

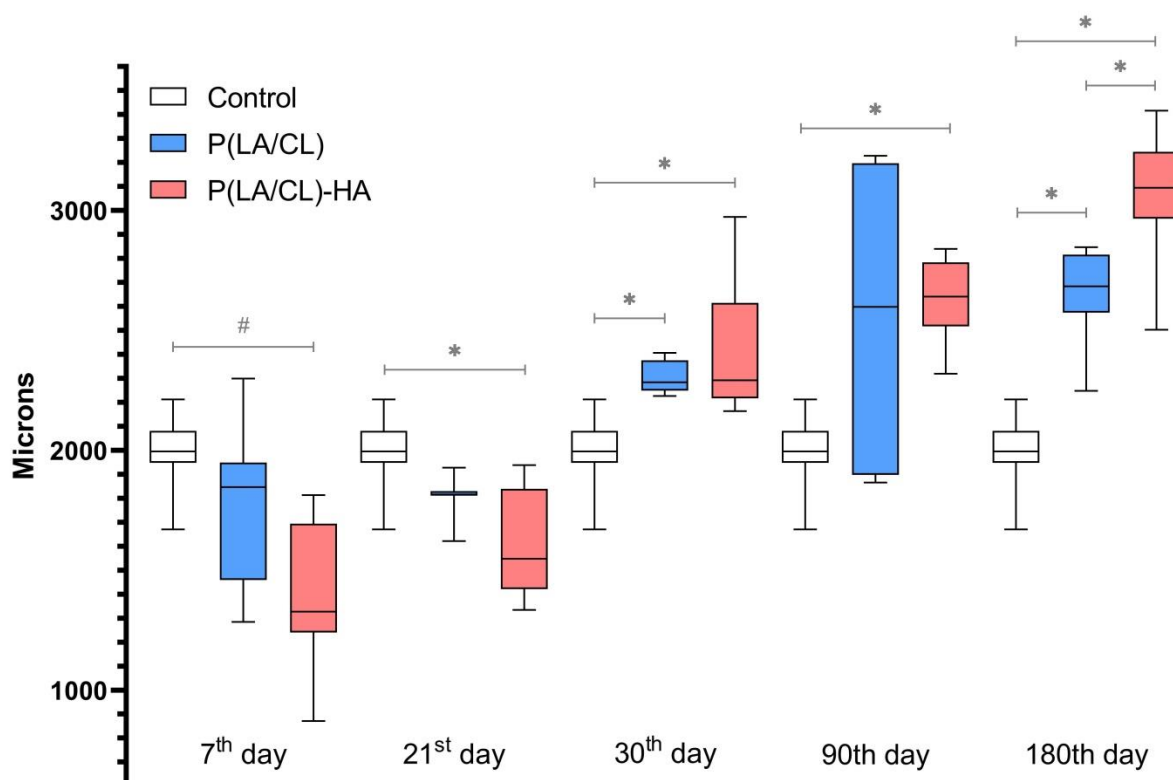
Supplementary materials for

Efficacy of Lifting Threads Composed of Poly(L-lactide-co- ϵ -caprolactone) Copolymers Coated with Hyaluronic Acid: A Long-Term Study on Biorevitalizing Properties in Skin Remodelling.

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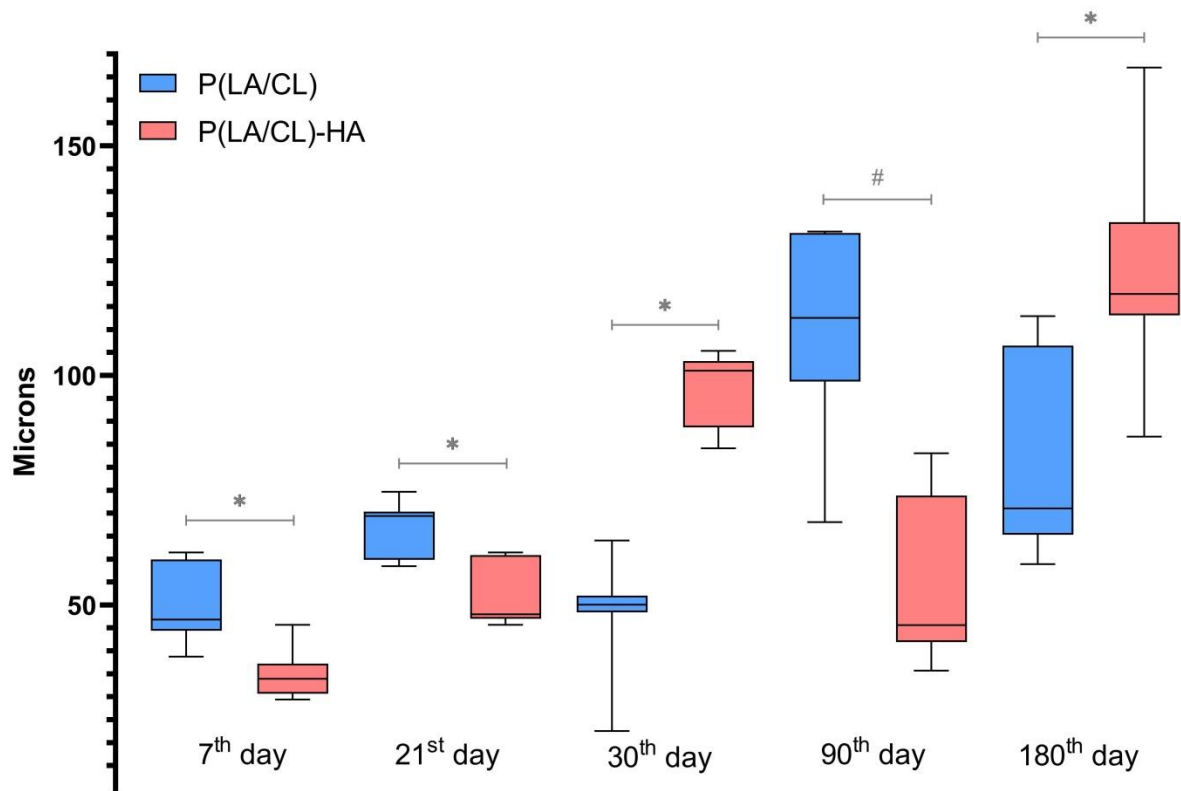
1. Supplementary Figures and Figure Legends S1 to S14.
2. Supplementary Tables S1 to S3.

