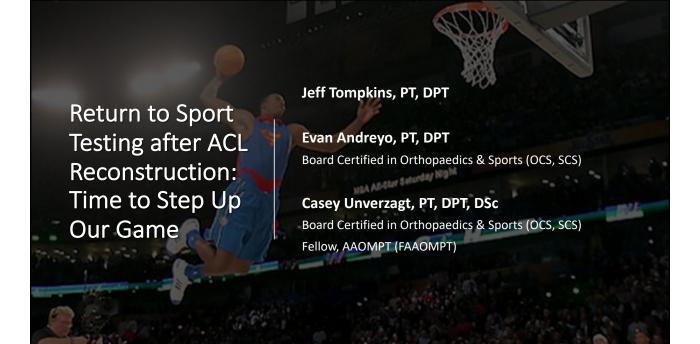
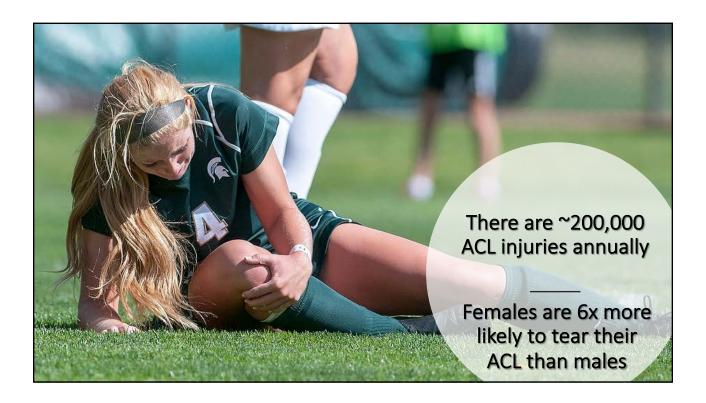
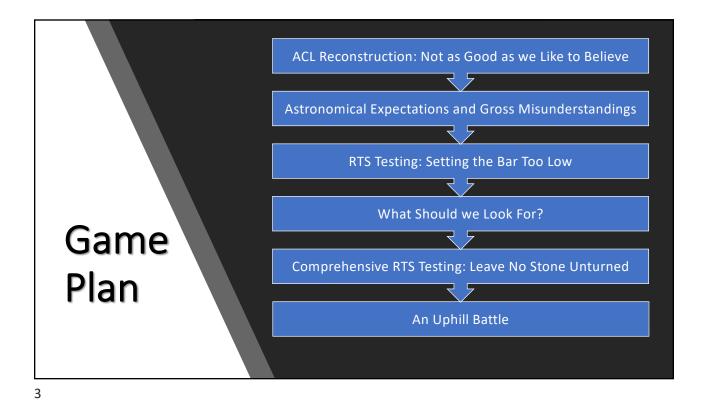
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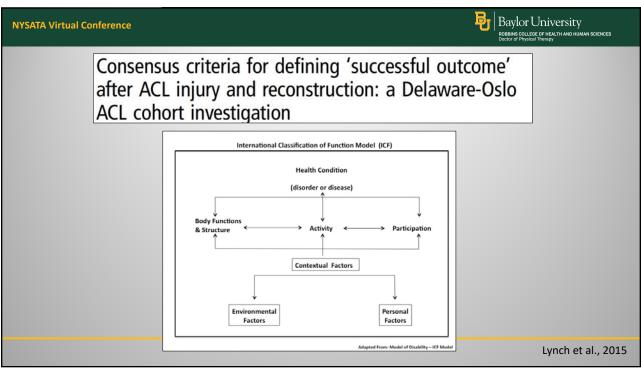


