Day 7	abotonics	75.0%	
Maximum Peak Height	Product 618	Day 28	6	50.0%	o-Phot
	Bud	Day 56	10	83.3%	10-9110

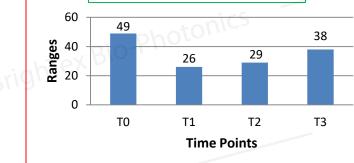
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T1

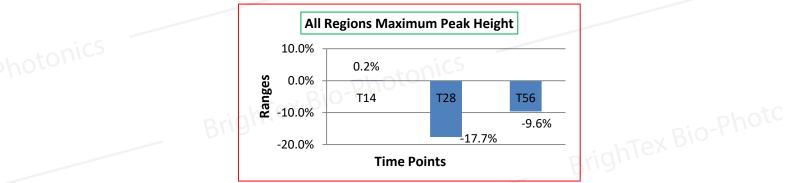


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Overall Study Trends:

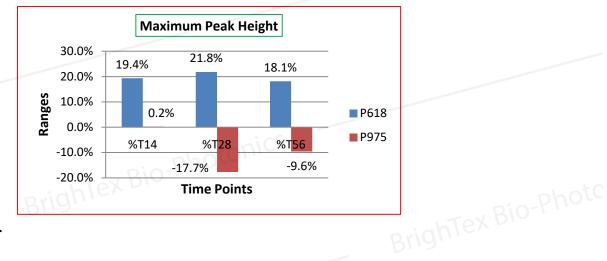


Improvements Observed: Decrease in Maximum Peak Height from visit 1 to visit 4

BrighTex Bio-Photonics **Texture 3D Test Results and Statistical Summary**

exture 3D 1	Test Results an		ical Summary	BrighTex Bio-	
		Clari	ty™ Mini3D System-Texture 3D		
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
		Day 7	7 nics	58.3%	
Maximum Peak Height	Product 975	Product 975 Day 28	Bio-Photo	58.3%	-
	Brig	Day 56	7	58.3%	

Overall Comparison Trends:



2. Skin Color

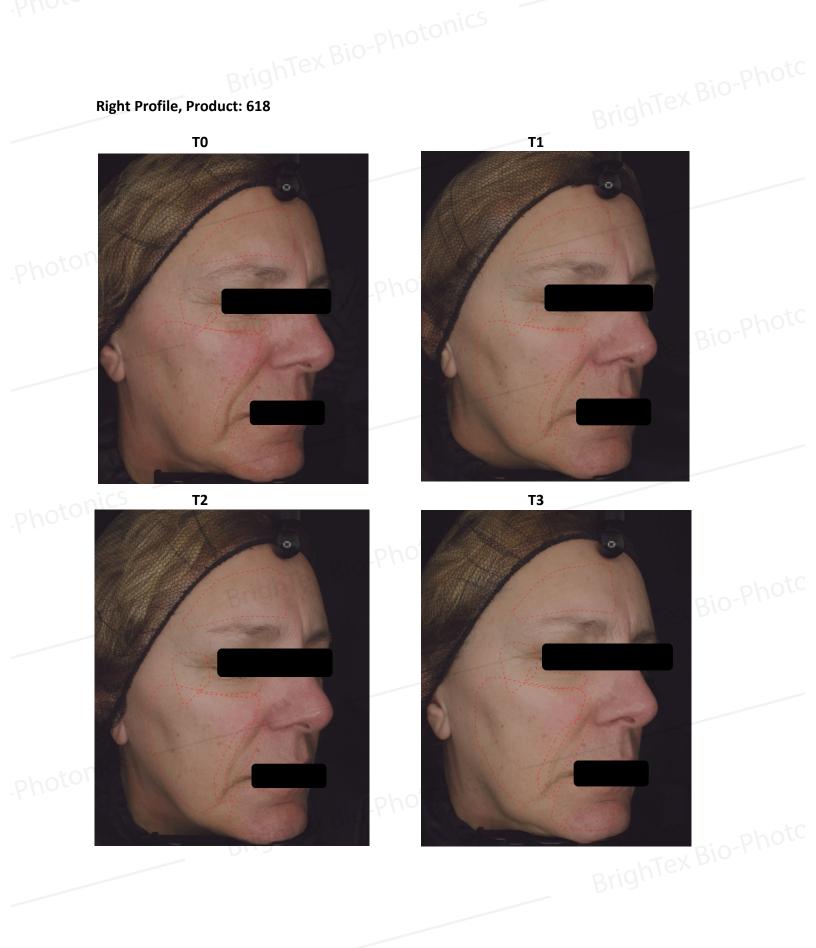
Human Skin type varies by region and ethnicity. The variance in skin color is primarily due to a pigment known as melanin present underneath the skin layers. Skin color generally ranges from a very dark brown to a near yellowish pink. Darker skin colors are due to the presence of melanin whereas lighter skin colors appear yellowish pink due to the presence of red blood vessels under the skin.

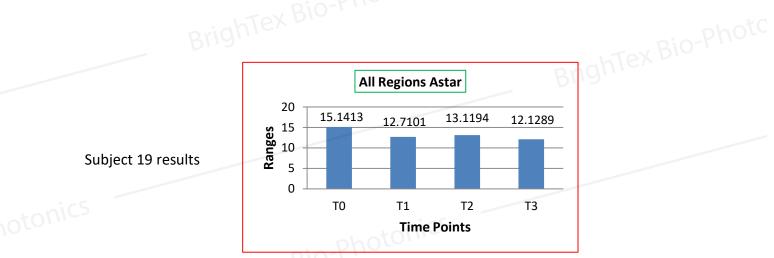
Measured Parameter: Lstar, Astar

Astar: Decrease in redness

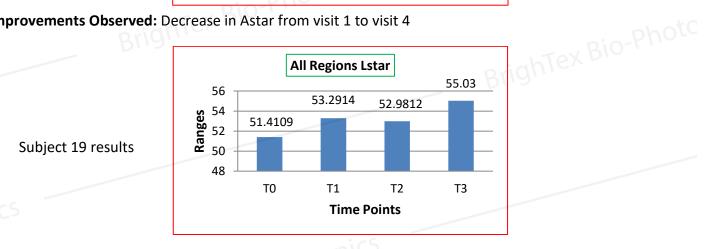
Lstar: As L* increases the brightness in Skin color is increasing.

The lightness value, L^* , represents the darkest black at $L^*= 0$, and the brightest white at $L^* = 100$.

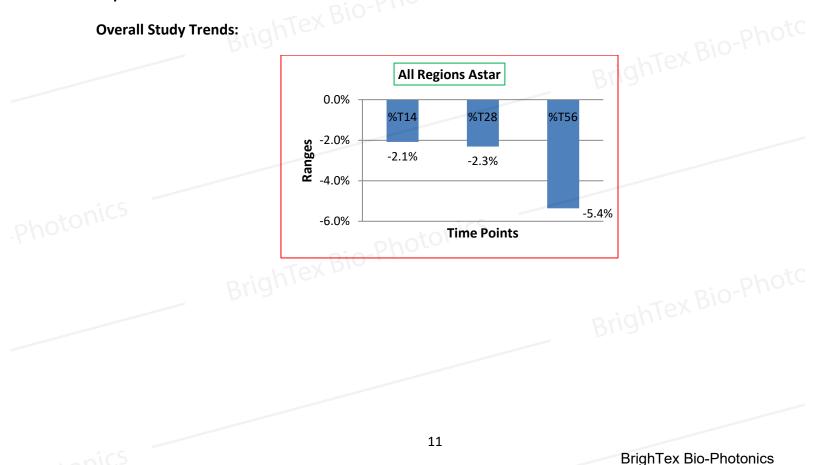




Improvements Observed: Decrease in Astar from visit 1 to visit 4

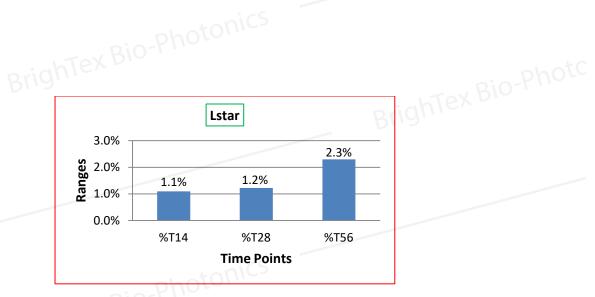


Improvements Observed: Increase in Lstar from visit 1 to visit 4



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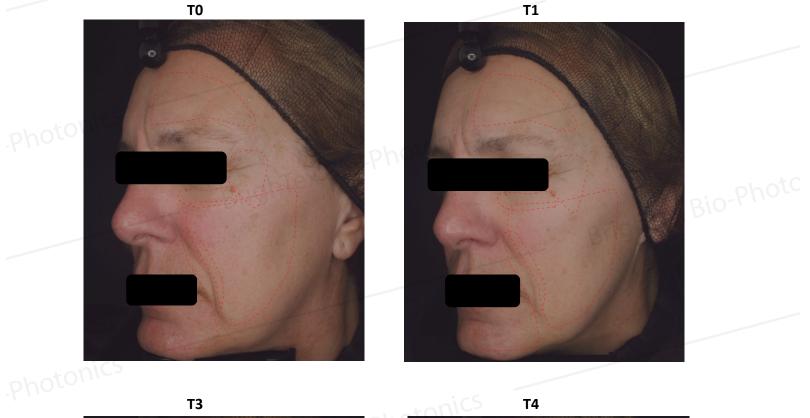




Skin Color Test Results and Statistical Summary

Clarity™ Mini3D System-Skin Color						
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement		
		Day 7	9	75.0%		
Lstar	Product 618	Day 28	9	75.0%		
		Day 56	12	100.0%		
	Rr	Day 7	7	58.3 %		
Astar	Product	Day 28	9	75.0 %		
	975	Day 56	12	100.0 %		