1. Supplementary Figures and Figure Legends

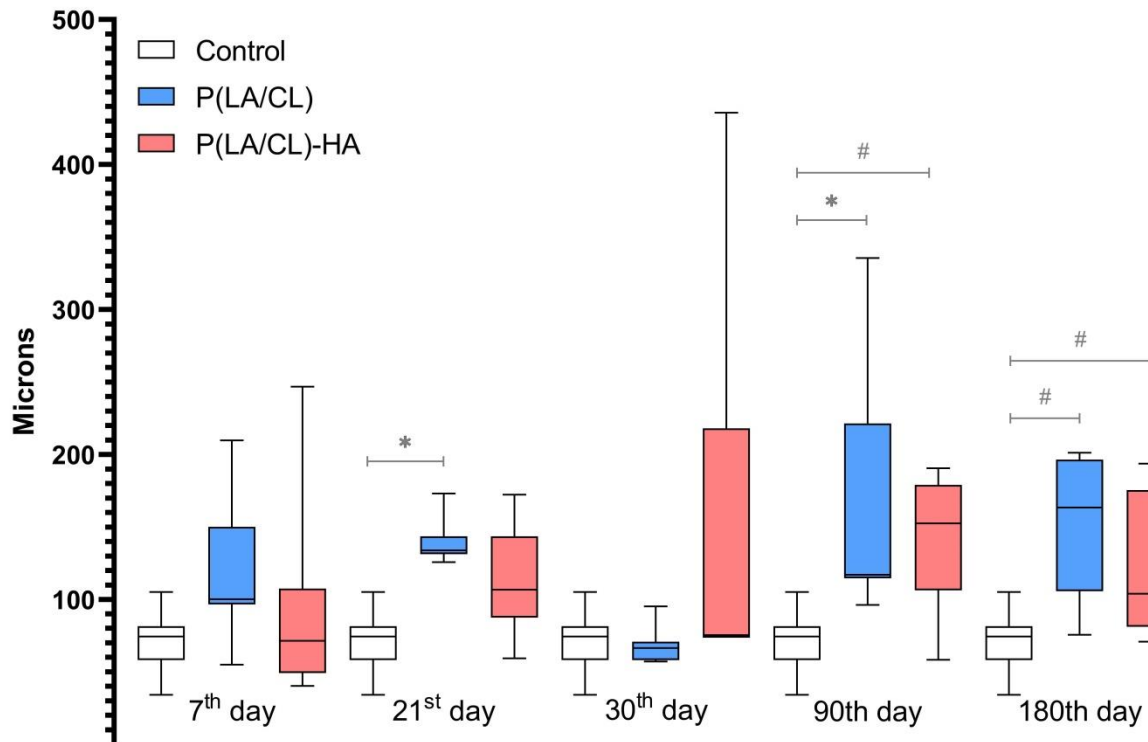


Supplementary Figure S1. A series of box plots displays data on dermal thickness for three groups – namely, the control, P(LA/CL), and P(LA/CL)-HA groups – at five time points during the postimplantation examination. The box plots illustrate a five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum in microns. These plots provide insights into the variability and distribution of dermal thickness within each group over time, effectively capturing the

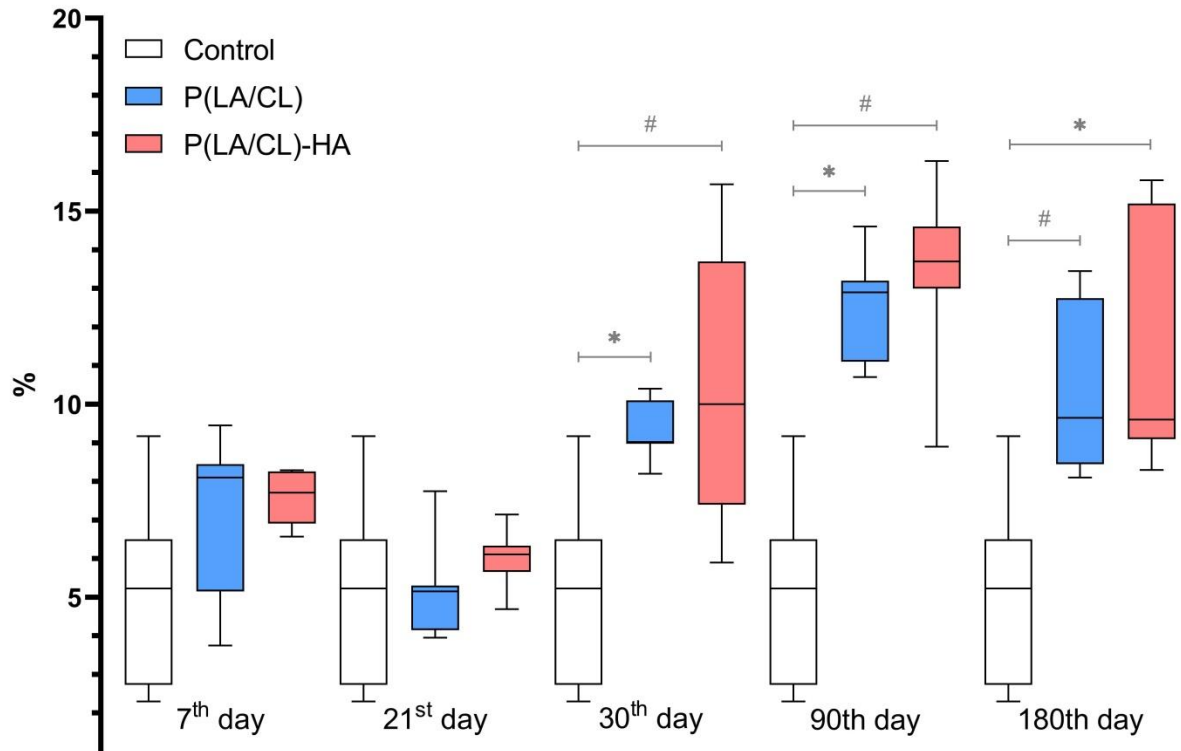
central tendency and dispersion of the data. The results that reached a p -value of less than 0.05 were deemed statistically significant (* denoting $0.01 \leq p < 0.05$).



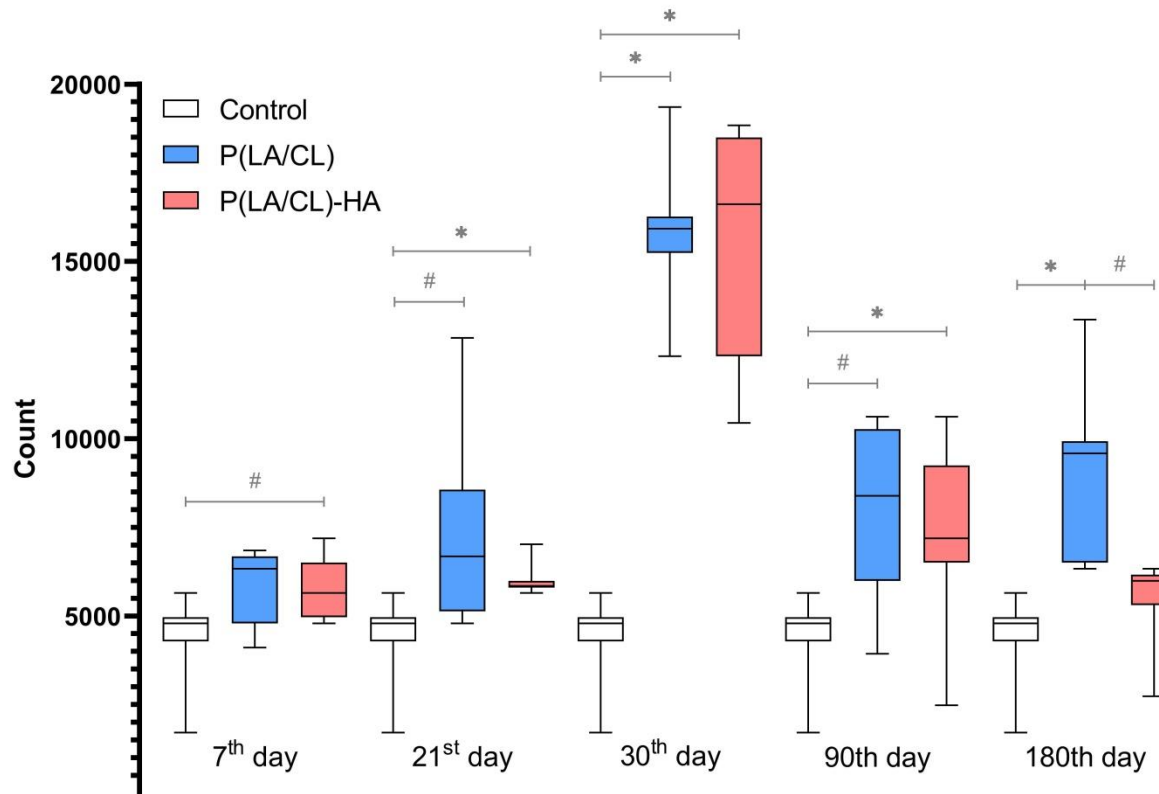
Supplementary Figure S2. A series of box plots graphically presents data on the thickness of the fibrous sheath for three distinct groups – P(LA/CL) and P(LA/CL)-HA – across five time points during the postimplantation period. These box plots render a five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, measured in microns. These visual representations offer a comprehensive view of the variability and distribution of fibrous sheath thickness within each group over time, succinctly capturing the central tendencies and data dispersion. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), and a tendency toward a significant difference was suggested for $0.05 < p < 0.1$ (#), indicating that significance might be established with an increased number of samples analysed.