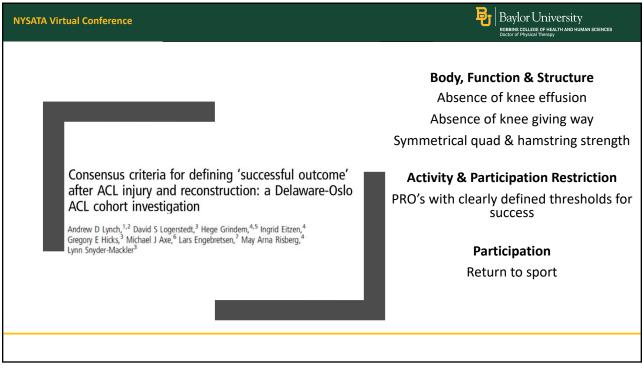


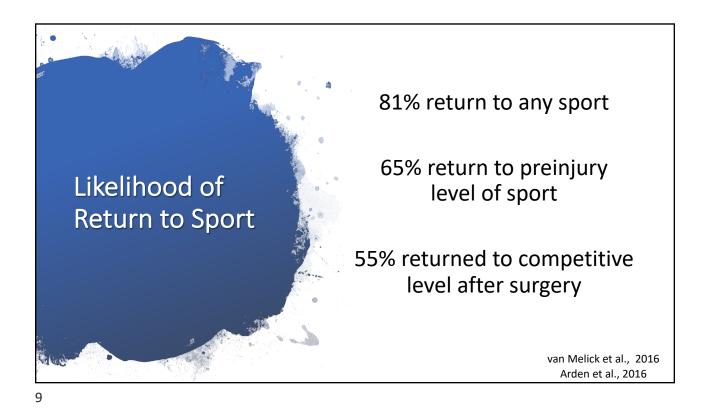












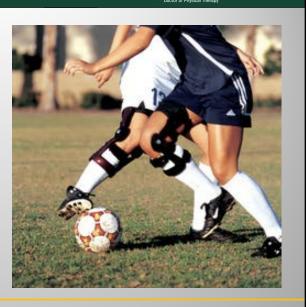
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RTS Likelihood