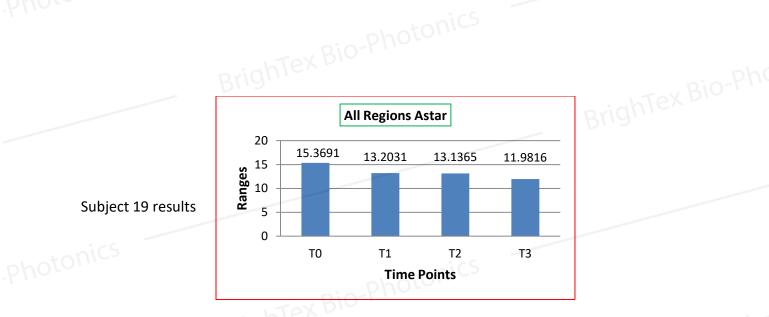




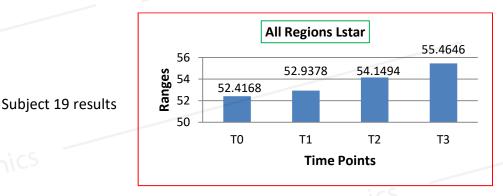
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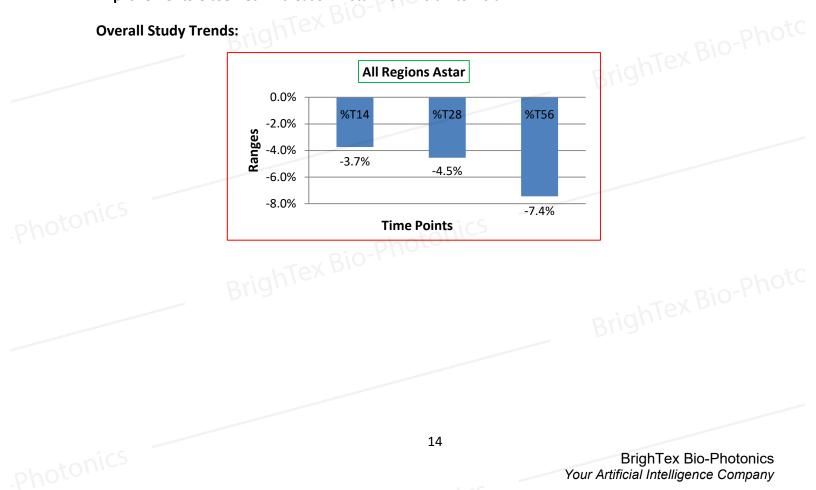




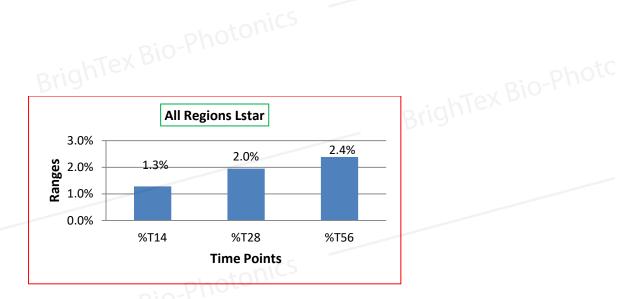
Improvements Observed: Decrease in Astar from visit 1 to visit 4



Improvements Observed: Increase in Lstar from visit 1 to visit 4

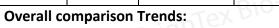






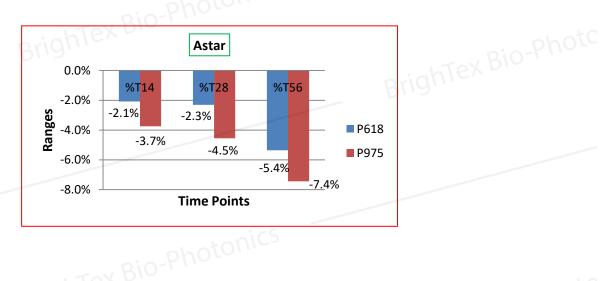
Skin Color Test Results and Statistical Summary

		Clarity	r™ Mini3D System-Skin Color	BrighTex B
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement
		Day 7	9	75.0%
Lstar	Product 975	Day 28	11	91.7%
		Day 56	12	100.0%
Overall c	omparison T	rends:	BIO	
		0119	Lstar	BrighTex Bio-
		3.0%	2.4%	- BUAL









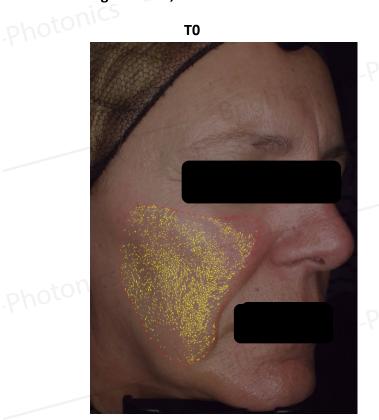
Photonics 3. Pores

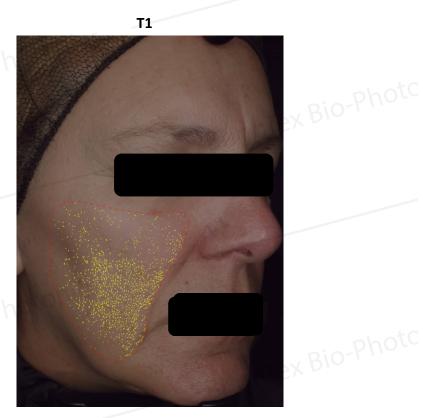
Pores are the tiny holes on the skin that shed or secrete the sebum (oil) produced by the sebaceous glands and are invisible to the naked eye. Enlarged pores grow in size because of the excessive sebum (or sluggish oil flow) production.

Measured Parameters: Pore Average Intensity

Pore Average Intensity: Decrease in pore visibility

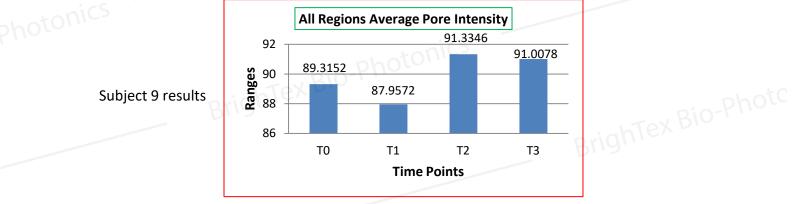
Right Profile, Product: 618



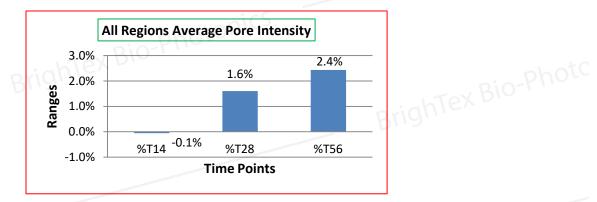


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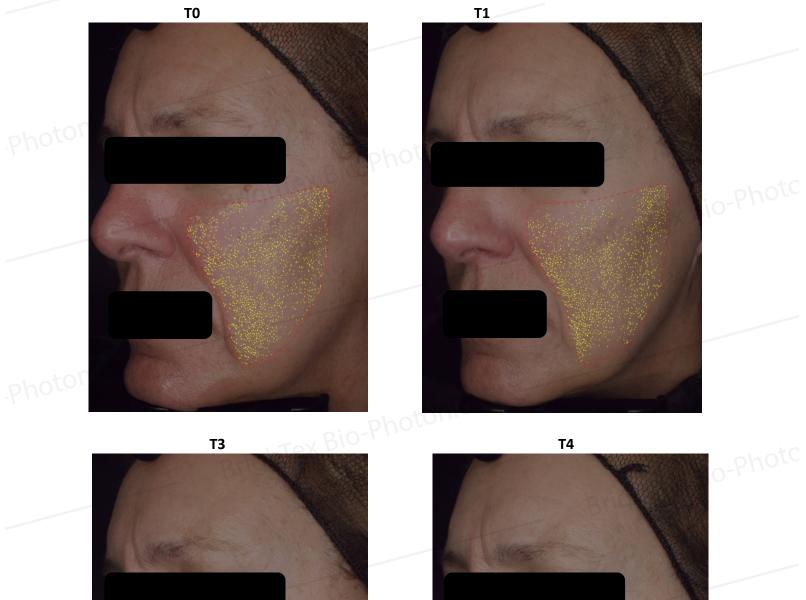
Overall Study Trends:



BrighTex Bio-Photonics Improvements Observed: Increase in Average pore intensity from visit 1 to visit 4 Pores Test Results and Statistical Summer

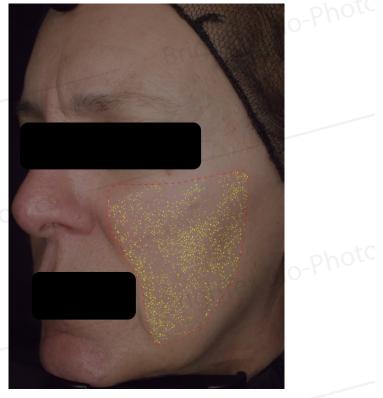
Clarity™ Mini 3D System- Pores						
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement		
	Bright	Day 7	7	58.3%		
Average Pore Intensity	Product 618	Day 28	1	8.3%		
		Day 56	2	16.7%		

Left Profile, Product: 975



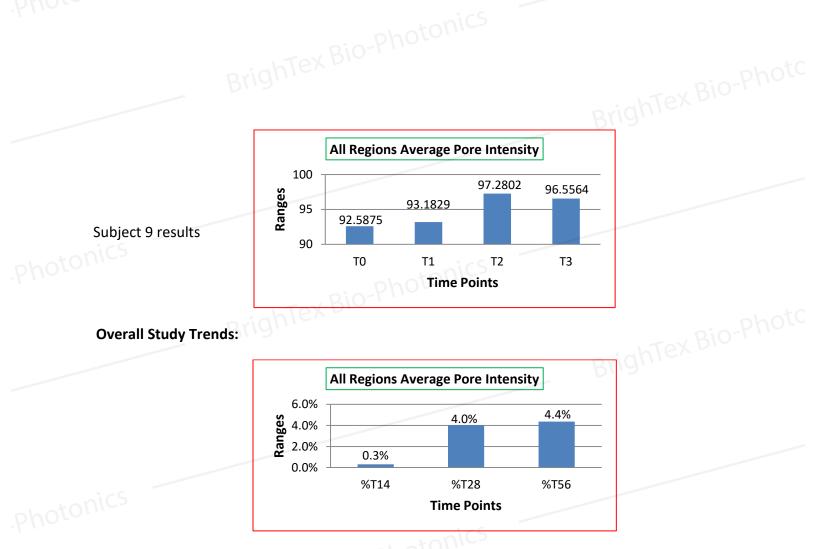
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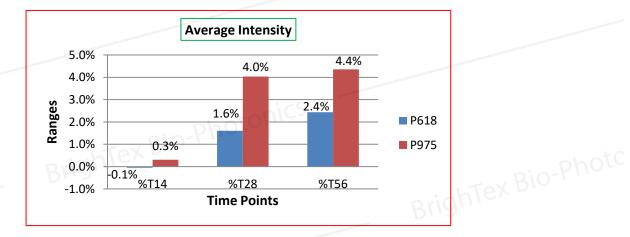


Improvements Observed: Increase in average pore intensity from visit 1 to visit 4

Pores Test Results and Statistical Summary

		Clar	ity™ Mini 3D System- Pores	BrighTex Big	
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
Average		Day 7	6	50.0%	
Pore	Product 975	Day 28	photo ilics	8.3%	-
intensity		Day 56	0	0.0%	ph

Overall Comparison Trends:



4. Surface Spots

Pigmentation or spots is a localized change in skin color caused by the variation in the amount and type

of melanin production underneath the skin.