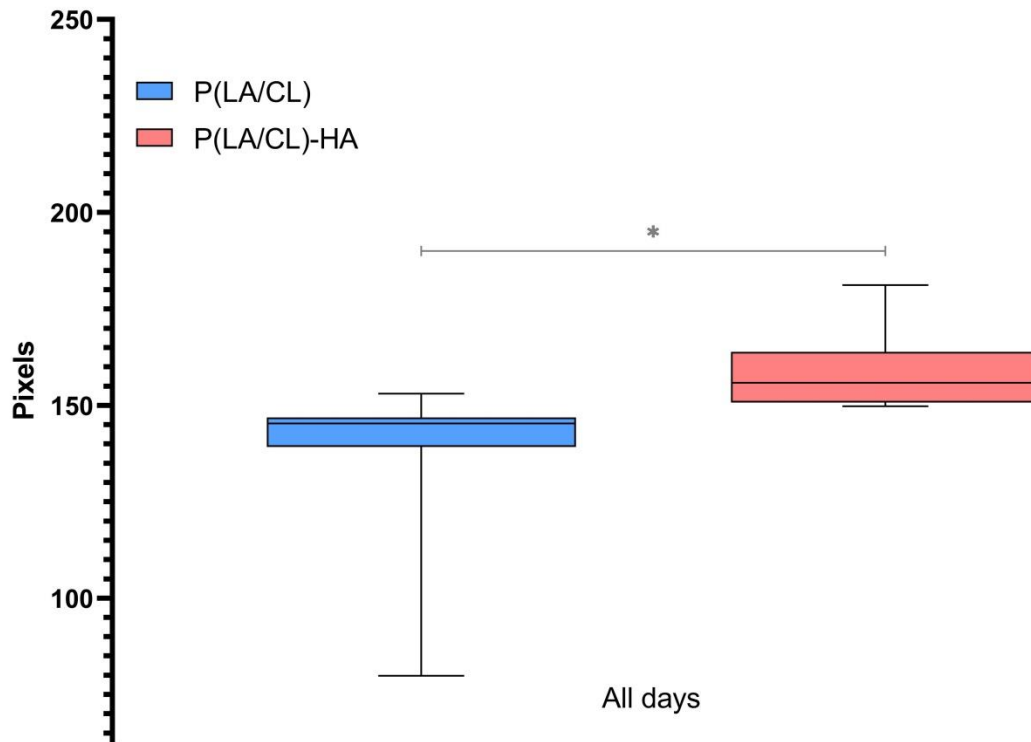
Supplementary Figure S3. A series of box plots visually depicts data on the diameter of blood vessels for three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups at five time points during the postimplantation period. These plots provide a five-point summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all measured in microns. This graphical representation affords a detailed analysis of the variability and distribution of blood vessel diameter within each group over time, effectively summarizing the central tendencies and dispersion of the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), whereas a p -value ranging from 0.05 to 0.1 (#) suggested a potential trend toward significance, implying that further significance could be achieved with an increased sample size.



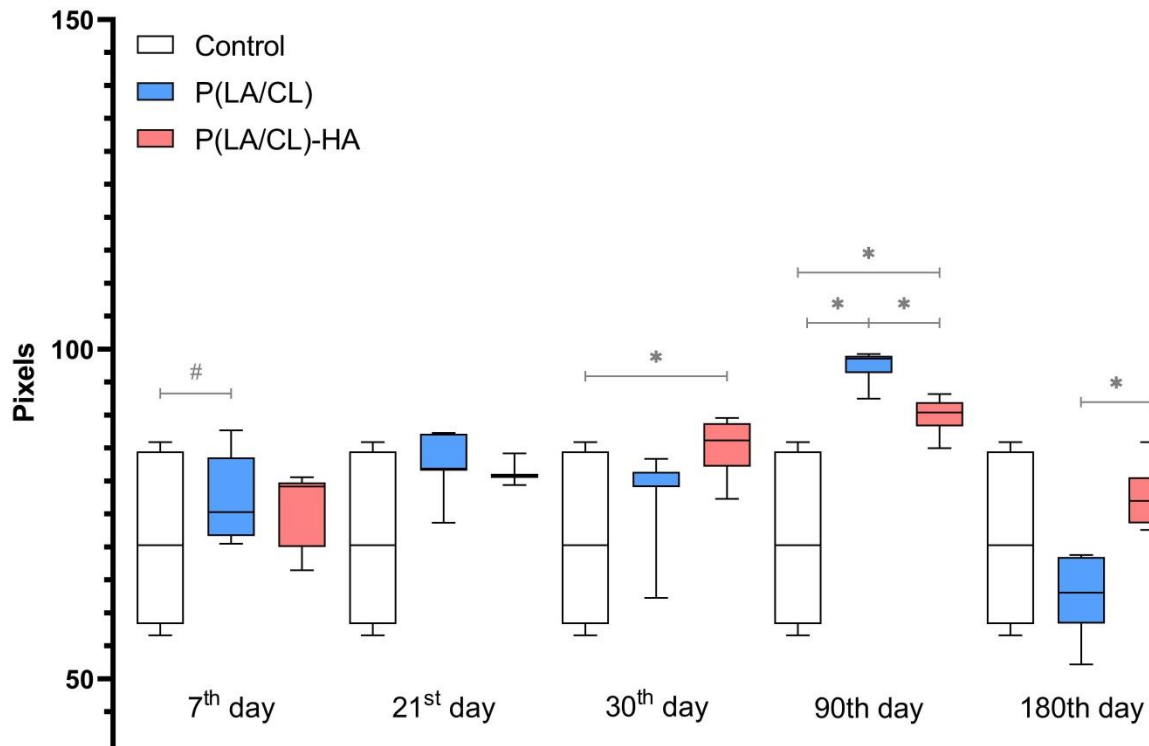
Supplementary Figure S4. A series of box plots visually represents data concerning the relative vascular bed area for three distinct groups – control, P(LA/CL), and P(LA/CL)-HA – across five time points during the postimplantation period. These plots provide a summary of five numbers: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all of which are quantified in %. This graphical portrayal provides an in-depth examination of the variability and distribution of the relative vascular bed area within each group over time, succinctly encapsulating the central tendencies and variability of the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), and a tendency toward a significant difference was suggested for $0.05 < p < 0.1$ (#), indicating that significance might be established with an increased number of samples analysed.



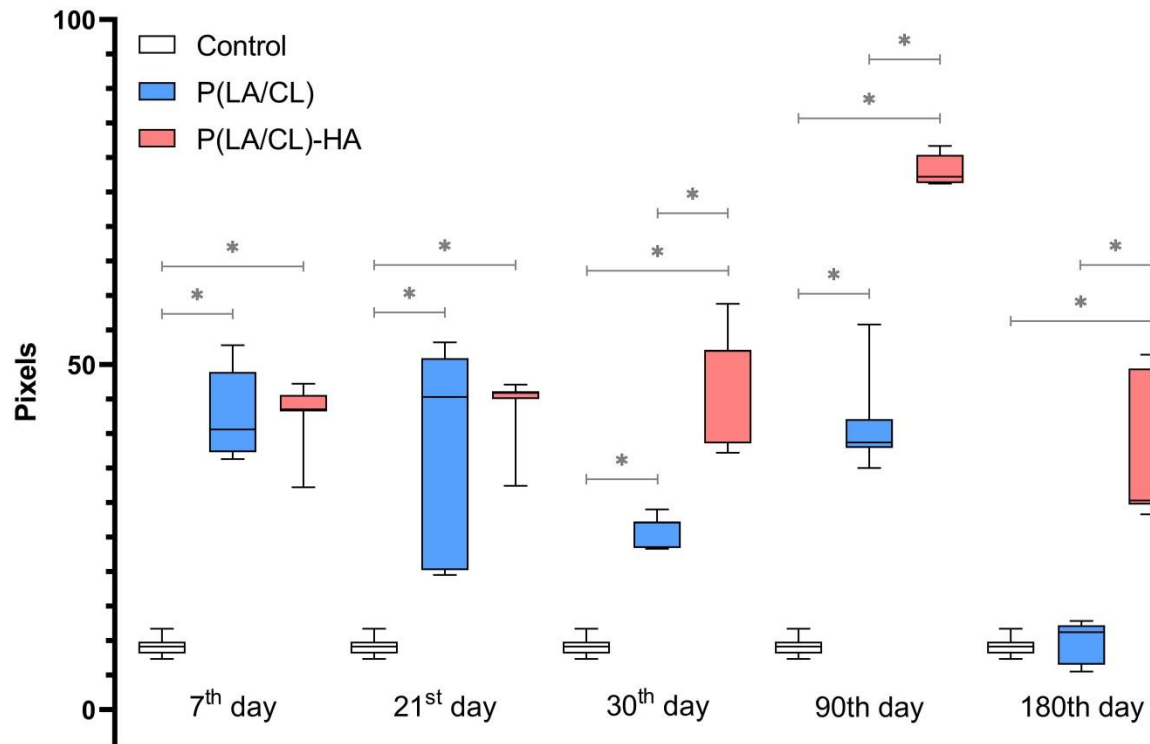
Supplementary Figure S5. A series of box plots graphically illustrates data pertaining to fibrocyte counts for three distinct groups, namely, the control, P(LA/CL), and P(LA/CL)-HA groups, at five time points during the postimplantation period. These plots provide a five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all expressed in counts. This visual representation offers a detailed analysis of the variability and distribution of fibrocyte counts within each group over time, effectively summarizing the central tendencies and dispersion of the data. The results with a p -value less than 0.05 were deemed statistically significant ($* 0.01 \leq p < 0.05$), and a p -value ranging from 0.05 to 0.1 (#) indicated a potential trend toward significance, suggesting that definitive significance could be reached with a larger dataset.



