

BILATERAL SQUAT	MOBILITY						ALIGNMENT						LOADING STRATEGY						PAIN					
	BIOMETRICS						BIOMETRICS						LEFT LEG						LEFT					
	LEFT						LEFT						HIP						LEFT					
	% TOTAL						RIGHT						KNEE						KNEE					
	RIGHT						% TOTAL						DELTA						DELTA					
UNILATERAL SQUAT	DEPTH						TRUNK FLEX						LEFT LEG						ASYMMETRY					
	HIP						MAX WEIGHT SHIFT						RIGHT LEG						•High- R Ankle Flex 20%					
	KNEE						HIP ADDUCTION						BIOMETRICS						LEFT					
	ANKLE						FEM ROT						TRUNK FLEX						RIGHT					
	TOTAL						DYN VALGUS						SHIN FLEX						52.8"					
FRONT LUNGE	STRIDE						LAT TRUNK FLEX						LEFT LEG						PAIN					
	TRAIL HIP EXT						PELVIC OBLIQUITY						RIGHT LEG						ASYMMETRY					
	HIP						HIP ADDUCTION						•Mod- R Stride 12%						•Mod- L Trail Hip Ext 11%					
	KNEE						FEM ROT						•High- L Knee Flex 20%											
	ANKLE						DYN VALGUS																	
LATERAL LUNGE	TOTAL						TIB ROT																	
	BIOMETRICS						BIOMETRICS						LEFT LEG						PAIN					
	LEFT						LEFT						HIP						LEFT					
	% TOTAL						RIGHT						KNEE						KNEE					
	RIGHT						% TOTAL						DELTA						DELTA					
STORK STANCE	STRIDE						TRUNK FLEX						LEFT LEG						PAIN					
	TRAIL HIP ABD						PELVIC OBLIQUITY						RIGHT LEG						ASYMMETRY					
	HIP						HIP ADDUCTION						•High- L Trail Hip Abd 20%						•High- L Hip Flex 16%					
	KNEE						FEM ROT																	
	ANKLE						DYN VALGUS																	
TANDEM BALANCE	TOTAL						TIB ROT																	
	BIOMETRICS						BIOMETRICS						LEFT LEG						PAIN					
	LEFT						LEFT						HIP						LEFT					
	% TOTAL						RIGHT						KNEE						KNEE					
	RIGHT						% TOTAL						DELTA						DELTA					
STEP DOWN	DEPTH						TRUNK FLEX						LEFT LEG						PAIN					
	HIP						PELVIC OBLIQUITY						RIGHT LEG						ASYMMETRY					
	KNEE						HIP ADDUCTION						•High- R Knee Flex 36%						•High- L Ankle Flex 21%					
	ANKLE						FEM ROT						•High- R Total Flex 19%											
	TOTAL						DYN VALGUS																	

Leaders in Orthopedics, Motion Analysis Technology Announce Collaboration to Increase Quality, Availability of Wellness Support

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This emerging HSS ecosystem including the DARI platform will help set new standards in the quality and availability of musculoskeletal wellness, assessment devices, and solutions.

Louis A. Shapiro, president and CEO of HSS

Hospital for Special Surgery (HSS) and Scientific Analytics Inc. (SAI) today announced a strategic collaboration to integrate HSS knowledge with SAI technology to improve the quality and action ability of motion analysis for patients.

HSS is the world's largest academic medical center focused on musculoskeletal health, and has been ranked #1 in Orthopedics for the past nine consecutive years by U.S. News & World Report.

"This collaboration is an important new part of the musculoskeletal care ecosystem being created by HSS, to make better quality injury prevention and treatment more widely available," said **Louis A. Shapiro**, president and CEO of HSS. "SAI's state-of-the-art technology complements additions and advancements to our clinical talent, network of locations, digital offerings and education delivery."

"This emerging HSS ecosystem including the DARI platform will help set new standards in the quality and availability of musculoskeletal wellness, assessment devices, and solutions," said Shapiro.

HSS and SAI have been working together since the first DARI installation at an HSS regional location nearly two years ago. The escalated collaboration announced today will include advancements to assessment protocols and data interpretation.

"This collaboration has the potential to democratize reliable standards for musculoskeletal wellness, akin to how the thermometer changed 'it's cold' to 'it's 30 degrees'," said Todd J. Albert, surgeon-in-chief and medical director at HSS. "That would be good for everyone, and a good example of the far-reaching value of HSS knowledge."