Measured Parameters: Average Pigment Intensity

Average Pigment intensity: Decrease in pigment darkness

Right Profile, Product:618

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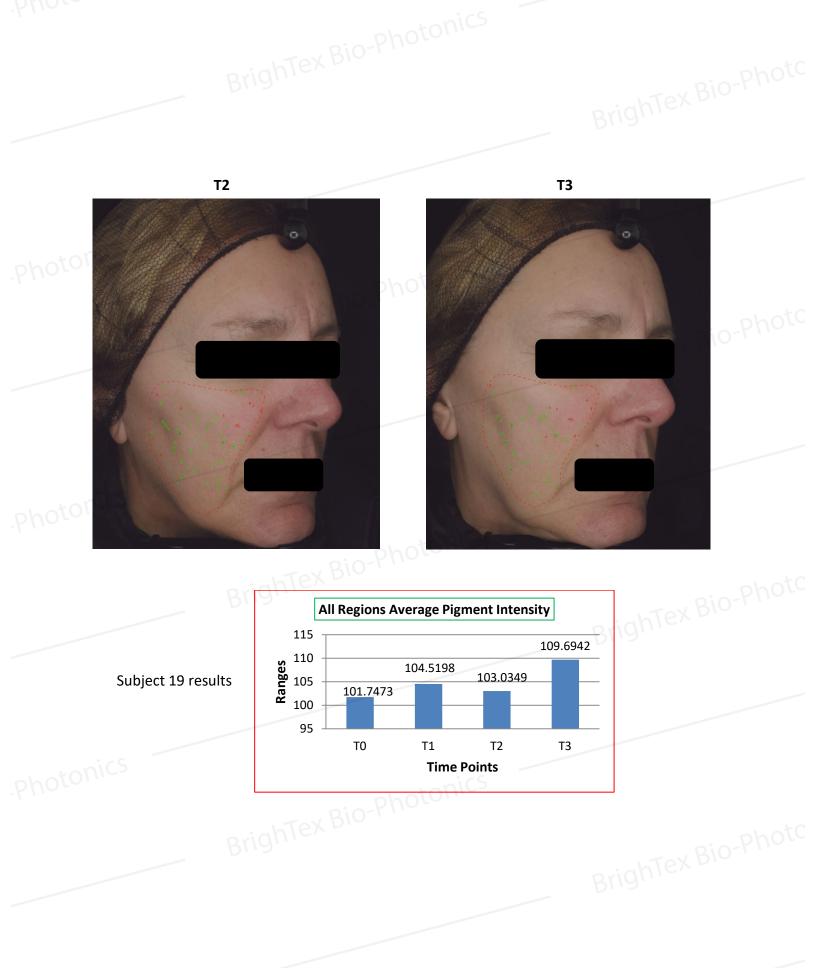


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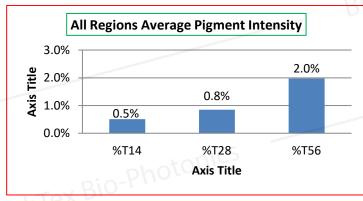


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o-Photc



BrighTex Bio-Photonics **Overall Study Trends:**



Surface SpotsTest Results and Statistical Summary

			n Average Pigment Intensity from V tical Summary	/isit 1 to Visit 4	
			Mini 3D System- Surface Spots	Rua.	
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
Average	Product	Day 7	8	66.7%	
Pigment Intensity	618	Day 28	pio-Photo 8	66.7%	
	Br	Day 56	9	75.0%	p-Photo
eft Profile				Brighter	'

Left Profile, Product: 975

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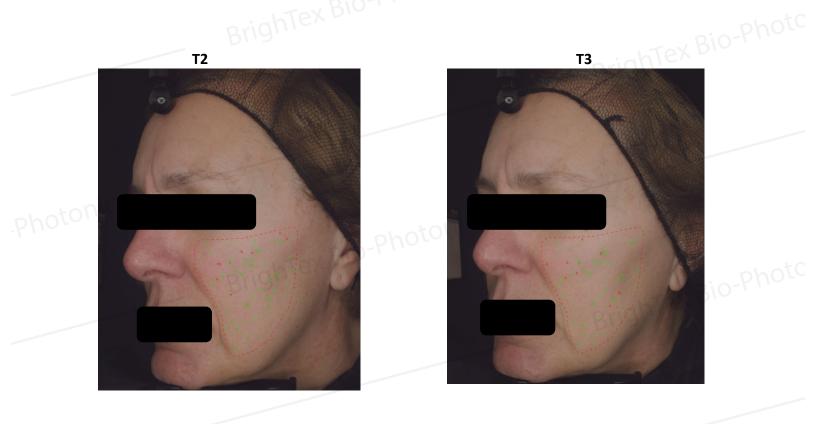
T1

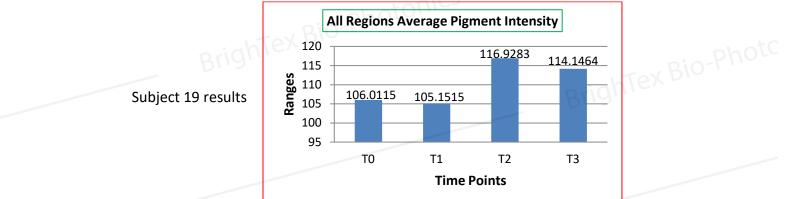


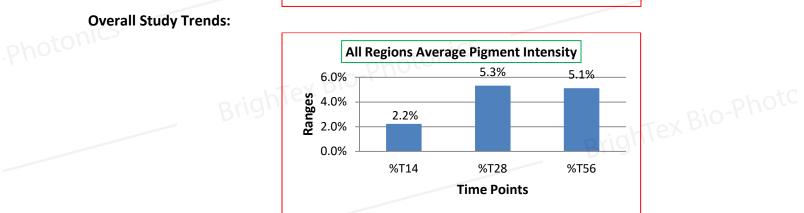
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ighTex Bio-Photo





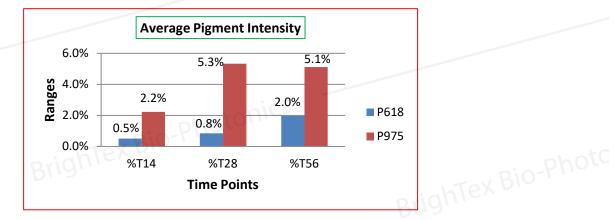




BrighTex Bio-Photonics Surface SpotsTest Results and Statistical Summary

urface Spo			tical Summary	BrighTex Bic	p-pho
		Clarity™	Mini 3D System- Surface Spots		
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
Average	_	Day 7	7 ics	58.3%	
Pigment	Product 975	Product Day 28 975	10-Photos	75.0%	
Intensity	- Br	Day 56	10	83.3%	9-440
	1		1	Bula	

Overall Comparison Trends:



CP Spots 5.

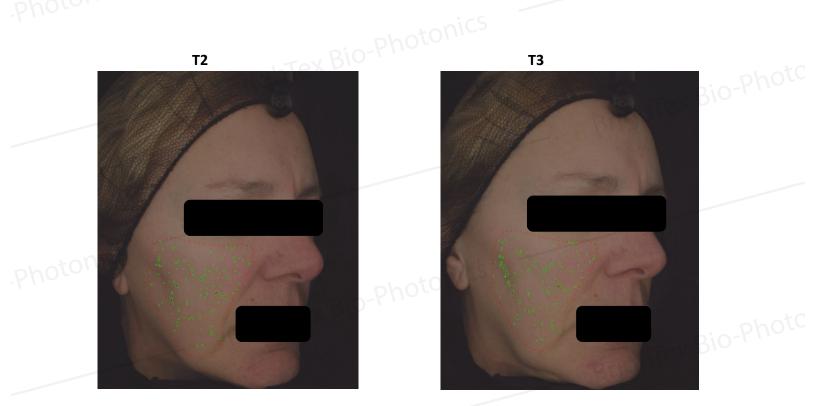
Pigmentation not visible on the surface that lies underneath the skin is subsurface pigmentation. Generally, it is an indication of an internal damage caused by the sun.