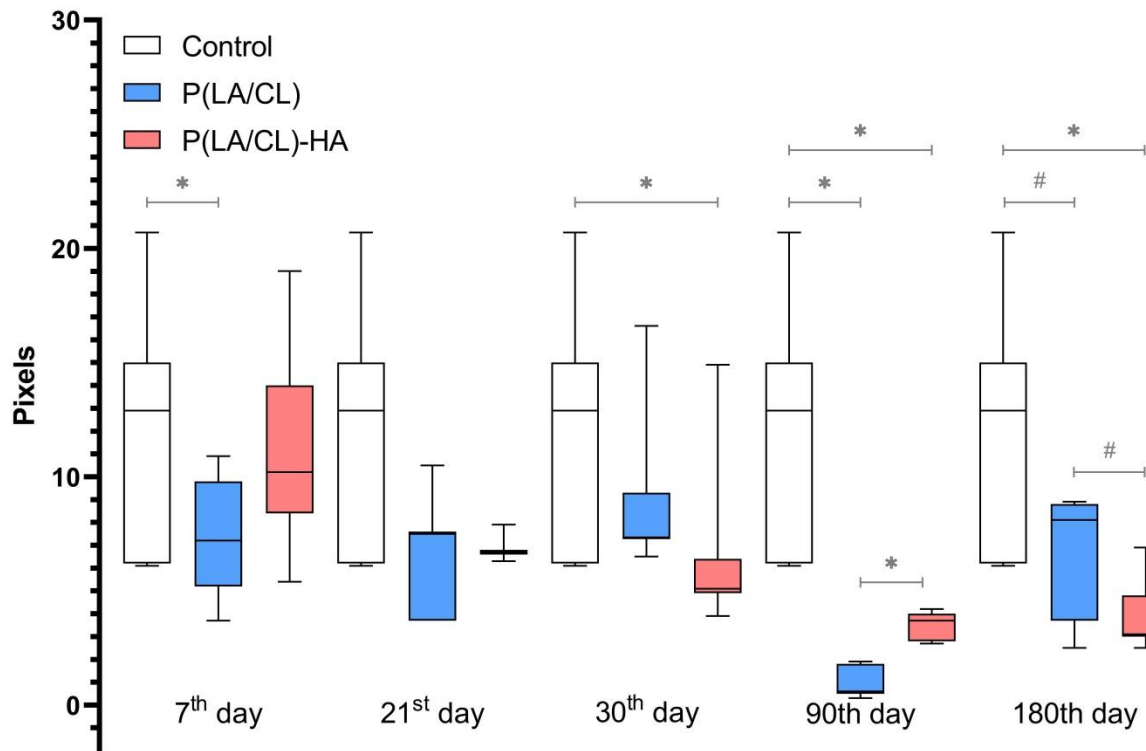
Supplementary Figure S6. A series of box plots methodically illustrates data on collagen density for two distinct groups: P(LA/CL) and P(LA/CL)-HA, across five time points during the postimplantation period. These plots provide a comprehensive five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, each quantified in pixels. This graphical representation provides an exhaustive analysis of the variability and distribution of collagen density within each group over time, effectively delineating the central tendencies and dispersion of the data. The results that achieved a p -value of less than 0.05 were considered statistically significant (* for $0.01 \leq p < 0.05$).



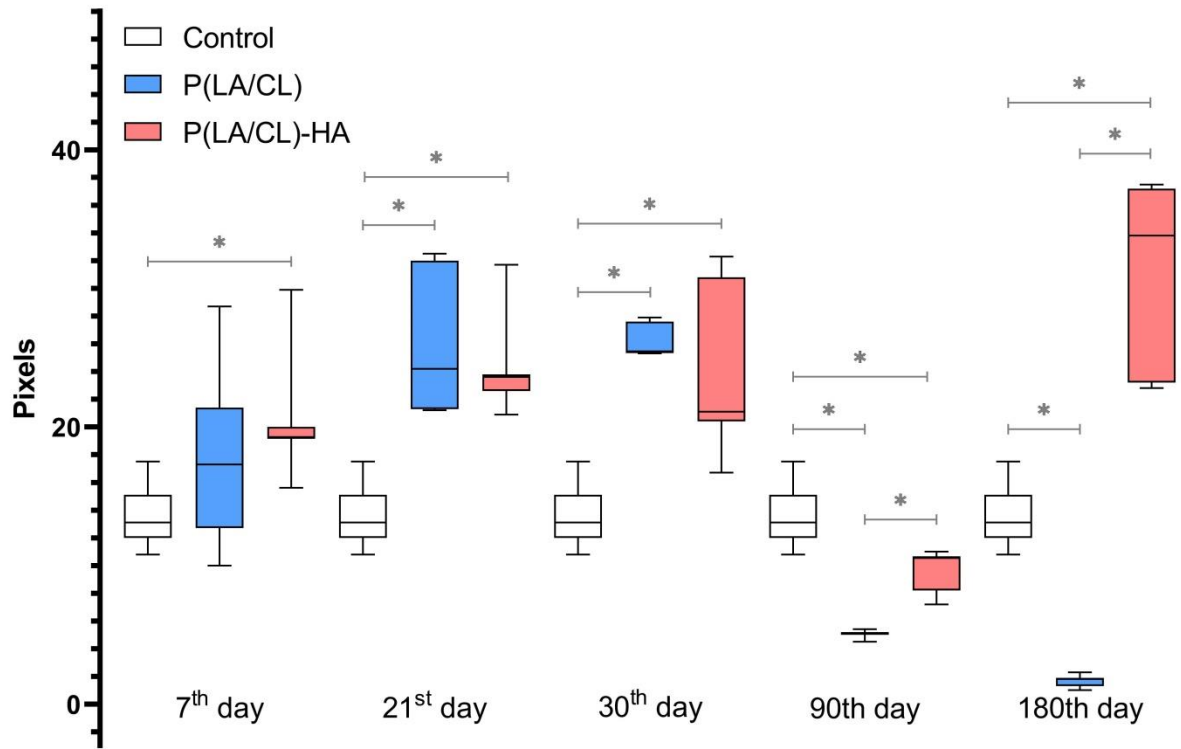
Supplementary Figure S7. A series of box plots methodically presents data concerning the density of type I collagen in the dermis for three distinct groups, namely, the control, P(LA/CL), and P(LA/CL)-HA groups, across five time points during the postimplantation period. These plots provide a summary of five numbers: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all of which are quantified in pixels. This graphical depiction provides an exhaustive analysis of the variability and distribution of type I collagen density in the dermis within each group over time, effectively capturing the central tendencies and variability of the data. The results that yielded a p -value of less than 0.05 were considered statistically significant (* for $0.01 \leq p < 0.05$), and a p -value ranging from 0.05 to 0.1 (#) suggested a potential trend toward significance, implying that conclusive significance could be achieved with an expanded sample size.