Men 1.4x more likely to return to preinjury sport level than women

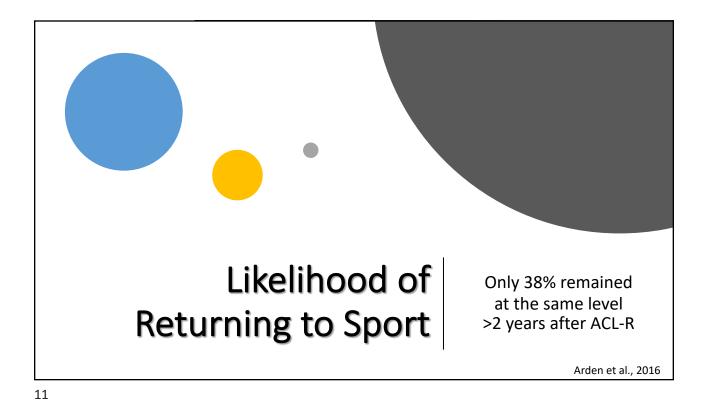
BPTB 1.2x more likely than HS

Almost all professional athletes RTS



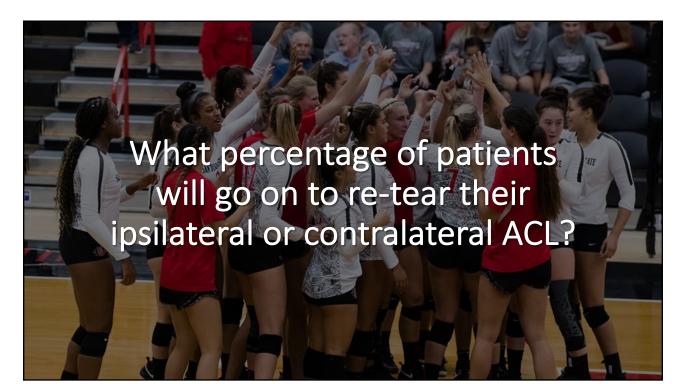
Baylor University

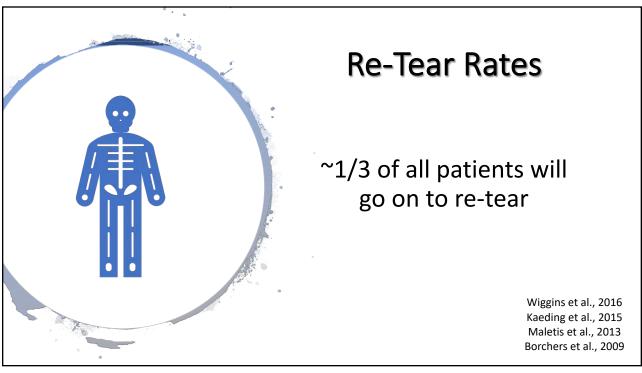
Arden et al., 2016

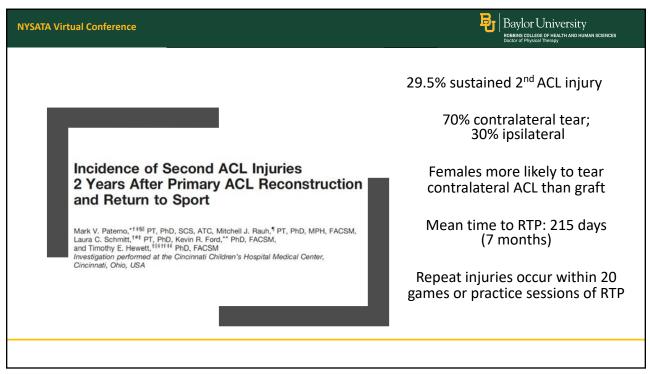


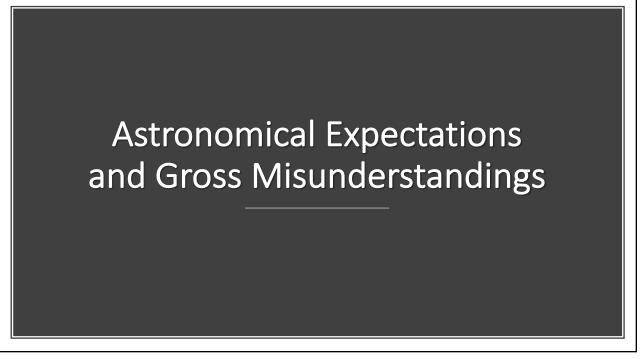










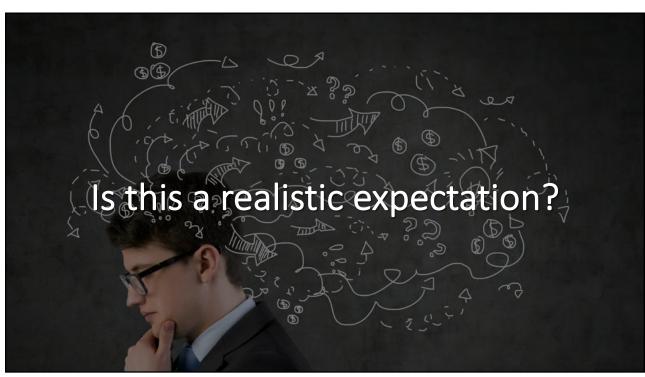


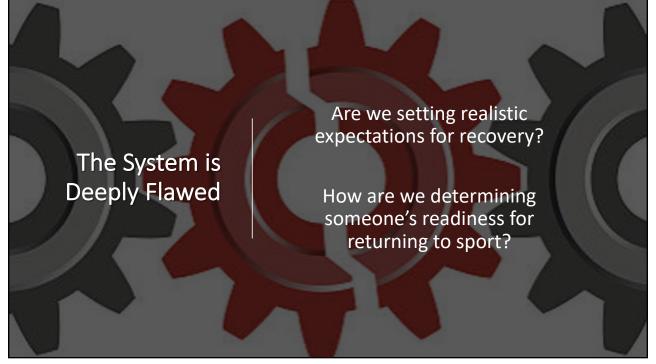




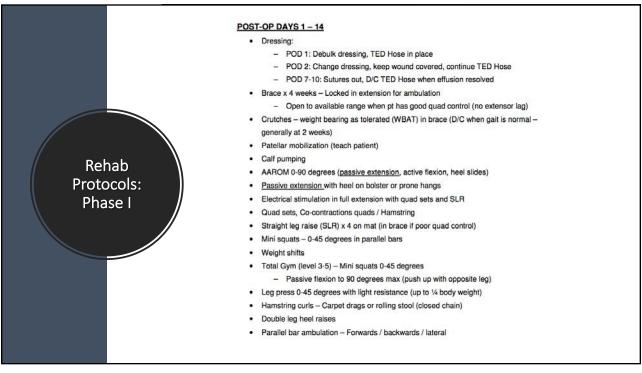


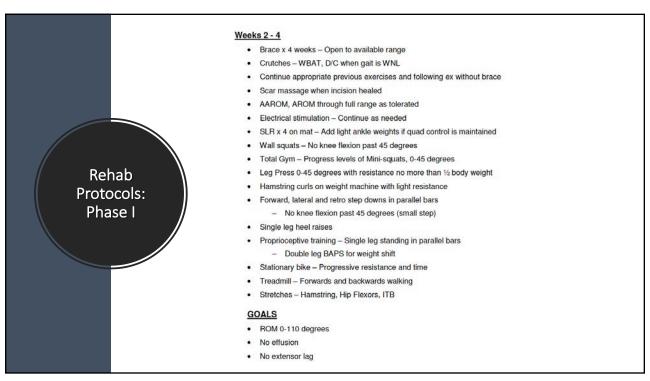