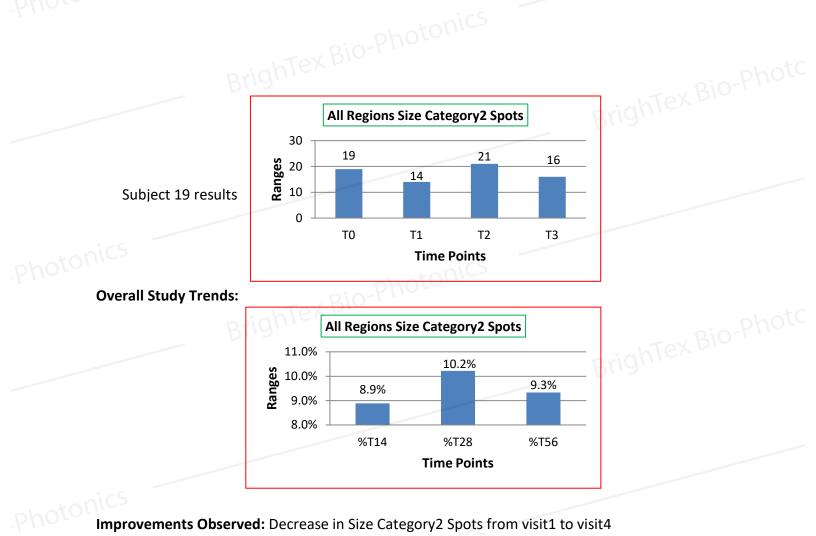
Measured Parameters: Size Category2 Spots

Size Category2 Spots: Decrease in spots count which are > 2 mm²&<= 4 mm² BrighTex Bio-Phc

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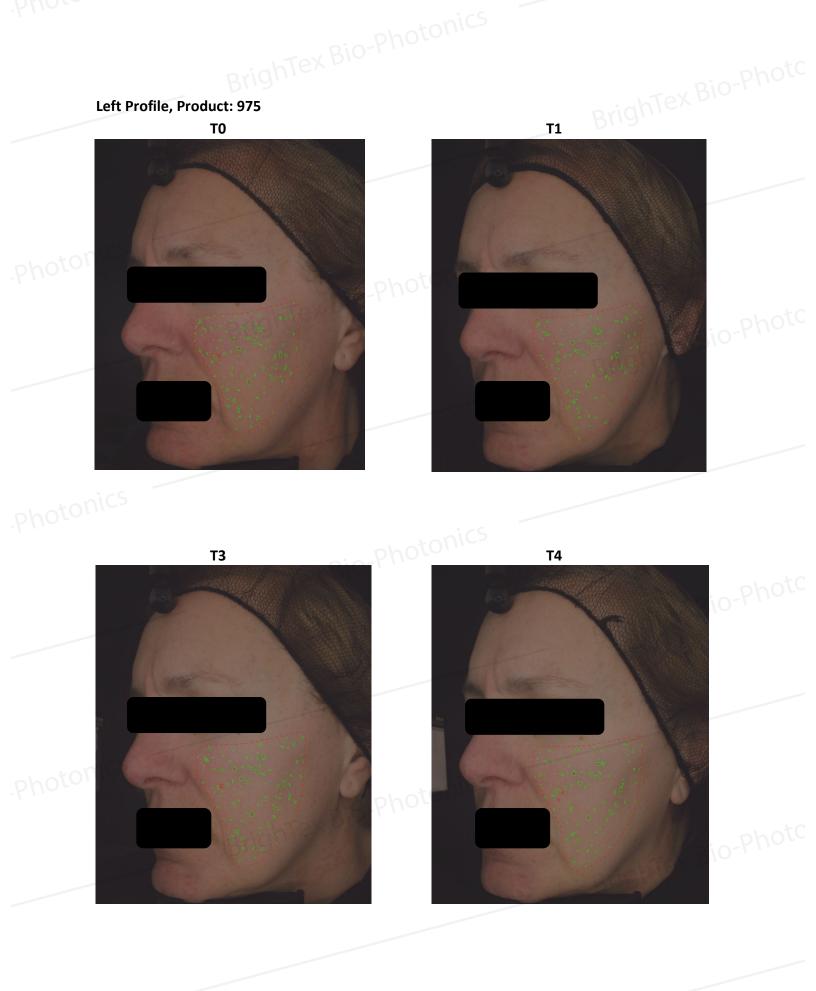


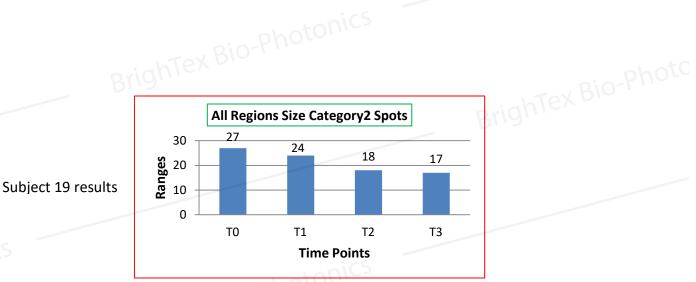


Improvements Observed: Decrease in Size Category2 Spots from visit1 to visit4 Tex Bio-Photor

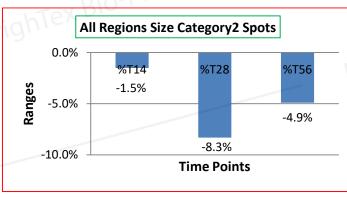
CP SpotsTest Results and Statistical Summary

CP SpotsTes	st Results an	nd Statistical S	ummary	BrighTexBi	0-5110
		Clarity	Mini 3D System- CP Spots		
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
Size	Draduat	Day 7	4 tonics	33.3%	
Category2 Spots	Product 618	Day 28	io-Photog	33.3%	
50013	Br	Day 56	5	41.7%	o-Phoi
				Brighte	





.photonics **Overall Study Trends:**



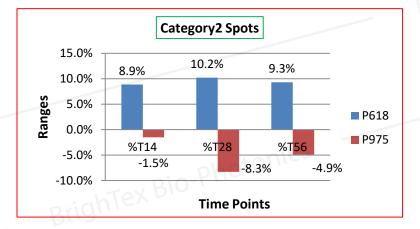
Improvements Observed: Decrease in Size Category2 Spots from visit 1 to visit 4

CP Spots Test Results and Statistical Summary

		Clarity	/™ Mini 3D System- CP Spots	
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement
Size		Day 7	5	41.7%
Category2	Product 975	Day 28	5	41.7%
Spots	-	Day 56	6	50.0%

righTex Bio-Photc

BrighTex Bio-Photonics **Overall Comparison Trends:**



6. Nasolabial Wrinkles

Structural Changes in specific parts of the dermis and the subcutaneous tissue producing a fold, ridge or crease on the skin is considered as a wrinkle

Measured Parameters: Fine Wrinkles Surface Area (%), Emerging Wrinkles Average Severity

Fine Wrinkles Surface Area (%): Decrease in (total number of fine wrinkle pixels / total number of ROI pixels) * 100

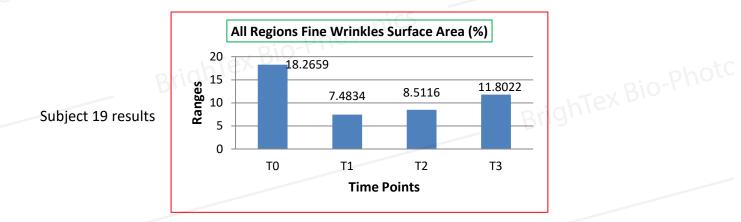
Emerging Wrinkles Average Severity: Decrease in the average of intensity difference of each wrinkle BrighTex Bio-Photc pixel from its start to the end point

Right Profile, Product: 618

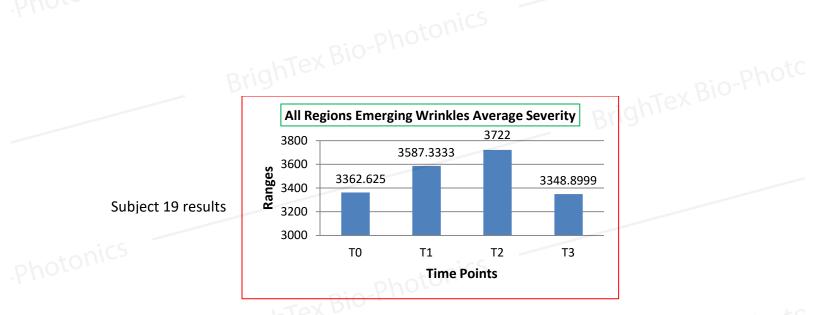




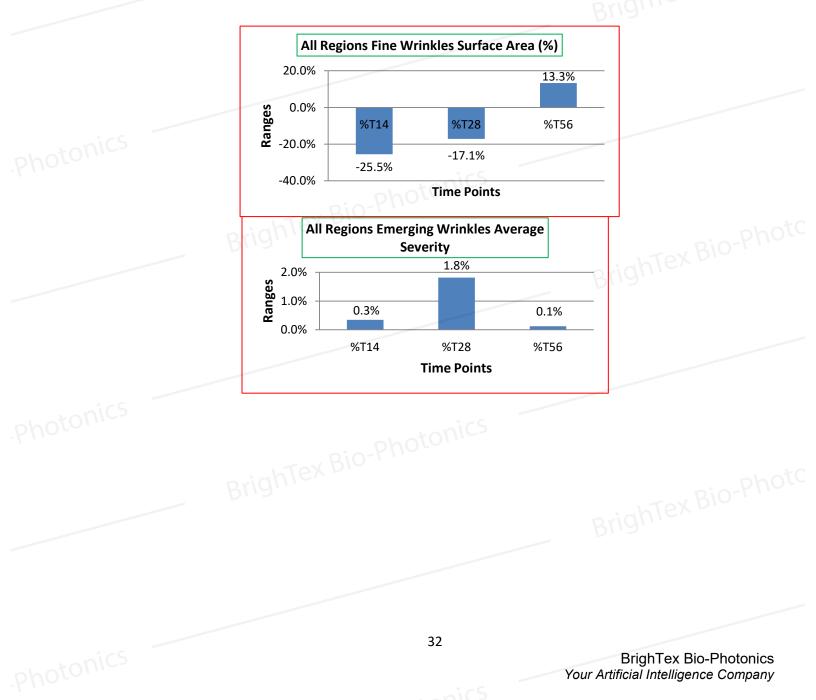




Improvements Observed: Decrease in Fine Wrinkles Surface Area (%) from visit 1 to visit 4 Overall Study Trends:



Improvements Observed: Decrease in Emerging Wrinkles Average Severity from visit 1 to visit 4 Overall Study Trends:



BrighTex Bio-Photonics Nasolabial WrinklesTest Results and Statistical Summary

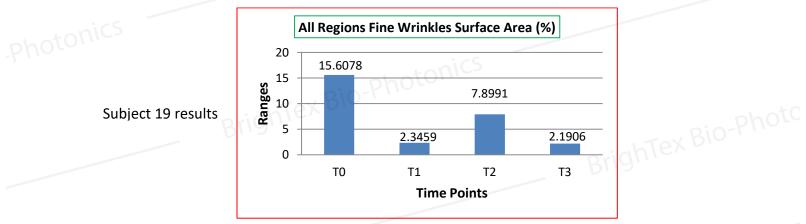
Nasolabial WrinklesTest Results and Statistical Summary Clarity™ Mini 3D System- Nasolabial Wrinkles									
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement					
R	Product 618	Day 7	5	41.7%					
Fine Wrinkles Surface Area (%)		Day 28	7	58.3%					
		Day 56	7 Brig	58.3%					
		Day 7	4	33.3%					
Emerging Wrinkles Average Severity	Product 618	Day 28	6	50.0%					
		Day 56	6	50.0%					

