

ROI	A	B	C
1	44.96±3.80	18.30±7.25	31.19±15.67
2	63.11±24.17	20.47±8.57	30.40±18.22
3	37.34±24.99	42.11±16.20	34.13±21.59
4	68.73±32.52	20.54±7.51	29.73±17.84
5	30.81±15.49	39.99±12.50	33.75±19.42
6	27.13±17.27	23.55±12.08	50.55±25.45
7	29.93±16.16	20.94±8.70	57.28±27.29
8	27.17±12.03	42.85±20.44	42.25±27.53
9	28.91±17.44	20.07±9.03	31.82±17.34
10	31.82±17.34	37.84±7.42	28.91±17.46

Table 1: PSR image analysis of collagen alignment under PLM of superficial (A) middle (B) and deep (C) zone in newly assembled ECM.

ROI	A	B	C
1	56.53±34.40	42.98±35.50	75.79±47.48
2	64.63±26.97	19.95±8.22	68.68±36.11
3	48.24±42.53	42.54±47.26	82.45±62.83
4	48.25±25.73	22.76±12.29	63.33±50.56
5	27.60±24.82	31.00±31.40	60.45±38.16
6	30.27±13.90	37.79±14.58	72.12±62.41
7	49.83±35.47	32.14±38.25	109.35±60.52
8	25.20±8.59	23.13±9.95	51.78±47.97
9	19.93±23.38	32.09±30,70	75.59±39.83
10	30.68±10.56	21.67±12.23	77.37±44.79

Table 2: PSR image analysis of collagen alignment under PLM of superficial (A) middle (B) and deep (C) zone in articular cartilage.