Google	when can i play sports after acl surgery	
	Q All 🕑 Videos 🗉 News 🧭 Shopping 🖾 Images : More Settings Tools	
	About 3,240,000 results (0.71 seconds)	
	Let's Ask Google Most sources point to 6-12 months	
Few	<i>i</i> sources referencing anything but time as a criteria	
21		

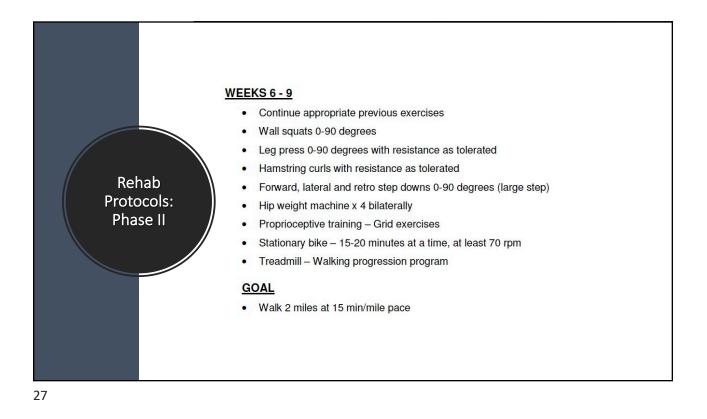






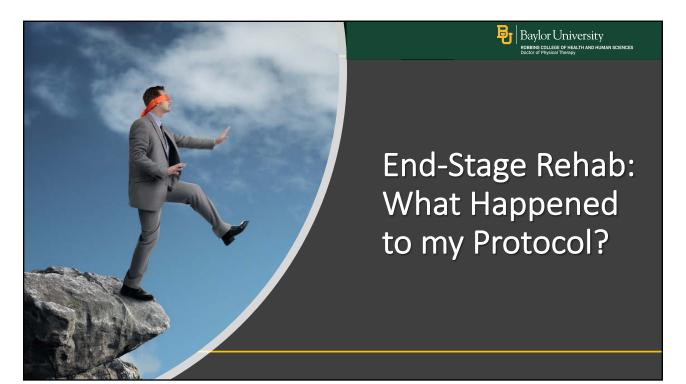




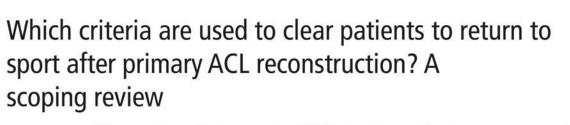








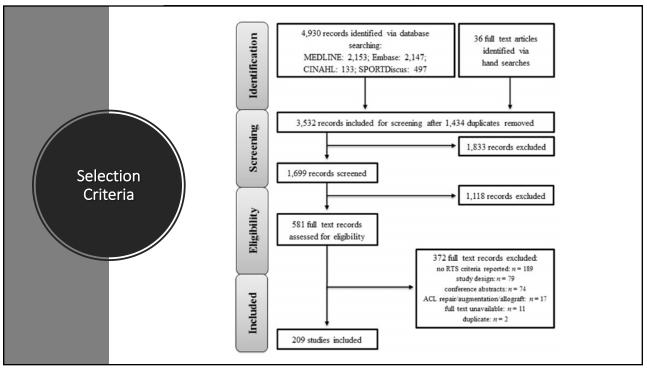




Ciara R Burgi,^{• 1} Scott Peters,² Clare L Ardern,^{• 3,4} John R Magill,¹ Christina D Gomez,⁵ Jonathan Sylvain,⁶ Michael P Reiman⁷