.Photonics Left Profile, Product: 975

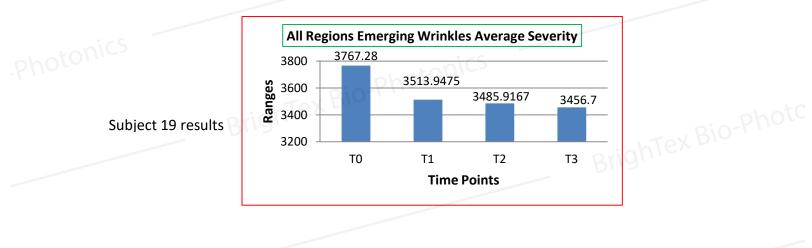




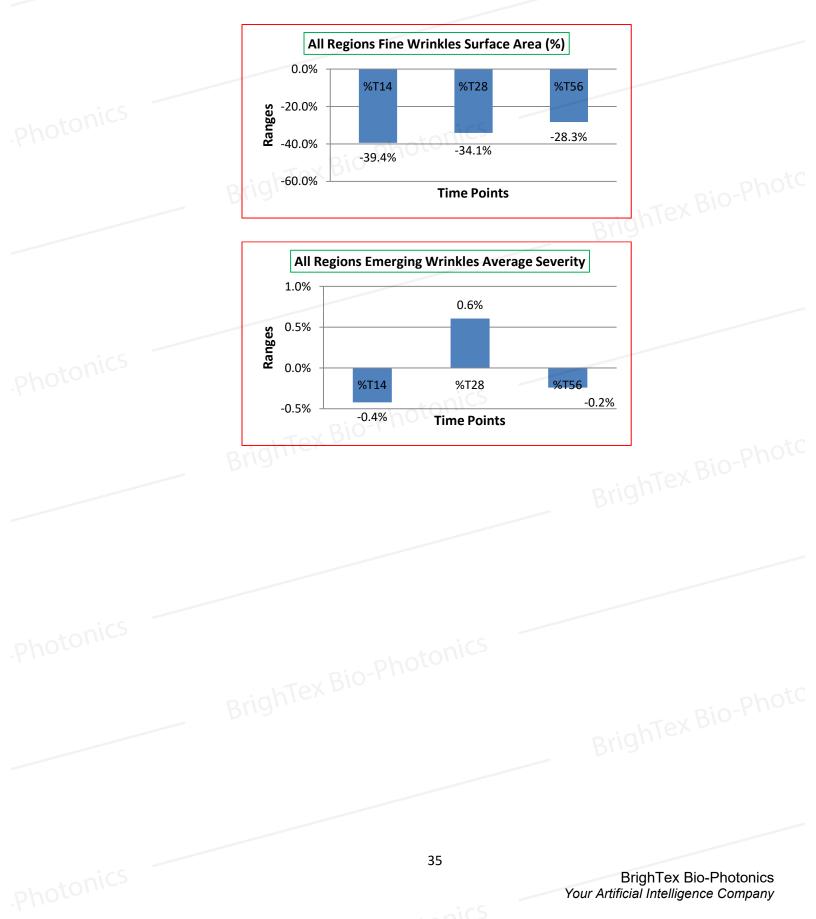




Improvements Observed: Decrease in Fine Wrinkles Surface Area (%) from Visit 1 to Visit 4



Improvements Observed: Decrease in Emerging Wrinkles Average Severity from visit 1 to visit 4 Overall Study Trends:



BrighTex Bio-Photonics Nasolabial Wrinkles Test Results and Statistical Summary

Clarity	™ Mini 3D Տγ։	l Summar stem- Nas	solabial Wrinkles	ghTex Bio-F
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement
Fine Wrinkles Surface Area (%)	Product 975	Day 7	9	75.0%
		Day 28	9	75.0%
		Day 56	7 Bri	58.3%
Emerging Wrinkles Average Severity	Product 975	Day 7	6	50.0%
		Day 28	5	41.7%
		Day 56	4	33.3%

Overall Comparison Trends:



7. Crowfeet Wrinkles

Structural Changes in specific parts of the dermis and the subcutaneous tissue producing a fold, ridge or crease on the skin is considered as a wrinkle

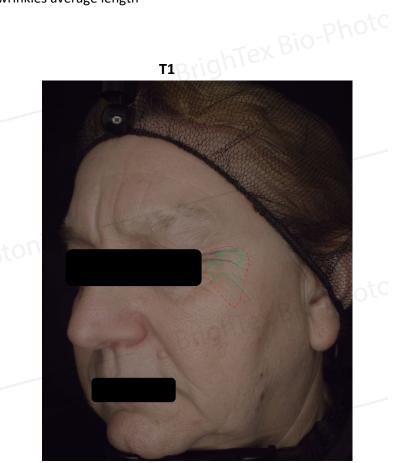
Measured Parameters: Deep Wrinkles Surface Area, Deep Wrinkles Average Length

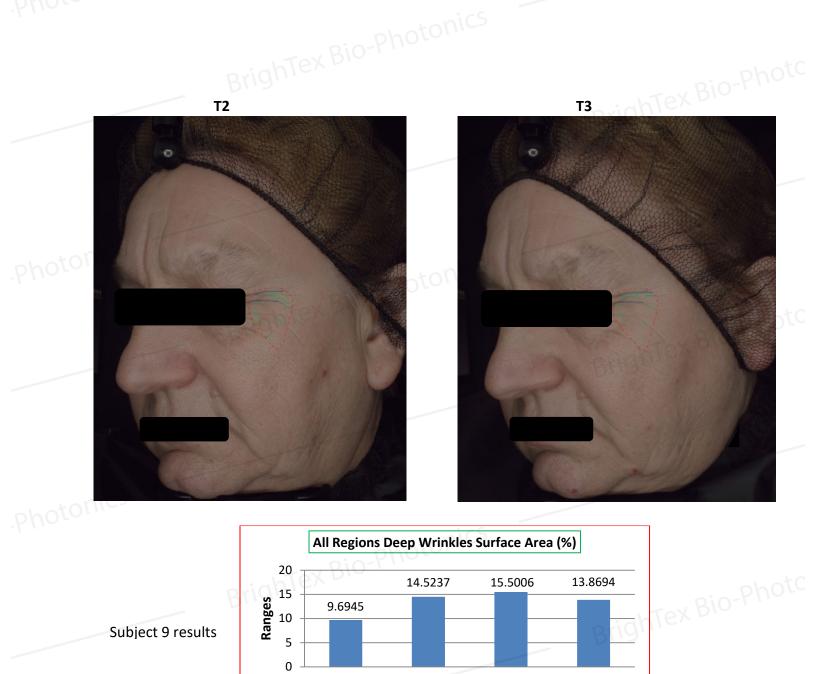
Deep Wrinkles Surface Area: Decrease in (total number of deep wrinkle pixels / total number of ROI pixels) * 100

Deep Wrinkles Average Length: Decrease in deep wrinkles average length

Left Profile, Product: 618







Improvements Observed: Decrease in Deep Wrinkles Surface Area (%) from visit 1 to visit 4

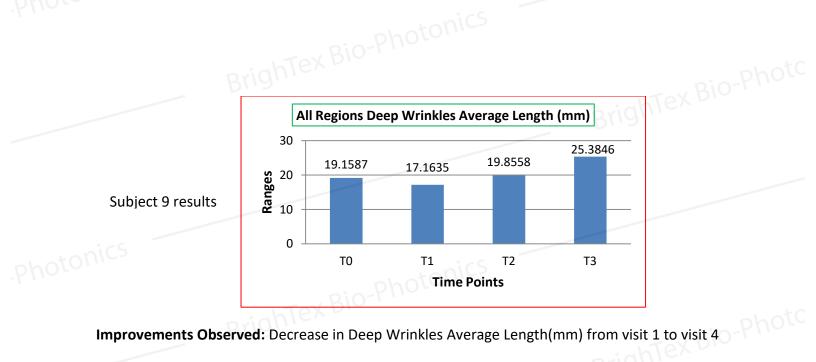
T1

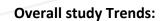
Т2

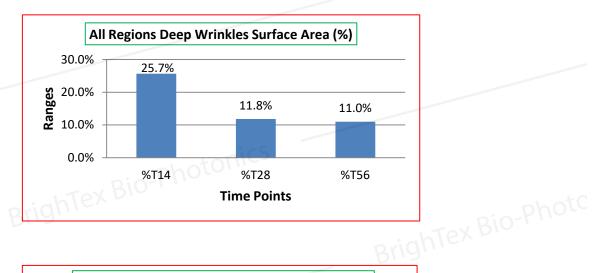
Time Points

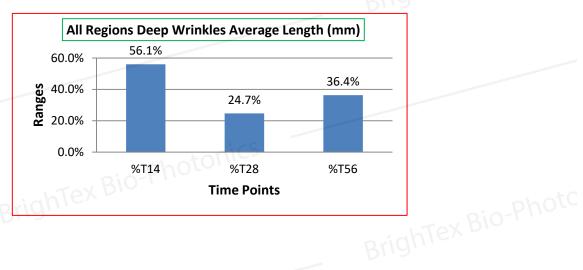
Т3

т0









BrighTex Bio-Photonics **Crowfeet Wrinkles Test Results and Statistical Summary**

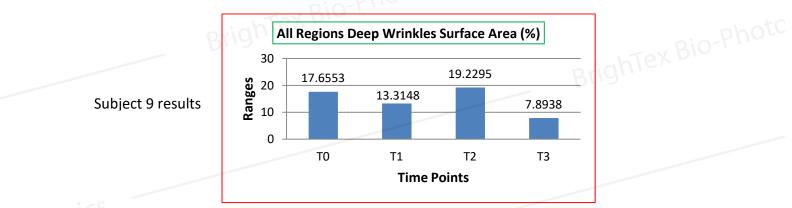
Clarity™	Mini 3D Sy	stem- Cro	owfeet Wrinkles		
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
Deep Wrinkles Surface Area (%)	Product 618	Day 7	5	41.7%	h
		Day 28	3	25.0%	
		Day 56	5	41.7%	
		Day 7	3	25.0%	_
Deep Wrinkles Average Length (mm)	Product 618	Day 28	2	16.7%	
CS		Day 56	3	25.0%	

