## VALIDATION OF AN OBJECTIVE, ANALYST-INDEPENDENT, NON-INVASIVE METHOD FOR ASSESSING EFFECTIVENESS OF CARTILAGE REPAIR THERAPIES IN MULTICENTER RCTS

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• High reade	r agreeme	nt and	precisio	on					
	Population		Reader Performance						
	Average	std	Intra-R RMS r1	leader RMS r2	Diff (p-Value)	Inter Re SDD	ader P	Std	су
Defect Volume (mm)	8.17	2.11	0.33	0.32	-0.31(0.042)	0.43	0.99	0.30	3.79
Defect Volume @ Above (mm)	7.71	1.55	0.25	0.33	-0.34(0.042)	0.45	0.97	0.32	4.20
Defect Articulating Surface Area (mm)	13.12	4.03	0.56	0.44	-1.41(0.000)	0.79	0.98	0.56	4.29
%Fill (%)	86%	18%	4%	8%	-%0.77(0.828)	11%	0.85	7.64%	8.9%
Average T2 (ms)	96.88	61.48	24.79	27.72	2.60(0.531)	12.64	0.98	8.94	9.2%
Average T2, @ Superficial layer of the Repair tissue (ms)	110.67	68.11	31.00	44.36	<b>9.70</b> (0.131)	18.49	0.98	13.07	11.8%
Average T2 @ BCI (ms)	86.58	59,47	20.31	15.26	7.54(0.331)	23.21	0.99	16.42	19.0%
Average T1 (ms)	395.68	72.62	22.39	27.77	-15.14(0.013)	15.54	0.98	10.99	2.8%