BJSM



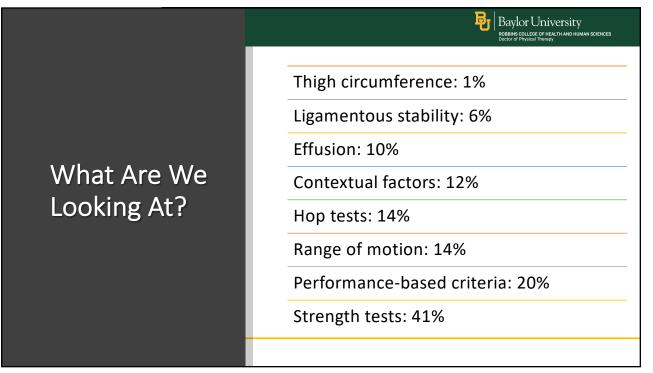
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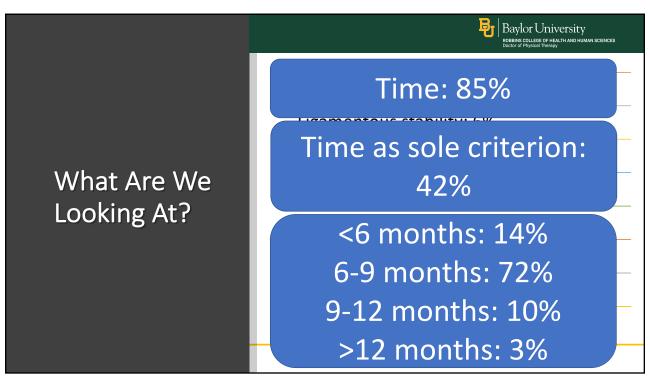
Return to Sport Criteria & Associated ICF Classification

🛃 🛛 Baylor University

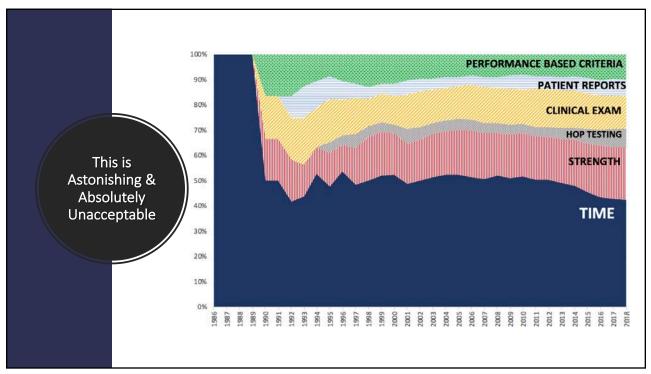
ROBBINS COLLEGE OF HEALTH AND HUMAN SCIENCES Doctor of Physical Therapy

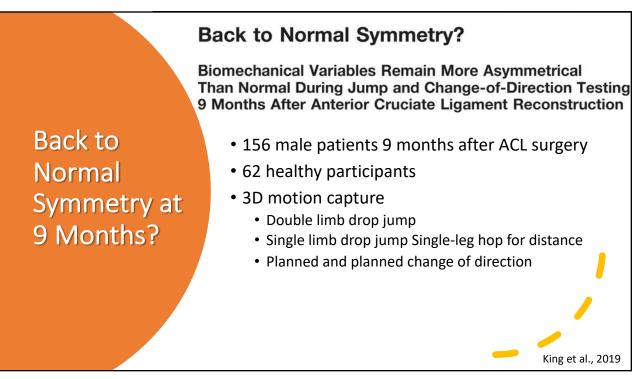
Return to sport criteria categorisation	Corresponding ICF ¹⁷ framework classification
Time	N/A
Strength	Impairments
Clinical examination	Impairments
Hop testing	Activity (limitations)
Performance-based criteria	Participation (restrictions)
Patient report	Contextual factors