Right Profile, Product: 975

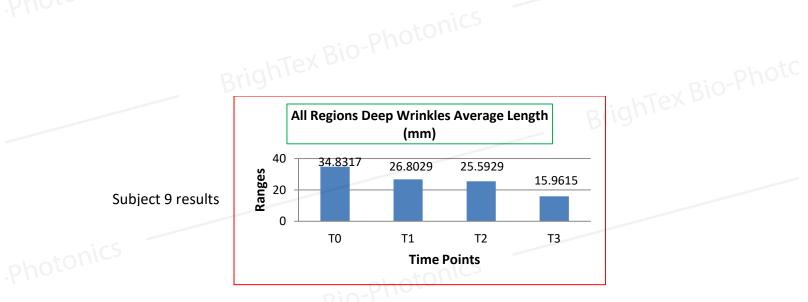




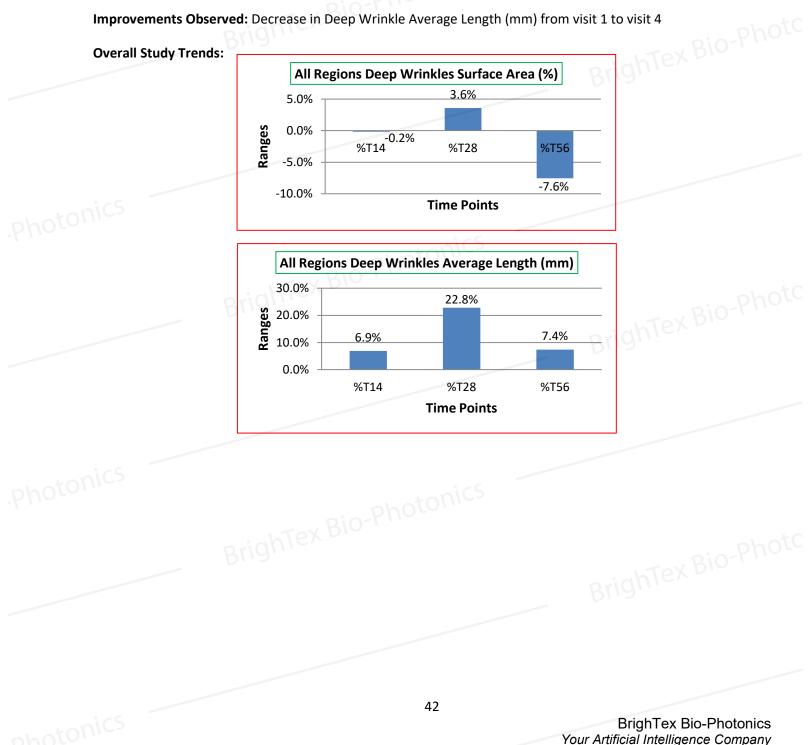




Improvements Observed: Decrease in Deep Wrinkles Surface Area (%) from visit 1 to visit 4



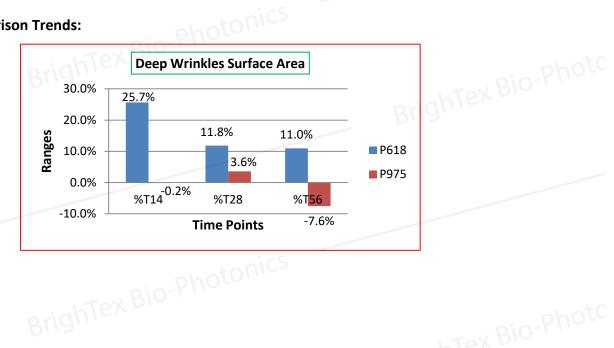
Improvements Observed: Decrease in Deep Wrinkle Average Length (mm) from visit 1 to visit 4



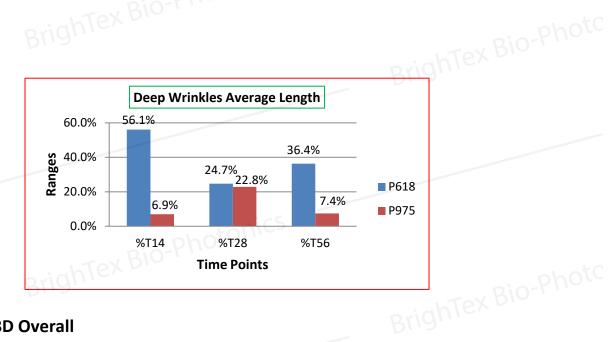
Crowfeet Wrinkles Test Results and Statistical Summary

Clarity™	⁴ Mini 3D Sys	stem- Cro	owfeet Wrinkles	
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement
Deep Wrinkles Surface Area (%)	Product 975	Day 7	6	50.0%
		Day 28	5	41.7%
		Day 56	4	33.3%
	Product 975	Day 7	5	41.7%
Deep Wrinkles Average Length (mm)		Day 28	3	25.0%
		Day 56	4	33.3%

Overall Comparison Trends:







8. Wrinkles3D Overall

Structural changes in specific parts of the dermis and the subcutaneous tissue producing a fold, ridge or crease on the skin is considered as a wrinkle.

Measured Parameter: Total Volume, Average Depth

Total Volume: Decrease in total Intensity of wrinkle recognized pixels

Average Depth: Decrease in average intensity of wrinkle recognized pixels

Right Profile, Product: 618

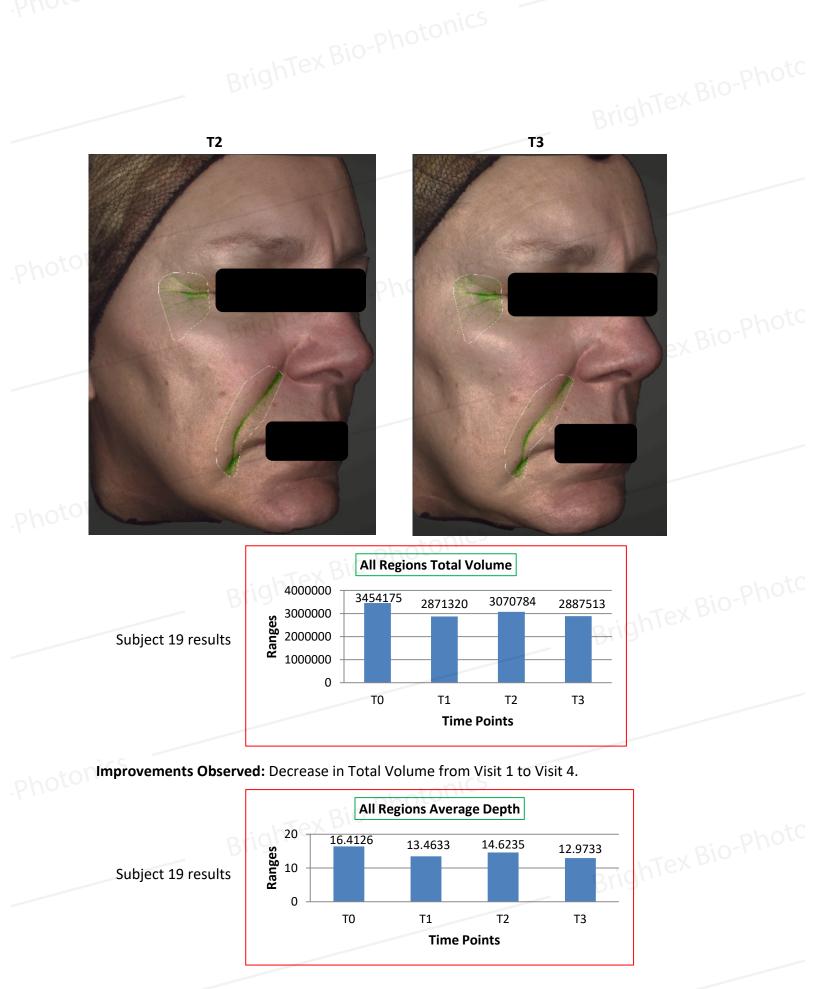
т0



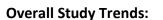
BrighTex Bio-Photonics Your Artificial Intelligence Company

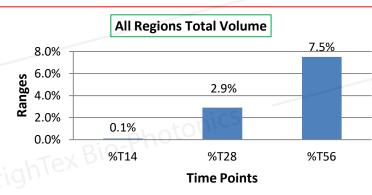
x Bio-Photc

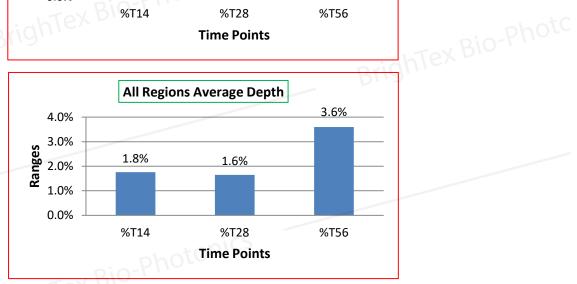
x Bio-Photc



BrighTex Bio-Photonics Improvements Observed: Decrease in Average Depth from Visit 1 to Visit 4. Overall Study Trends:





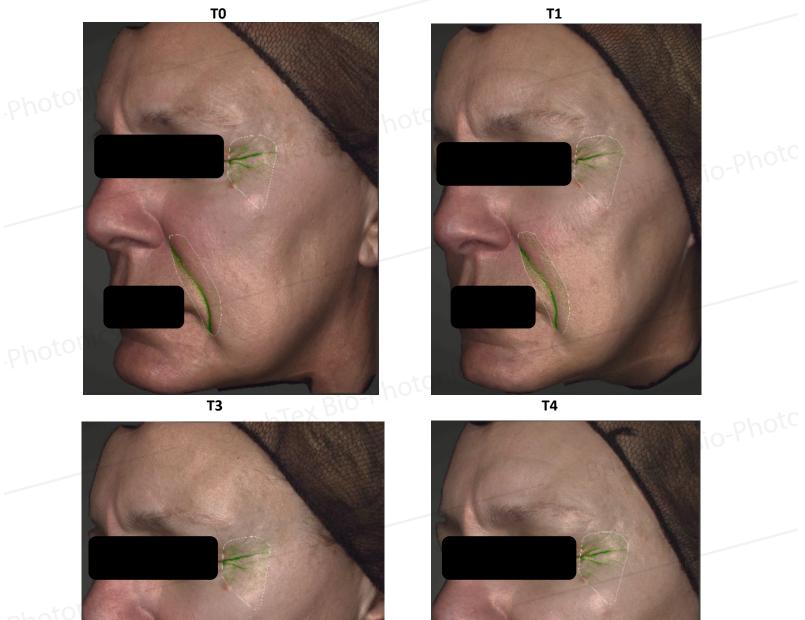


Wrinkles 3D Overall Test Results and Statistical Summary

	Cla	rity™ Mini 3	BD System- Wrinkles3D Overall	BrightexB
Parameter Ti	reatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement
		Day 7	4	33.3%
otal Volume Product 618		Day 28	abotomics	41.7%
		Day 56	5	25.0%
	Buid	Day 7	5	41.7%
Average Product Depth 618		Day 28	5	41.7%
	F	Day 56	5	41.7%