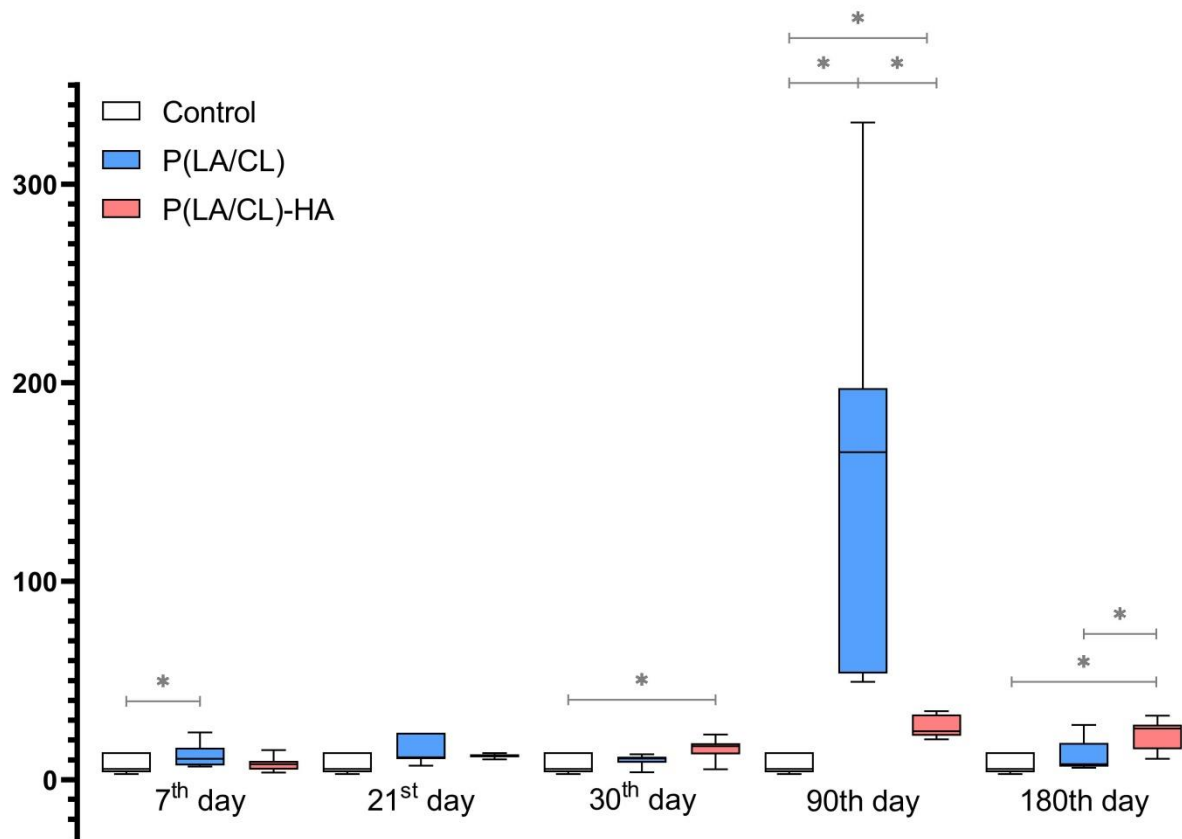
Supplementary Figure S8. A series of box plots were generated to visualize data related to the density of type I collagen in the hypodermis for three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups at five time points during the postimplantation period. These plots offer a five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, each measured in pixels. This visual representation provides a comprehensive analysis of the variability and distribution of type I collagen density in the hypodermis for each group over time, effectively summarizing the central tendencies and variations in the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$).



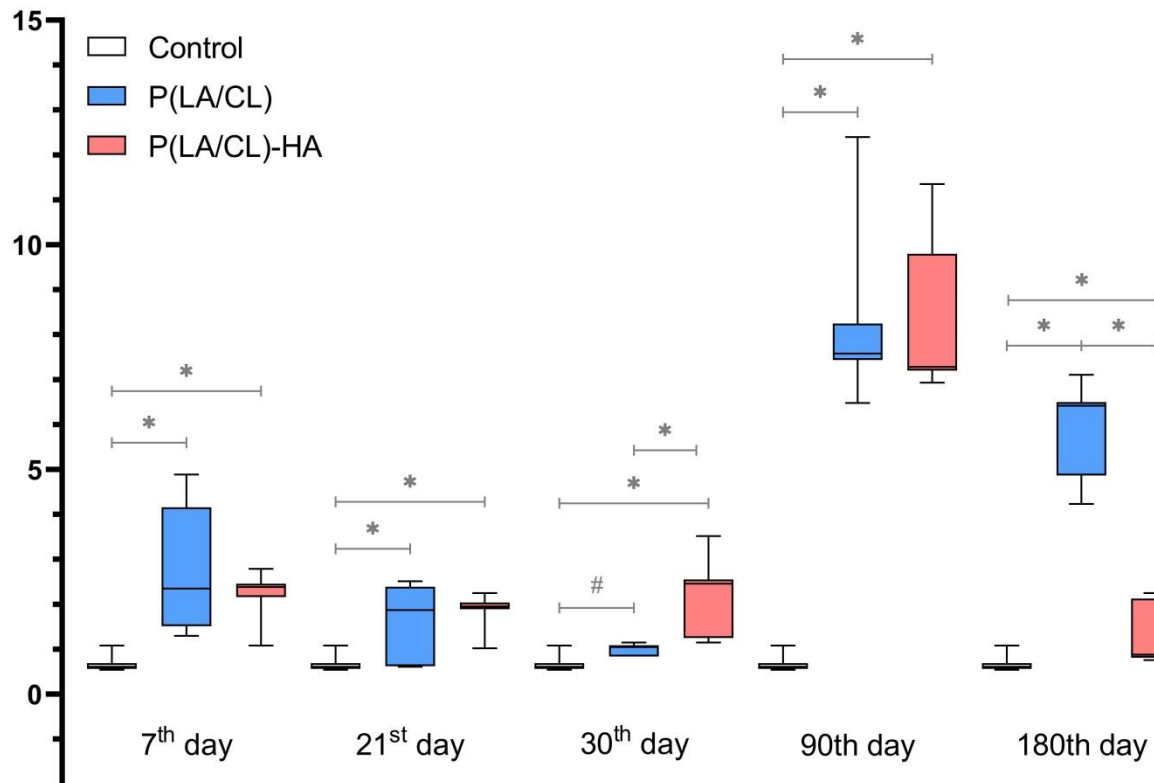
Supplementary Figure S9. A series of box plots rigorously displays data pertaining to the density of type III collagen in the dermis for three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups at five sequential time points during the postimplantation period. These plots provide a detailed five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all of which are quantified in pixels. This visual representation offers a thorough analysis of the variability and distribution of type III collagen density in the dermis across each group over time, efficiently delineating the central tendencies and fluctuations in the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), whereas a p -value ranging from 0.05 to 0.1 (#) suggested a potential trend toward significance, implying that further significance could be achieved with an increased sample size.