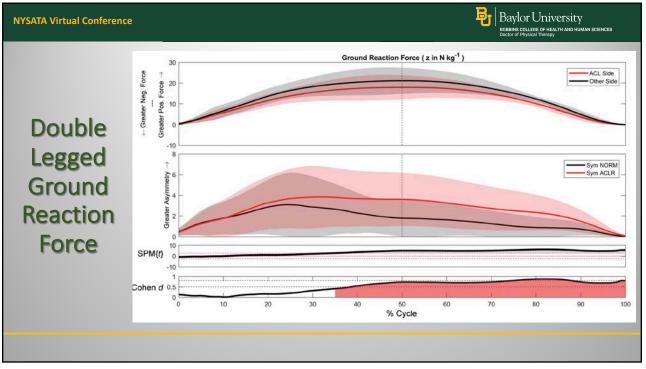


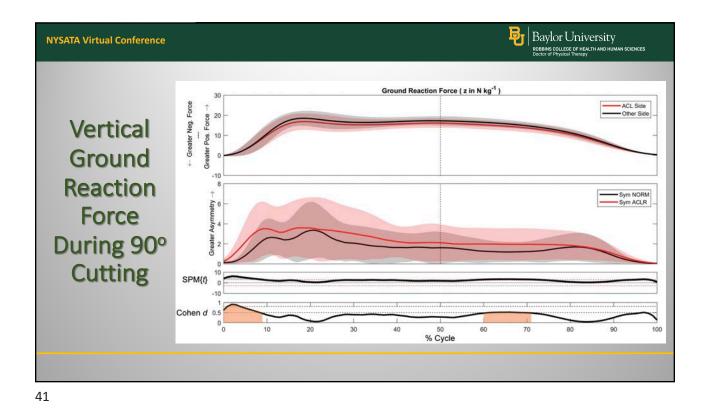


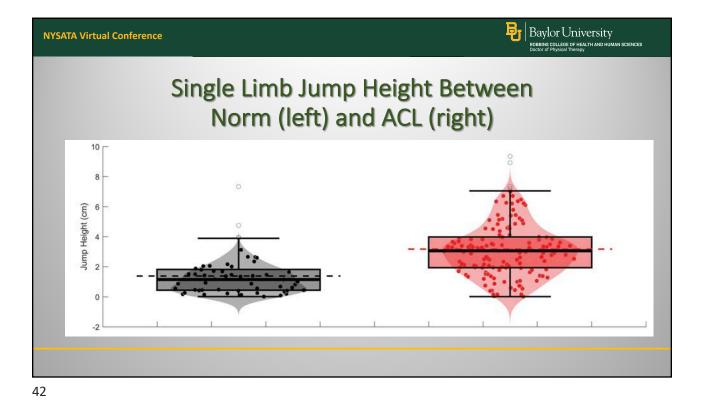




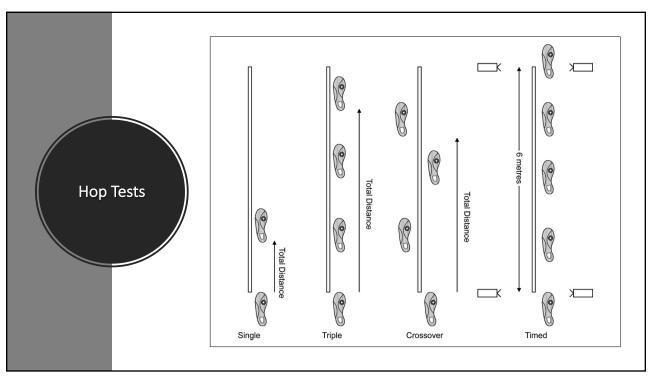


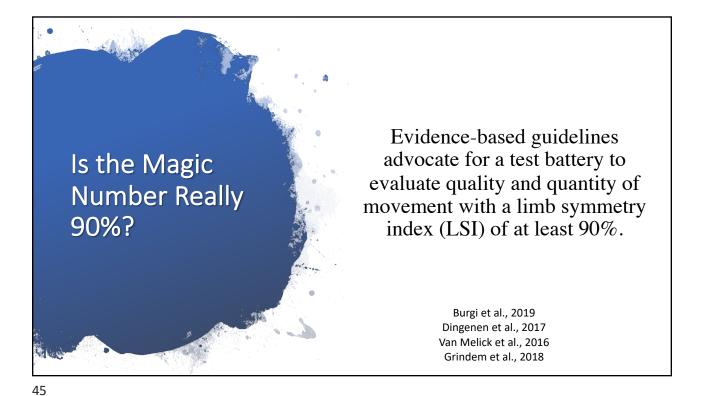


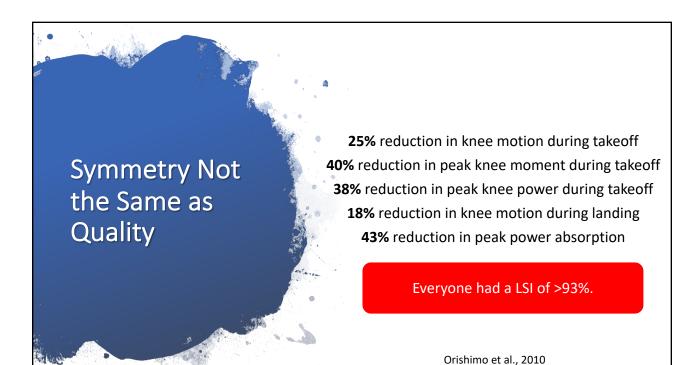




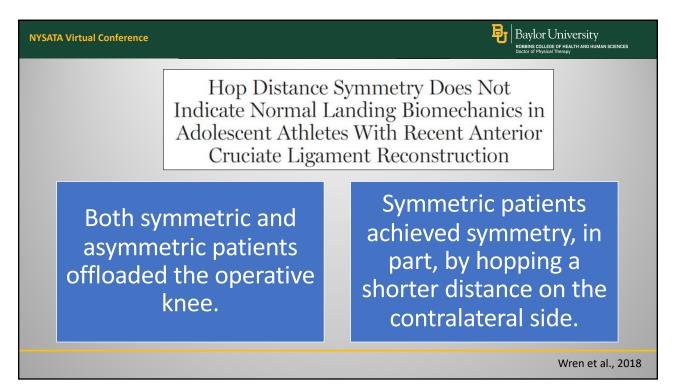


