Supplemental material

TABLE S1: Univariate correlations between jump heights during single-leg vertical hop test (SLVHT) at 6 months post-operatively and different parameters

	Jump height healthy leg [cm]	Jump height injured leg [cm]	Age [group]	Leg length [cm]	Height [cm]	Weight [kg]	Gender [m; f]	Injury Severity	LSI [%]
Jump height healthy leg [cm]		0.776**	-0.123	0.050	0.138	0.072	0.229**	0.069	0.055
Jump height injured leg [cm]	0.776**		-0.163	0.033	0.050	-0.025	0.101	0.001	0.630**
Age [group]	-0.123	-0.163		0.072	0.004	0.243**	-0.045	0.102	-0.104
Leg length [cm]	0.050	0.033	0.072		0.690**	0.397**	0.303**	-0.144	-0.042
Height [cm]	0.138	0.050	0.004	0.690**		0.674**	0.669**	-0.003	-0.119
Weight [kg]	0.072	-0.025	0.243**	0.397**	0.674**		0.597**	0.041	-0.116
Gender [m;f]	0.229**	0.101	-0.045	0.303**	0.669**	0.597**		0.070	-0.118
Injury severity	0.069	0.001	0.102	-0.144	-0.003	0.041	0.070		-0.086
LSI [%]	0.055	0.630**	-0.104	-0.042	-0.119	-0.116	-0.118	-0.086	

*Data is presented as R – Spearman's correlation coefficient. **: significant correlation (p≤0.01); Abbreviation: LSI, limb symmetry index; SLVHT, single-leg vertical hop test*

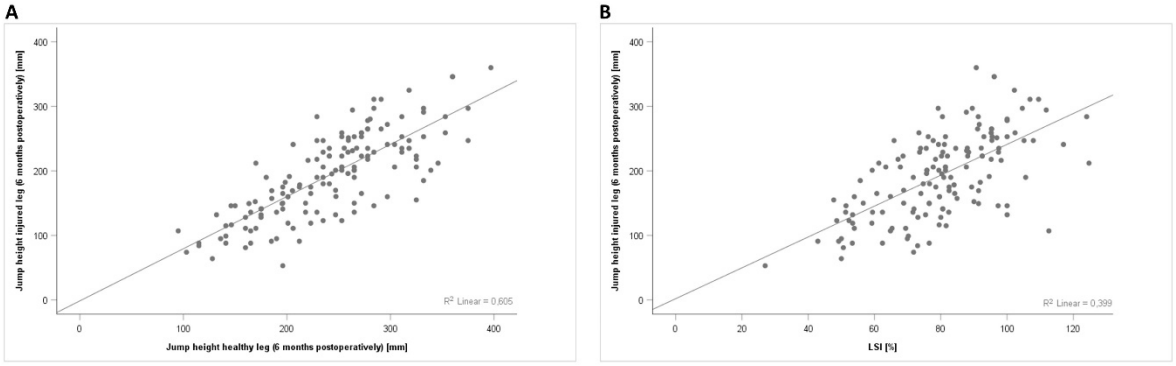

FIGURE S1: Univariate correlations between jump heights during single-leg vertical hop test (SLVHT) at 6 months post-operatively and (A) Jump Height with the healthy leg; (B) Limb Symmetry Index (LSI).

TABLE S2: Multivariate linear regression analysis for the jump height with the injured leg during single-leg vertical hop test (SLVHT) 6 months postoperatively

	β	T	p
Jump height healthy leg [cm]	0.776	51.506	<0.001
Age [group]	0.001	0.044	0.965
Leg length [cm]	-0.013	-0.566	0.572
Height [cm]	0.027	0.861	0.391
Weight [kg]	-0.031	-1,577	0.118
Gender [m;f]	-0.008	-0.356	0.723
Injury severity	-0.013	-0.867	0.388
Injured side	-0.004	-0.302	0.763
LSI [%]	0.610	40,609	<0.001
Significance (ANOVA)			<0.001

Abbreviations: LSI, limb symmetry index; SLVHT, single leg vertical hop test

TABLE S3: Stepwise multivariate linear regression analysis for the jump height with the healthy leg during single-leg vertical hop test (SLVHT)

	β	T	p
Gender [m;f]	0.201	2.287	0.024
Excluded variables:			
Age [group]	-0.138	-1.575	0.118
Leg length [cm]	-0.020	-0.211	0.833
Height [cm]	-0.064	-0.542	0.589
Weight [kg]	-0.057	-0.553	0.581
Injured side	0.053	0.597	0.552

Abbreviations: LSI, limb symmetry index; SLVHT, single leg vertical hop test