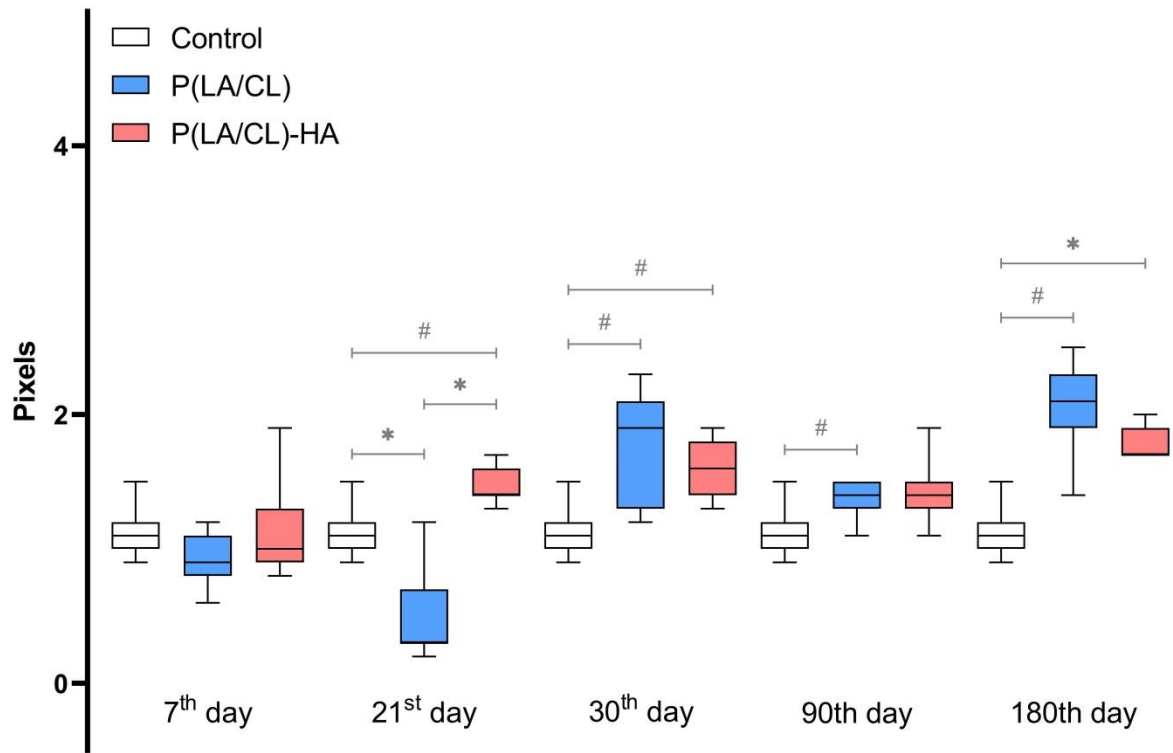
Supplementary Figure S10. A series of box plots methodically illustrates data on the density of type III collagen in the hypodermis for three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups, which were captured at five distinct time points during the postimplantation period. These plots generate a five-point summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all of which are quantified in pixels. This graphical illustration provides a detailed examination of the variability and distribution of type III collagen density in the hypodermis across each group over time, effectively encapsulating the central tendencies and range of the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$).



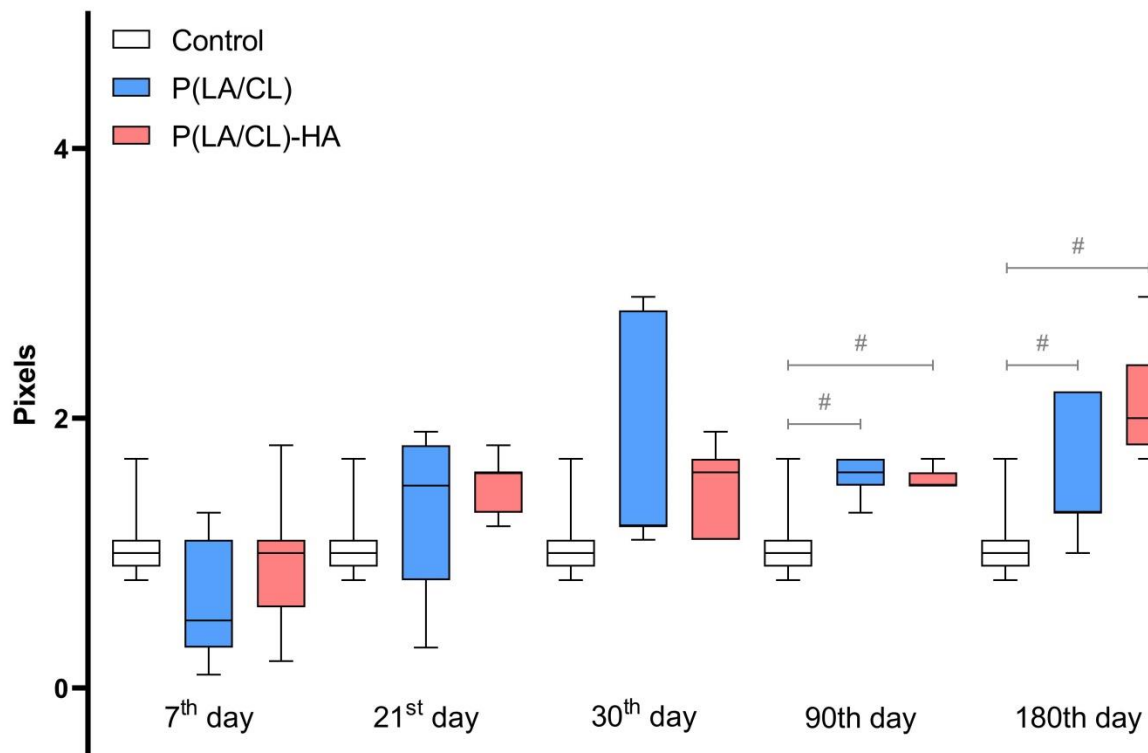
Supplementary Figure S11. A series of box plots rigorously delineates data concerning the ratio of type I to type III collagen in the dermis for three distinct groups, namely, the control, P(LA/CL), and P(LA/CL)-HA groups, recorded at five time points during the postimplantation period. These plots present a comprehensive five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum. This graphical depiction meticulously analyses the variability and distribution of the type I/III collagen ratio in the dermis among each group over time, effectively capturing the central tendencies and variability of the data. The results with a p -value less than 0.05 were deemed statistically significant (* for $0.01 \leq p < 0.05$).



Supplementary Figure S12. A series of box plots were generated to visualize the ratios of type I to type III collagen in the hypodermis across three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups at five sequential time points during the postimplantation period. These plots provide a detailed five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum. This graphical representation offers an exhaustive examination of the variability and distribution of the type I/III collagen ratio in the hypodermis for each group over time, effectively encapsulating the central tendencies and dispersion of the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), and a tendency toward a significant difference was suggested for $0.05 < p < 0.1$ (#), indicating that significance might be established with an increased number of samples analysed.



Supplementary Figure S13. A series of box plots methodically presents data concerning the density of elastin in the dermis for three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups, which were captured at five consecutive time points during the postimplantation period. These plots provide a comprehensive five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, each measured in pixels. This graphical depiction provides an in-depth examination of the variability and distribution of elastin density in the dermis for each group over time, effectively summarizing the central tendencies and variability of the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), whereas a p -value ranging from 0.05 to 0.1 (#) suggested a potential trend toward significance, implying that further significance could be achieved with an increased sample size.



Supplementary Figure S14. A series of box plots visually depicts data on the density of elastin in the hypodermis for three distinct groups: the control, P(LA/CL), and P(LA/CL)-HA groups at five time points during the postimplantation period. These plots provide a five-number summary: minimum, first quartile (Q1), median, third quartile (Q3), and maximum, all measured in pixels. This graphical representation affords a detailed analysis of the variability and distribution of the density of elastin in the hypodermis within each group over time, effectively summarizing the central tendencies and dispersion of the data. The results were considered statistically significant at $p < 0.05$ (* for $0.01 \leq p < 0.05$), whereas a p -value ranging from 0.05 to 0.1 (#) suggested a potential trend toward significance, implying that further significance could be achieved with an increased sample size.

2. Supplementary tables.

Supplementary Table S1. Descriptive Statistics for P(LA/CL) on Each Studied Day and Across All Days Combined.