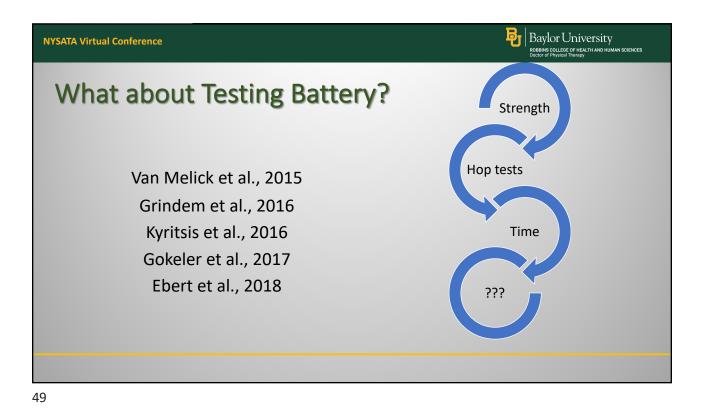






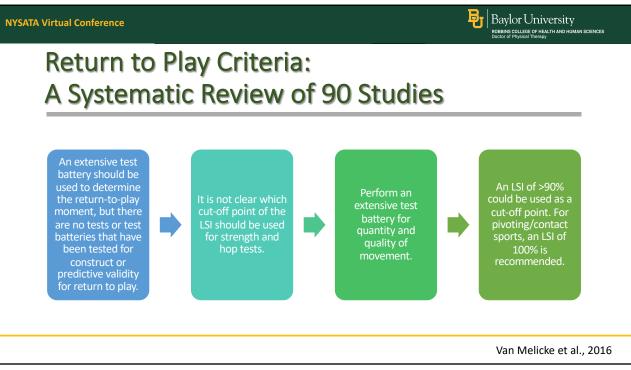






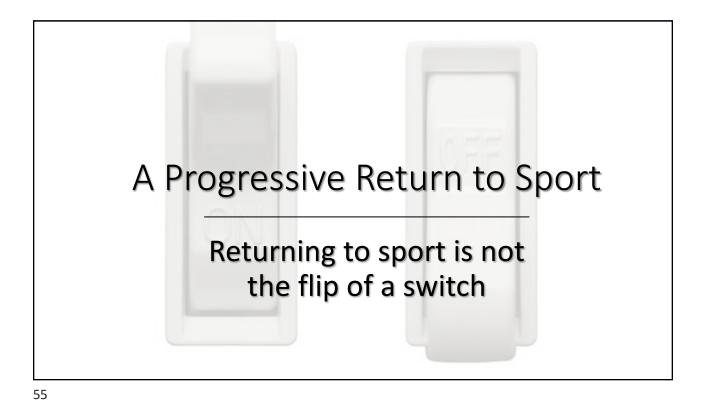




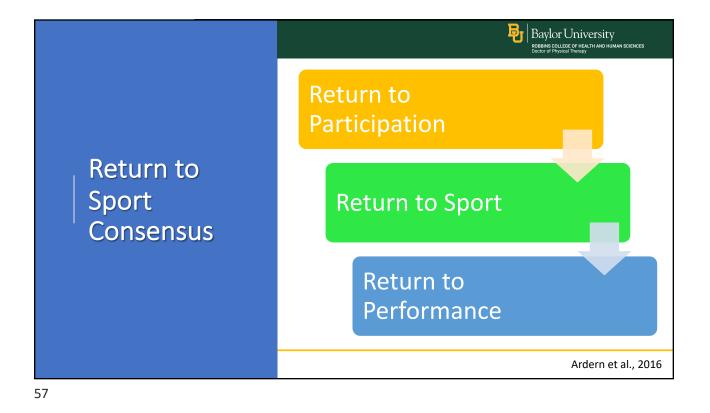


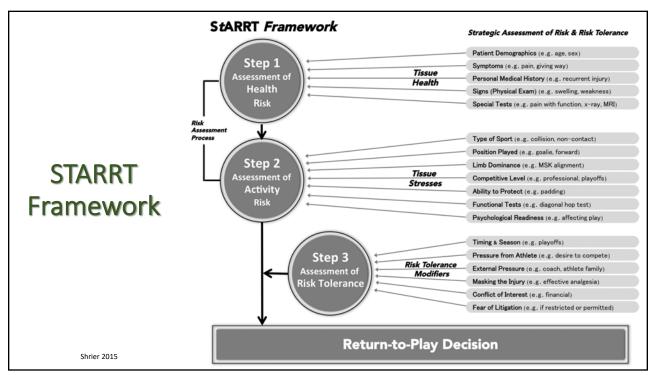


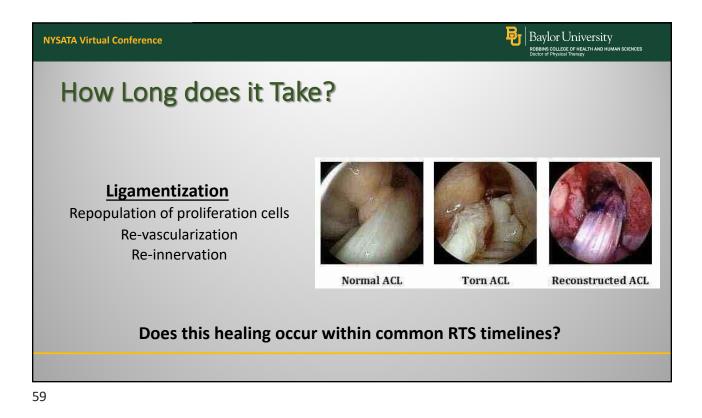
Five Recommendations
