

Noraxon Advanced Jump Analysis Report



Patient
Project

Kyle

Record

Name
Date Measured
Number of periods
Jump type

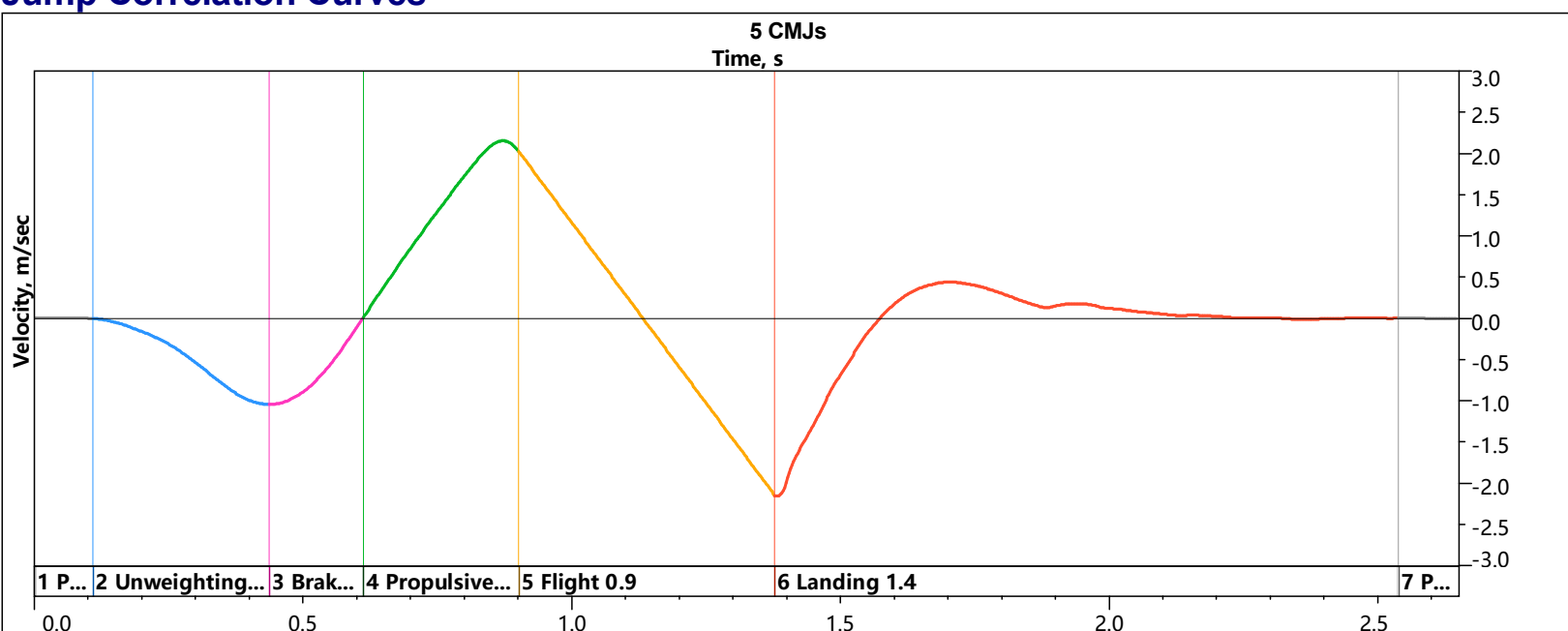
5 CMJs-8
11/5/2020 15:20
5
Countermovement Jump



Jump Parameters

Parameter	9/1	11/5
Jump Height by Net Impulse - Mean, cm	20.9	24.1
Jump Height by Net Impulse - Maximum, cm	21.8	25.1
Peak Force - Mean, N	1170.04	1101.82
Peak Force - Maximum, N	1281.53	1179.27
Peak Force left - Mean, N	692.50	622.89
Peak Force left - Maximum, N	734.69	698.87
Peak Force right - Mean, N	520.44	523.55
Peak Force right - Maximum, N	557.93	538.10
Reactive Strength Index by Net Impulse - Mean	0.30	0.27
Reactive Strength Index by Net Impulse - Maximum	0.31	0.32
Time to Stabilization - Mean, s	1.31	2.79
Time to Stabilization - Maximum, s	3.42	3.62
Kinetic Asymmetry index (eccentric phase) - Mean, %	38.5	23.1
Kinetic Asymmetry index (eccentric phase) - Maximum, %	48.5	29.7
Kinetic Asymmetry index (concentric phase) - Mean, %	17.0	13.0
Kinetic Asymmetry index (concentric phase) - Maximum, %	19.8	23.3
Body Weight - Mean, N	543	564
Body Weight - Maximum, N	543	564