Days	M±SD	Me [25%;75%]	Min	Max
Dermal Thickness, microns				
All days	2213,48±100,80	2247,12 [1846,62;2574,10]	1284,74	3228,39

Days	M±SD	Me [25%;75%]	Min	Max
7 th day	1767,68±180,31	1846,62 [1458,76;1949,18]	1284,74	2299,12
21 st day	1801,08±49,71	1814,68 [1811,65;1829,92]	1621,47	1927,69
30 th day	2307,93±35,35	2283,86 [2248,69;2374,98]	2225,86	2406,25
90 th day	2557,13±298,03	2597,79 [1897,22;3197,22]	1865,01	3228,39
180 th day	2633,57±108,21	2683,68 [2574,10;2816,01]	2247,12	2846,95
Thickness of the Fibrous Sheath, microns				
All days	71,09±5,70	64,03 [52,01;74,63]	22,58	131,31
7 th day	50,26±4,46	46,80 [44,38;59,94]	38,74	61,42
21 st day	66,53±3,15	69,37 [59,87;70,32]	58,44	74,63
30 th day	47,42±6,79	50,08 [48,39;52,01]	22,58	64,03
90 th day	108,31±11,78	112,53 [98,69;130,99]	68,05	131,31
180 th day	82,93±11,14	71,04 [65,32;106,50]	58,87	112,90
Diameter of Blood Vessels, microns				
All days	131,72±13,03	116,89 [95,26;163,25]	54,93	335,55
7 th day	122,30±26,56	100,21 [96,52;150,10]	54,93	209,76
21 st day	141,44±8,40	133,91 [131,16;143,58]	125,62	172,95
30 th day	69,55±6,92	66,50 [58,15;70,75]	57,07	95,26
90 th day	176,91±45,35	116,89 [114,55;221,34]	96,24	335,55
180 th day	148,42±24,96	163,25 [105,67;196,38]	75,51	201,27
Relative Vascular Bed Area, %				
All days	8,91±0,62	9,00 [7,75;10,70]	3,75	14,60
7 th day	6,98±1,08	8,10 [5,15;8,45]	3,75	9,45
21 st day	5,26±0,68	5,15 [4,15;5,30]	3,95	7,75
30 th day	9,34±0,40	9,00 [9,00;10,10]	8,20	10,40
90 th day	12,50±0,72	12,90 [11,10;13,20]	10,70	14,60
180 th day	10,48±1,11	9,65 [8,45;12,75]	8,10	13,45
Fibrocytes, count				
All days	9232,92±857,29	8390,00 [6336,00;12329,00]	3938,00	19349,00
7 th day	5753,60±548,36	6336,00 [4795,00;6678,00]	4110,00	6849,00
21 st day	7602,80±1469,50	6678,00 [5137,00;8562,00]	4795,00	12842,00
30 th day	15822,00±1122,23	15925,00 [15240,00;16267,00]	12329,00	19349,00
90 th day	7842,20±1276,13	8390,00 [5993,00;10274,00]	3938,00	10616,00
180 th day	9144,00±1292,26	9589,00 [6507,00;9932,00]	6336,00	13356,00
Collagen Density, pixels				
All days	132,86±13,42	145,32 [139,22;146,86]	79,90	153,00
Density of Type I Collagen in the Dermis, pixels				
All days	79,43±2,59	81,40 [70,50;87,30]	52,20	99,30
7 th day	77,76±3,38	75,30 [71,70;83,60]	70,50	87,70

Days	M±SD	Me [25%;75%]	Min	Max
21 st day	82,34±2,49	81,90 [81,60;87,20]	73,70	87,30
30 th day	77,50±3,86	81,30 [79,10;81,40]	62,30	83,40
90 th day	97,36±1,09	98,60 [96,40;99,00]	93,50	99,30
180 th day	62,20±3,15	63,10 [58,40;68,50]	52,20	68,80
Density of Type I Collagen in the Hypodermis, pixels				
All days	31,71±3,06	35,00 [20,20;42,10]	5,50	55,80
7 th day	43,18±3,27	40,60 [37,30;48,90]	36,30	52,80
21 st day	37,82±7,45	45,30 [20,20;50,90]	19,50	53,20
30 th day	26,00±1,13	27,10 [23,40;27,20]	23,30	29,00
90 th day	41,90±3,65	38,70 [37,90;42,10]	35,00	55,80
180 th day	9,64±1,52	11,20 [6,50;12,20]	5,50	12,80
Density of Type III Collagen in the Dermis, pixels				
All days	6,16±0,79	7,20 [3,70;8,80]	0,30	16,60
7 th day	7,36±1,35	7,20 [5,20;9,80]	3,70	10,90
21 st day	6,60±1,30	7,50 [3,70;7,60]	3,70	10,50
30 th day	9,40±1,86	7,30 [7,30;9,30]	6,50	16,60
90 th day	1,02±0,34	0,60 [0,50;1,80]	0,30	1,90
180 th day	6,40±1,37	8,10 [3,70;8,80]	2,50	8,90
Density of Type III Collagen in the Hypodermis, pixels				
All days	15,56±2,27	17,30 [5,00;25,40]	1,00	32,50
7 th day	18,56±3,48	17,30 [12,70;24,10]	10,00	28,70
21 st day	26,24±2,51	24,20 [21,30;32,00]	21,20	32,50
30 th day	26,32±0,59	25,40 [25,40;27,60]	25,30	27,90
90 th day	5,04±0,15	5,10 [5,00;5,20]	4,50	5,40
180 th day	1,66±0,23	1,80 [1,30;1,90]	1,00	2,30
Ratio of Type I/III Collagen in the Dermis				
All days	41,98±15,33	11,15 [7,79;23,71]	3,75	331,00
7 th day	12,80±3,20	10,46 [7,19;16,08]	6,58	23,71
21 st day	15,17±3,50	10,88 [10,78;23,57]	7,02	23,59
30 th day	9,48±1,59	11,14 [8,51;11,15]	3,75	12,83
90 th day	159,19±52,08	165,00 [53,56;197,20]	49,21	331,00
180 th day	13,26±4,24	7,79 [6,56;18,51]	5,93	27,52
Ratio of Type I/III Collagen in the Hypodermis				
All days	3,94±0,63	2,51 [1,15;6,48]	0,61	12,40
7 th day	2,84±0,72	2,35 [1,51;4,16]	1,30	4,89
21 st day	1,60±0,42	1,87 [0,62;2,39]	0,61	2,51
30 th day	0,99±0,06	1,07 [0,84;1,07]	0,84	1,15
90 th day	8,43±1,03	7,58 [7,44;8,25]	6,48	12,40

Days	M±SD	Me [25%;75%]	Min	Max
180 th day	5,83±0,54	6,42 [4,87;6,50]	4,23	7,11
Density of Elastin in the Dermis, pixels				
All days	1,32±0,13	1,30 [0,90;1,90]	0,20	2,50
7 th day	0,92±0,11	0,90 [0,80;1,10]	0,60	1,20
21 st day	0,54±0,19	0,30 [0,30;0,70]	0,20	1,20
30 th day	1,76±0,22	1,90 [1,30;2,10]	1,20	2,30
90 th day	1,36±0,07	1,40 [1,30;1,50]	1,10	1,50
180 th day	2,04±0,19	2,10 [1,90;2,30]	1,40	2,50
Density of Elastin in the Hypoermis, pixels				
All days	1,37±0,14	1,30 [1,00;1,70]	0,10	2,90
7 th day	0,66±0,23	0,50 [0,30;1,10]	0,10	1,30
21 st day	1,26±0,31	1,50 [0,80;1,80]	0,30	1,90
30 th day	1,78±0,44	1,20 [1,10;2,80]	0,90	2,90
90 th day	1,56±0,07	1,60 [1,50;1,70]	1,30	1,70
180 th day	1,60±0,25	1,30 [1,30;2,20]	1,00	2,20

Supplementary Table S2. Descriptive Statistics for P(LA/CL)-HA on Each Studied Day and Across All Days Combined.

Days	M±SD	Me [25%;75%]	Min	Max
Dermal Thickness, microns				
All days	2224,19±139,66	2291,30 [1694,34;2783,01]	871,18	3415,64
7 th day	1389,06±168,33	1326,79 [1240,45;1694,34]	871,18	1812,54
21 st day	1615,90±117,35	1547,48 [1421,23;1838,80]	1334,04	1937,94
30 th day	2451,81±151,96	2291,30 [2217,14;2613,92]	2163,65	2973,04
90 th day	2619,65±93,86	2640,25 [2516,76;2783,01]	2319,11	2839,12
180 th day	3044,56±154,96	3094,64 [2965,29;3244,64]	2502,57	3415,64
Thickness of the Fibrous Sheath, microns				
All days	72,81±7,32	61,42 [45,62;101,04]	29,43	167,06
7 th day	35,39±2,91	33,91 [30,69;37,24]	29,43	45,68
21 st day	52,58±3,51	47,96 [47,02;60,86]	45,65	61,42
30 th day	96,48±4,22	101,04 [88,71;103,15]	84,15	105,33
90 th day	56,03±9,40	45,62 [41,94;73,86]	35,70	83,03
180 th day	123,58±13,21	117,73 [113,09;133,36]	86,68	167,06
Diameter of Blood Vessels, microns				
All days	130,89±17,17	106,23 [73,63;175,50]	40,32	435,79
7 th day	103,01±37,74	71,42 [49,24;107,38]	40,32	246,71
21 st day	113,82±20,01	106,61 [87,42;143,58]	59,35	172,16

