

	Week-1			Week-2			Week-6			Week-10		
	TBP1901	Saline	P-value	TBP1901	Saline	P-value	TBP1901	Saline	P-value	TBP1901	Saline	P-value
Tibia of tibiofemoral joint												
Inflammation score (Median, IQR)	4.00, 0.75	5.00, 0.75	0.007	3.50, 1.00	5.50, 1.00	<0.001	2.00, 1.00	2.50, 1.00	1.000	2.00, 0.00	2.00, 1.00	0.200
OARSI score (Median, IQR)	8.50, 8.00	10.50, 10.50	0.715	5.00, 11.00	8.50, 8.25	0.857	12.00, 3.00	10.50, 3.75	0.582	9.00, 5.25	16.00, 6.00	0.014
Modified Mankin score (Median, IQR)	5.00, 4.75	7.00, 5.00	0.156	5.00, 2.75	5.00, 1.75	1.000	6.00,0.75	5.50, 1.75	0.608	4.00, 2.00	6.00, 0.00	<0.001
Minimum intensity of typeI Collagen (Mean, 95%CI)	16.63, 10.52-22.73	19.25, 14.10-24.40	0.451	38.38, 15.49-61.26	27.50, 12.29-42.71	0.368	24.00, 14.07-33.93	16.00, 4.38-27.62	0.237	32.88, 20.53-45.22	28.50, 16.79-40.21	0.553
Mean intensity of typeII Collagen (Mean, 95%CI)	99.04, 94.12-103.95	97.97, 91.02-104.92	0.772	107.42, 97.34-117.51	106.08, 101.33-110.83	0.782	101.46, 93.32-109.60	94.46, 85.29-103.63	0.199	97.53, 93.17-101.88	105.72, 102.85-108.60	0.003
Percent of IL1β positive cells (Mean, 95%CI, %)	44.07, 26.33-61.81	50.13, 43.20-57.06	0.471	59.88, 44.62-75.14	58.98, 40.67-77.28	0.930	71.07, 54.43-87.70	75.49, 62.28-88.70	0.630	80.65, 75.87-85.43	80.62, 71.38-89.86	0.994
Percent of IL6 positive cells (Mean, 95%CI, %)	35.12, 17.85-52.40	40.58, 32.29-48.87	0.504	44.11, 35.04-53.18	43.06, 29.84-56.29	0.880	67.79, 54.83-80.75	76.09, 65.80-86.38	0.257	77.34, 68.17-86.51	74.96, 61.89-88.04	0.731
Percent of TNFα positive cells (Mean, 95%CI, %)	43.83, 30.84-56.81	48.09, 41.53-54.66	0.516	47.68, 36.77-58.59	48.05, 39.07-57.04	0.951	65.98, 56.37-75.59	79.96, 71.83-88.09	0.020	76.65, 65.78-87.53	80.30, 66.84-93.76	0.626
SB plate thickness (Mean, 95%CI, mm)	0.54, 0.49-0.59	0.56, 0.50-0.62	0.539	0.55, 0.45-0.65	0.36, 0.28-0.43	0.002	1.01, 0.88-1.14	0.79, 0.62-0.96	0.029	0.54, 0.41-0.68	0.86, 0.72-0.99	0.002
Numer of SB plate perforations (Mean, 95%CI)	0.13, -0.17-0.42	0.00, 0.00-0.00	0.351	0.63, -0.14-1.39	1.63, -0.90-4.15	0.396	4.00, 2.59-5.41	2.75, 0.57-4.93	0.277	0.88, -0.07-1.82	5.00, 3.59-6.41	<0.001
Diameter of SB plate perforations (Mean, 95%CI, mm)	0.04, -0.06-0.15	0.00, 0.00-0.00	0.351	0.12, -0.02-0.27	0.13, -0.09-0.34	0.976	0.51, 0.35-0.68	0.43, 0.23-0.63	0.453	0.16, -0.02-0.36	0.60, 0.44-0.77	0.001
BV / TV × 100 (Mean, 95%CI, %)	64.36, 61.45-67.27	64.24, 60.13-68.34	0.956	65.82, 62.25-69.39	71.12, 68.65-73.58	0.013	74.06, 72.51-75.60	69.03, 66.12-71.94	0.004	74.72, 71.40-78.03	74.67, 71.72-77.62	0.980
Oteophyte Volume (Mean, 95%CI, mm³)							0.94, 0.70-1.18	1.19, 0.87-1.50	0.164	1.16, 0.89-1.43	2.06, 1.83-2.29	<0.001
Patella of patellofemoral joint												
OARSI score (Median, IQR)	2.00, 4.50	5.00, 4.75	0.060	3.00, 4.00	2.50, 4.00	0.705	5.00, 2.00	4.00, 3.00	0.257	1.00, 3.75	8.00, 3.50	0.008
Modified Mankin score (Median, IQR)	1.50, 1.00	3.00, 1.00	0.025	3.00, 1.00	2.00, 1.00	0.337	2.00, 1.00	1.00, 0.00	0.087	3.00, 1.00	3.00, 0.00	0.518
Minimum intensity of typeI Collagen (Mean, 95%CI)	58.75, 45.81-71.69	52.25, 34.29-70.21	0.500	72.13, 52.97-91.28	50.13, 31.00-69.25	0.075	61.38, 28.68-94.07	36.13, 29.20-43.05	0.114	68.63, 57.16-80.09	52.75, 34.09-71.40	0.113
Mean intensity of typeII Collagen (Mean, 95%CI)	96.53, 89.26-103.80	95.51, 87.02-104.00	0.832	100.62, 90.33-110.91	101.80, 92.76-110.84	0.842	95.79, 91.74-99.83	97.88, 90.58-105.18	0.566	94.82, 90.57-99.08	101.35, 97.64-105.07	0.016
Percent of IL1β positive cells (Mean, 95%CI, %)	95.43, 92.92-97.93	96.80, 95.43-98.18	0.280	96.66, 94.86-98.47	95.86, 93.51-98.21	0.533	98.16, 96.50-99.82	87.75, 82.92-92.59	0.001	92.44, 87.68-97.21	93.63, 87.93-99.33	0.711
Percent of IL6 positive cells (Mean, 95%CI, %)	89.49, 86.22-92.76	90.91, 86.99-94.83	0.522	92.37, 87.80-96.94	91.75, 85.93-97.57	0.846	96.85, 95.15-98.55	87.17, 82.55-91.79	0.001	85.58, 75.54-95.62	88.38, 83.28-93.69	0.572
Percent of TNFα positive cells (Mean, 95%CI, %)	87.55, 79.26-95.85	91.52, 85.19-97.86	0.385	86.03, 73.32-98.74	84.59, 69.31-99.88	0.866	84.92, 77.38-92.47	92.60, 89.32-95.89	0.053	94.67, 91.29-98.05	91.29, 85.70-96.87	0.245