Jump Correlation Curves



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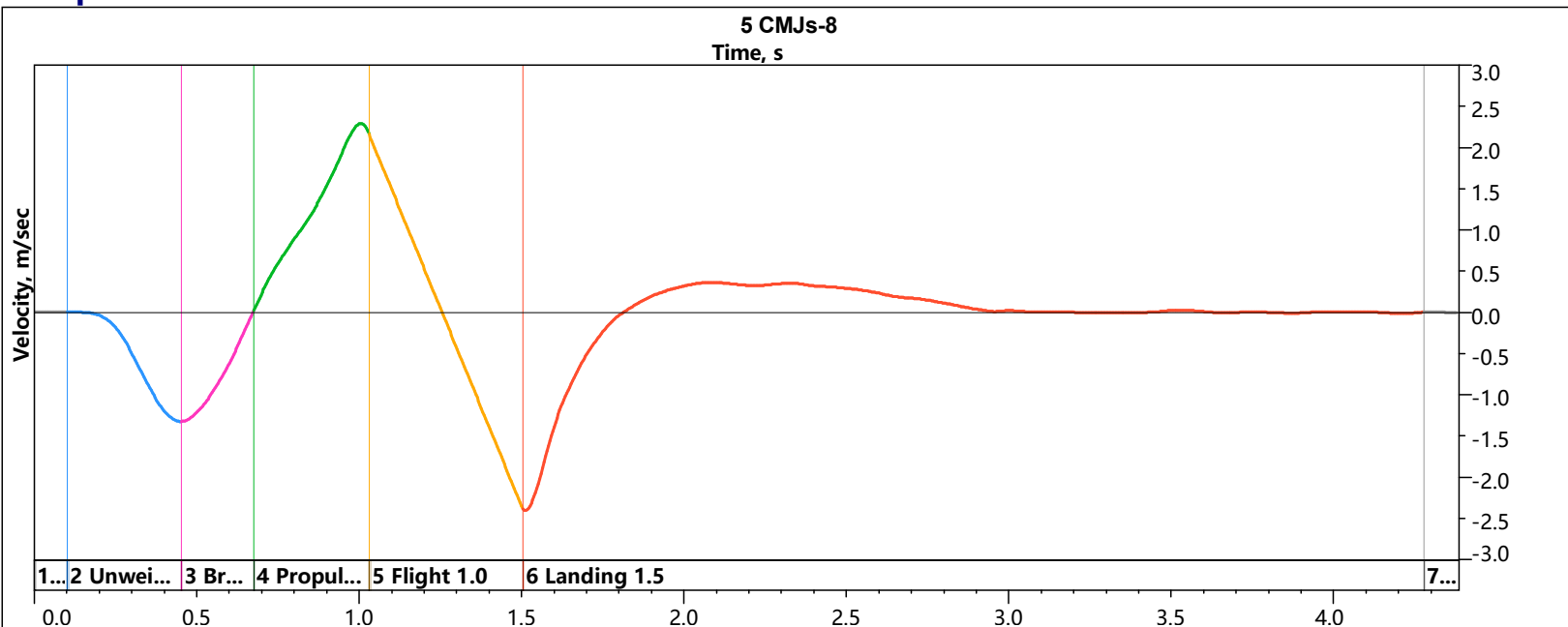
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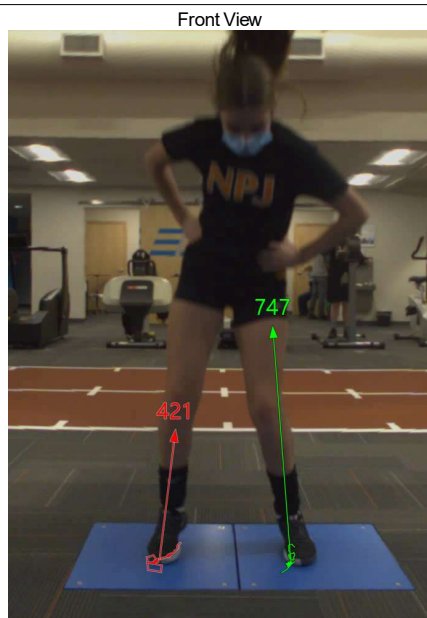


Jump Correlation Curves



Video at Landing

5 CMJs-8, Landing, Statistics



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Front View