Days	M±SD	Me [25%;75%]	Min	Max
30 th day	175,29±70,83	75,41 [73,63;217,98]	73,63	435,79
90 th day	137,33±24,48	152,47 [106,23;179,03]	58,44	190,49
180 th day	124,98±25,06	103,88 [81,22;175,50]	70,75	193,55
Relative Vascular Bed Area, %				
All days	9,80±0,75	8,30 [6,91;13,70]	4,69	16,30
7 th day	7,55±0,35	7,71 [6,91;8,26]	6,57	8,29
21 st day	5,99±0,40	6,11 [5,66;6,34]	4,69	7,14
30 th day	10,54±1,85	10,00 [7,40;13,70]	5,90	15,70
90 th day	13,30±1,23	13,70 [13,00;14,60]	8,90	16,30
180 th day	11,60±1,61	9,60 [9,10;15,20]	8,30	15,80
Fibrocytes, count				
All days	8068,60±853,27	6336,00 [5651,00;9247,00]	2740,00	18836,00
7 th day	5822,20±456,23	5651,00 [4966,00;6507,00]	4795,00	7192,00
21 st day	6061,80±245,82	5822,00 [5822,00;5993,00]	5651,00	7021,00
30 th day	15342,60±1685,28	16610,00 [12329,00;18493,00]	10445,00	18836,00
90 th day	7808,20±934,13	7192,00 [6507,00;9247,00]	5479,00	10616,00
180 th day	5308,20±665,33	5993,00 [5308,00;6164,00]	2740,00	6336,00
Collagen Density, pixels				
All days	160,27±5,78	155,86 [150,72;163,86]	149,78	181,14
Density of Type I Collagen in the Dermis, pixels				
All days	81,80±1,35	80,70 [79,20;86,20]	66,50	93,20
7 th day	75,26±2,89	79,20 [70,20;79,80]	66,50	80,60
21 st day	81,18±0,81	80,70 [80,50;81,10]	79,40	84,20
30 th day	84,82±2,28	86,20 [82,20;88,80]	77,30	89,60
90 th day	89,78±1,45	90,40 [88,30;92,00]	85,00	93,20
180 th day	77,94±2,44	77,00 [73,60;80,60]	72,60	85,90
Density of Type I Collagen in the Hypodermis, pixels				
All days	49,91±3,29	46,00 [38,60;52,10]	28,30	81,70
7 th day	42,34±2,64	43,50 [43,20;45,60]	32,20	47,20
21 st day	43,30±2,75	46,00 [45,00;46,00]	32,40	47,10
30 th day	47,74±4,21	52,00 [38,60;52,10]	37,20	58,80
90 th day	78,36±1,13	77,20 [76,30;80,40]	76,20	81,70
180 th day	37,82±5,16	30,30 [29,70;49,40]	28,30	51,40
Density of Type III Collagen in the Dermis, pixels				
All days	6,57±0,82	5,40 [3,90;6,90]	2,50	19,00
7 th day	11,40±2,36	10,20 [8,40;14,00]	5,40	19,00
21 st day	6,86±0,27	6,70 [6,60;6,80]	6,30	7,90
30 th day	7,04±2,00	5,10 [4,90;6,40]	3,90	14,90

Days	M±SD	Me [25%;75%]	Min	Max
90 th day	3,48±0,31	3,70 [2,80;4,00]	2,70	4,20
180 th day	4,06±0,81	3,10 [3,00;4,80]	2,50	6,90
Density of Type III Collagen in the Hypodermis, pixels				
All days	22,00±1,75	21,10 [16,70;29,90]	7,20	37,50
7 th day	20,78±2,40	19,20 [19,20;20,00]	15,60	29,90
21 st day	24,52±1,87	23,60 [22,60;23,80]	20,90	31,70
30 th day	24,26±3,08	21,10 [20,40;30,80]	16,70	32,30
90 th day	9,52±0,76	10,60 [8,20;10,60]	7,20	11,00
180 th day	30,90±3,29	33,80 [23,20;37,20]	22,80	37,50
Ratio of Type I/III Collagen in the Dermis				
All days	16,87±1,79	14,93 [10,52;22,77]	3,50	34,52
7 th day	8,14±1,99	7,82 [5,01;9,43]	3,50	14,93
21 st day	11,91±0,51	11,93 [11,85;12,23]	10,19	13,37
30 th day	15,20±2,96	16,90 [12,84;18,29]	5,19	22,77
90 th day	26,83±2,89	24,43 [22,08;32,86]	20,24	34,52
180 th day	22,29±4,04	25,67 [15,33;27,71]	10,52	32,24
Ratio of Type I/III Collagen in the Hypoermis				
All days	3,21±0,58	2,25 [1,25;2,79]	0,76	11,35
7 th day	2,17±0,29	2,38 [2,16;2,46]	1,08	2,79
21 st day	1,83±0,21	1,95 [1,89;2,04]	1,02	2,25
30 th day	2,19±0,44	2,46 [1,25;2,55]	1,15	3,52
90 th day	8,51±0,88	7,28 [7,20;9,80]	6,93	11,35
180 th day	1,37±0,34	0,88 [0,81;2,13]	0,76	2,25
Density of Elastin in the Dermis, pixels				
All days	1,50±0,07	1,50 [1,30;1,70]	0,80	2,00
7 th day	1,18±0,20	1,00 [0,90;1,30]	0,80	1,90
21 st day	1,48±0,07	1,40 [1,40;1,60]	1,30	1,70
30 th day	1,60±0,11	1,60 [1,40;1,80]	1,30	1,90
90 th day	1,44±0,13	1,40 [1,30;1,50]	1,10	1,90
180 th day	1,80±0,06	1,70 [1,70;1,90]	1,70	2,00
Density of Elastin in the Hypodermis, pixels				
All days	1,53±0,11	1,60 [1,20;1,80]	0,20	2,90
7 th day	0,94±0,27	1,00 [0,60;1,10]	0,20	1,80
21 st day	1,50±0,11	1,60 [1,30;1,60]	1,20	1,80
30 th day	1,48±0,16	1,60 [1,10;1,70]	1,10	1,90
90 th day	1,56±0,04	1,50 [1,50;1,60]	1,50	1,70
180 th day	2,16±0,22	2,00 [1,80;2,40]	1,70	2,90

Supplementary Table S3. Descriptive Statistics for the Control Samples on Each Studied Day and
Across All Days Combined.

Indicators	M±SD	Me [25%;75%]	Min	Max
Dermal Thickness, microns	1981,14±89,64	1995,13 [1947,83;2080,66]	1670,60	2211,46
Diameter of Blood Vessels, microns	70,70±11,85	74,35 [58,15;81,62]	34,21	105,15
Relative Vascular Bed Area, %	5,19±1,26	5,23 [2,73;6,50]	2,30	9,17
Fibrocytes, count	4281,00±678,60	4795,00 [4281,00;4966,00]	1712,00	5651,00
Density of Type I Collagen in the Dermis, pixels	71,12±6,22	70,30 [58,30;84,50]	56,60	85,90
Density of Type I Collagen in the Hypodermis, pixels	9,20±0,76	9,10 [8,10;9,80]	7,30	11,70
Density of Type III Collagen in the Dermis, pixels	12,18±2,77	12,90 [6,20;15,00]	6,10	20,70
Density of Type III Collagen in the Hypodermis, pixels	13,70±1,18	13,10 [12,00;15,10]	10,80	17,50
Ratio of Type I/III Collagen in the Dermis	7,95±2,45	5,45 [3,77;13,85]	2,82	13,85
Ratio of Type I/III Collagen in the Hypodermis	0,70±0,10	0,61 [0,56;0,69]	0,54	1,08
Density of Elastin in the Dermis, pixels	1,14±0,10	1,10 [1,00;1,20]	0,90	1,50
Density of Elastin in the Hypodermis, pixels	1,10±0,16	1,00 [0,90;1,10]	0,80	1,70