BrighTex Bio-Photonics Improvements Observed: Decrease in Wrinkle count from visit 1 to visit 4

Left Profile, Product: 975



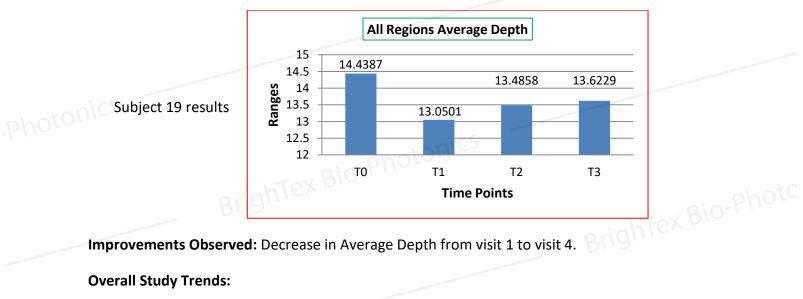


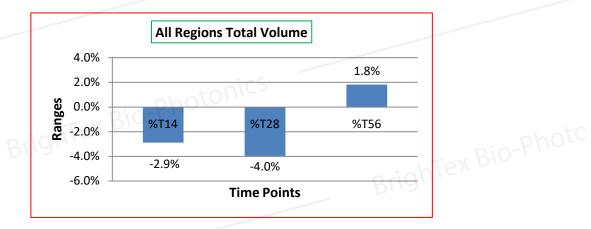


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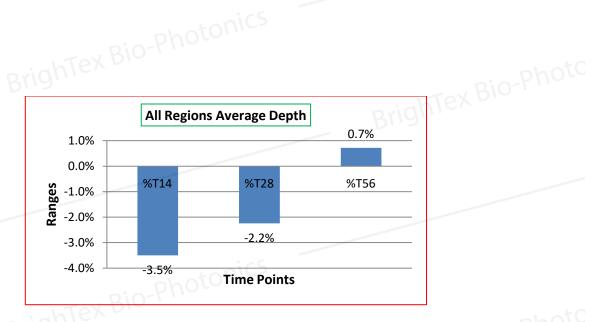
<u>Brig</u>hTex Bio-Photc **All Regions Total Volume** 2928368 3000000 2830735 2736040 2800000 Ranges 2543925 Subject 19 results 2600000 2400000 2200000 Brightex Bio-Photc то Τ1 T2 **Time Points**

Improvements Observed: Decrease in Total Volume from visit 1 to visit 4.



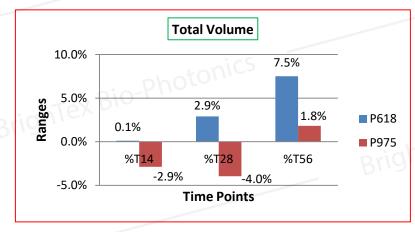






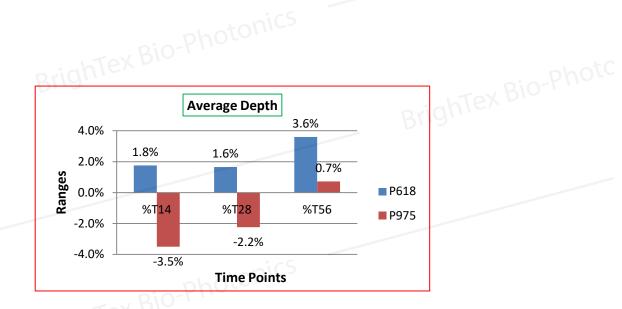
Vrinkles 3D Ov			atistical Summary	BrighTex Bio	
Parameter	Treatment	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
ics	al Volume 975	Day 7	8	66.7%	
Total Volume		Day 28	8	66.7%	
		Day 56	6	50.0%	
	Brig	Day 7	6	50.0%	
Average Depth	Product 975	Day 28	7	58.3%	
		Day 56	5	41.7%	

Overall Comparison Trends:

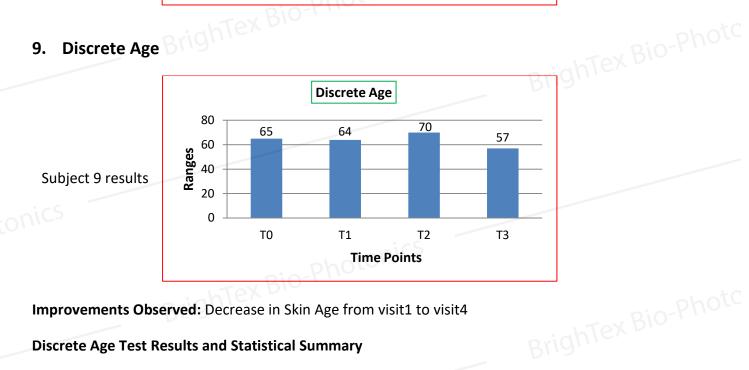


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9.



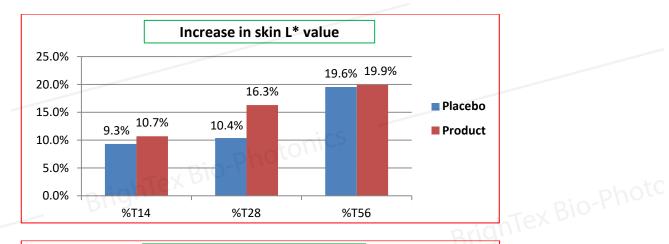
Improvements Observed: Decrease in Skin Age from visit1 to visit4

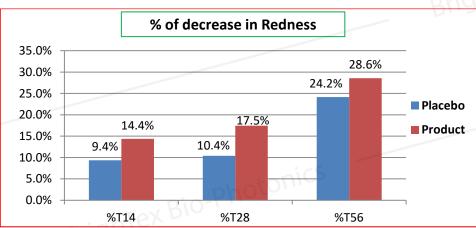
Discrete Age Test Results and Statistical Summary

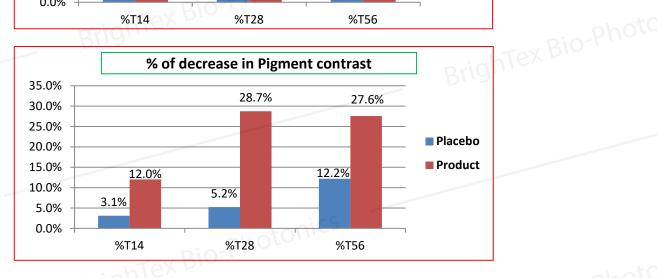
	Clar	ity™ Mini 3D System- Discrete Age		
Parameter	Visit	Number of subjects showed improvement who has baseline out of 12 subjects	% of Subject showed improvement	
	Day 7	³ photonics	21.4%	
Discrete Age	Day 28	Tex Bio- 6	42.9%	w Bio-Photo
	Day 56	6	42.9%	X BIO-I

phore

Section 6: Study Conclusion

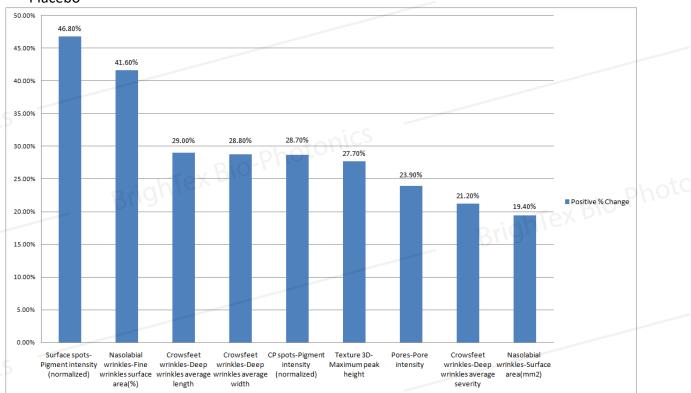






- Given Parameters showed positive % change at all time points T14,T28,T56 with Active product
- Most of the other Parameters showed positive % change at final time point T56 with Active Product

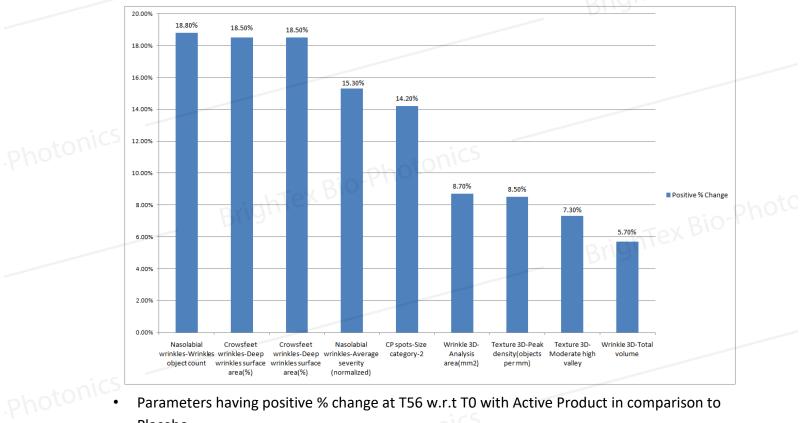
 Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo



 Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo

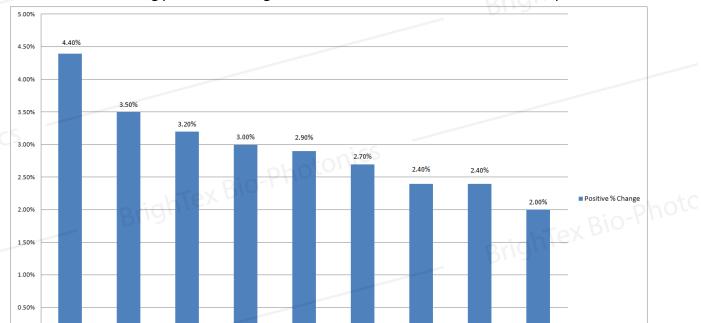
S.No	Parameter	Positive change (%)	Description
1	Surface spots-Pigment intensity (normalized)	46.80%	Decrease in pigment darkness
2	Nasolabial wrinkles-Fine wrinkles surface area (%)	41.60%	Decrease in (total number of fine wrinkle pixels / total number of ROI pixels) * 100
3	Crowfeet wrinkles -Deep wrinkles average length	29.00%	Decrease in deep wrinkles average length
4	Crowfeet wrinkles-Deep wrinkles average width	28.80%	Decrease in deep wrinkles average width
5	CP spots- Pigment intensity (<i>normalized</i>)	28.70%	Decrease in pigment darkness
6	Texture 3D-Maximum peak height	27.70%	Decrease in highest peak (bump/height) in the ROI
7	Pores-Pore intensity (normalized)	23.90%	Decrease in pore visibility
8	Crowfeet wrinkles- Deep wrinkles average severity	21.20%	Decrease in the average of intensity difference of each wrinkle pixel from its start to the end point
9	Nasolabial wrinkles-Surface area(mm ²)	19.40%	Decrease in total surface area of wrinkles in mm ²

Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo



Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo

S. No	Parameter	Positive change (%)	Description
10	Nasolabial wrinkles-Wrinkles object count	18.80%	Decrease in total wrinkles count
11	Crowfeet wrinkles-Deep wrinkles surface area (%)	18.50%	Decrease in (total number of deep wrinkle pixels / total number of ROI pixels) * 100
12	Crowfeet wrinkles -Deep wrinkles surface area (%)	18.50%	Decrease in (total number of deep wrinkle pixels / total number of ROI pixels) * 100
13	Nasolabial wrinkles-Average severity (normalized)	15.30%	Decrease in the average of intensity difference of each wrinkle pixel from its start to the end point
14	CP spots-Size category-2	14.20%	Decrease in spots count which are > 2 mm ² & <= 4 mm ²
15	Wrinkle 3D-Analysis area(mm ²)	8.70%	Decrease in total ROI area of wrinkles
16	Texture 3D -Peak density(objects per mm)	8.50%	Decrease in number of peak (bumps/heights) objects per mm ² area
17	Texture 3D-Moderate high valley	7.30%	Decrease in percentage area of pixels whose depth range is between >=10 & < 20
18	Wrinkle 3D-Total volume	5.70%	Decrease in total Intensity of wrinkle recognized pixels



Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo

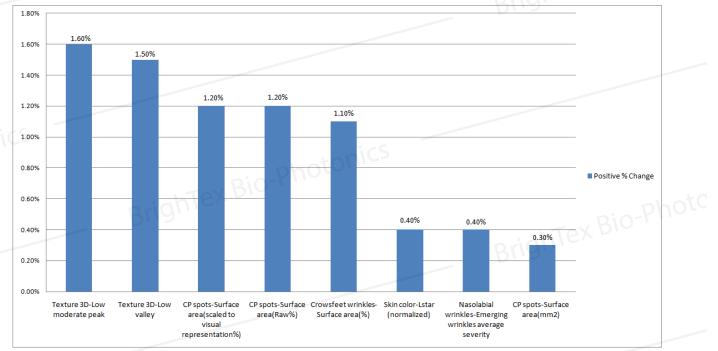


 Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo

0.00%

S.No	Parameter	Positive change (%)	Description
19	Skin color- Astar (<i>normalized</i>)	4.40%	Decrease in redness Brightex P
20	Crowfeet wrinkles-Surface area(mm ²)	3.50%	Decrease in total number of wrinkle pixels in mm ²
21	Crowfeet wrinkles-Fine wrinkles average length	3.20%	Decrease in the average length of fine wrinkles
22	Wrinkle 3D-Surface area(mm ²)	3.00%	Decrease in total number of wrinkle pixels in mm ²
23	Wrinkle 3D-Average depth	2.90%	Decrease in average intensity of wrinkle recognized pixels
24	Wrinkle 3D-Surface area (%)	2.70%	Decrease in (total number of wrinkle pixels / total number of ROI pixels) * 100
25	Texture 3D-Low peak	2.40%	Decrease in percentage area of pixels whose height range is between >0 and < 2
26	Crowfeet wrinkles-Average length	2.40%	Decrease in average length of wrinkle
27	Nasolabial wrinkles- Emerging wrinkles surface area (%)	2.00%	Decrease in (total number of emerging wrinkle pixels / total number of ROI pixels) * 100

BrighTex Bio-Photonics Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to Placebo ٠



Parameters having positive % change at T56 w.r.t T0 with Active Product in comparison to • Placebo

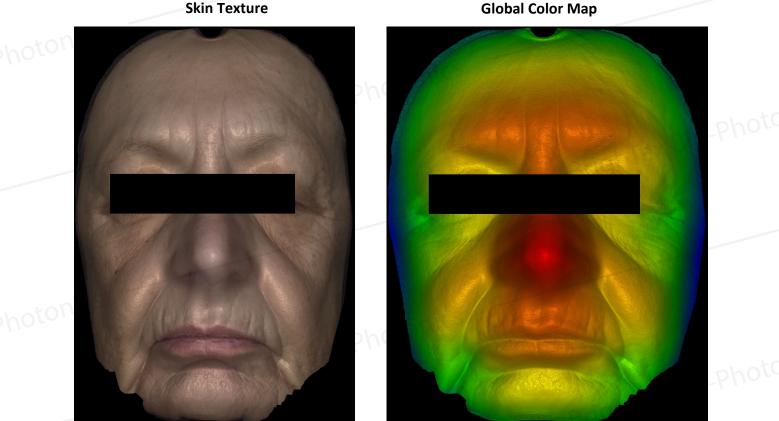
S.No	Parameter	Positive change (%)	Description
28	Texture 3D-Low moderate peak	1.60%	Decrease in percentage area of pixels whose height range is between >= 2 and < 4
29	Texture 3D-Low valley	1.50%	Decrease in percentage area of pixels whose depth range is between > 0 and < 2
30	CP spots -Surface area (scaled to visual representation %)	1.20%	Decrease in raw percentage value, scaled to reach visual representation(internal scale min=0, max=45)
31	CP spots-Surface area (Raw %)	1.20%	Decrease in (total number of Pigmented pixels / total number of ROI pixels) * 100
32	Crowfeet wrinkles- Surface area (%)	1.10%	Decrease in (total number of wrinkle pixels / total number of ROI pixels) * 100
33	Skin color- Lstar (<i>normalized</i>)	0.40%	As L* increases the brightness in Skin color is increasing
34	Nasolabial wrinkles- Emerging wrinkles average severity	0.40%	Decrease in the average of intensity difference of each wrinkle pixel from its start to the end point
35	CP spots -Surface area(mm ²)	0.30%	Decrease in total number of pigmented pixels in mm ²

BrighTex Bio-Photonics Normalized: Intensity measurements are normalized using its respective minimum value of the entire report and then calculated % change

- Statistically significant improvements were seen in the size and visibility of both crows-feet and • nasolabial wrinkles
- Pigmented spots has a decrease in visibility
- Reduction in skin redness
- Decrease in pore visibility
- Skin texture was also found to be smoother

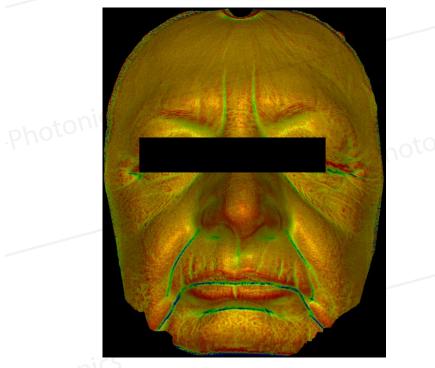
From the above improvements we conclude that there is a positive visible impact on skin with Product in comparison to Placebo

6.1 **3DModel Front View**

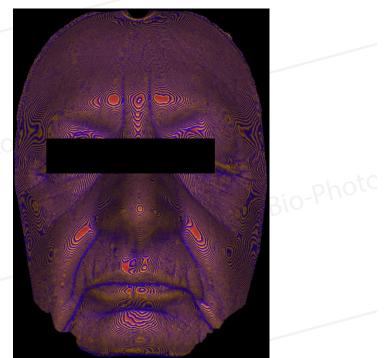


Skin Texture

Localized Color Map



ightex Bio-Photo Man Localized Contour Map



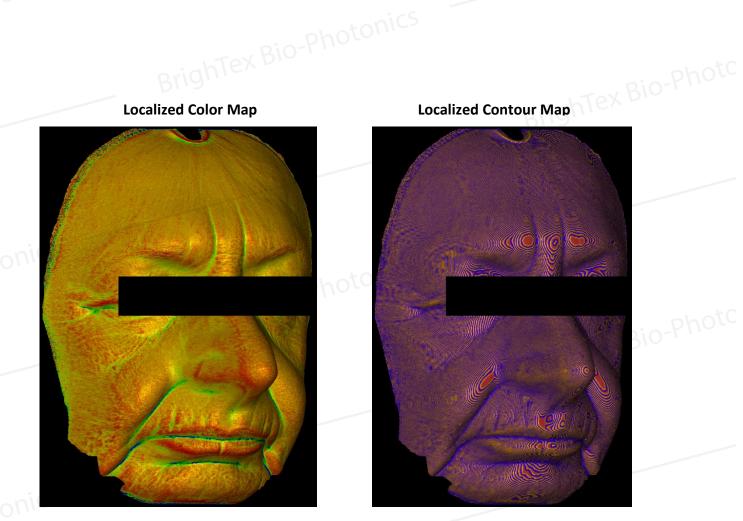
.photonic 6.2 **3DModel Side View**



Localized Contour Map







Section 7: Product Usage/Application Instructions

As per the product usage instructions provided by the BIO-EC laboratory instructors, From **Day 0 to Day 56** Application of the products on each hemi-face twice Daily.