Use a group of tests
Choose open tasks over closed tasks
Include tests with reactive decision-making elements
Assess psychological readiness to return to sport
Monitor internal and external workload

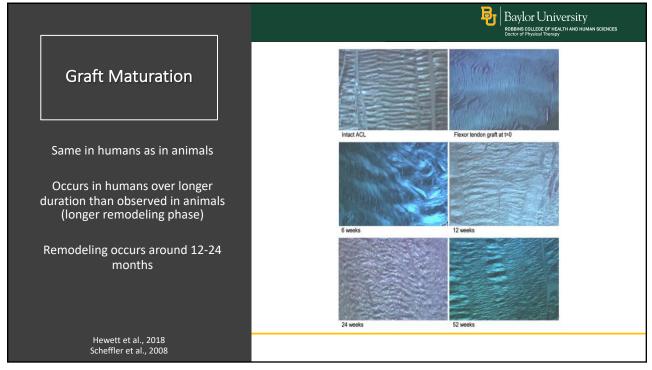


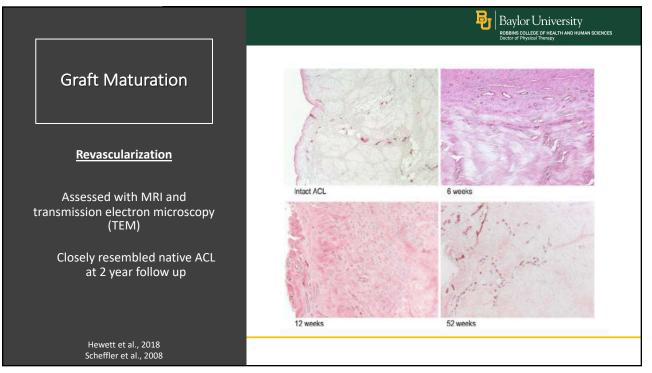


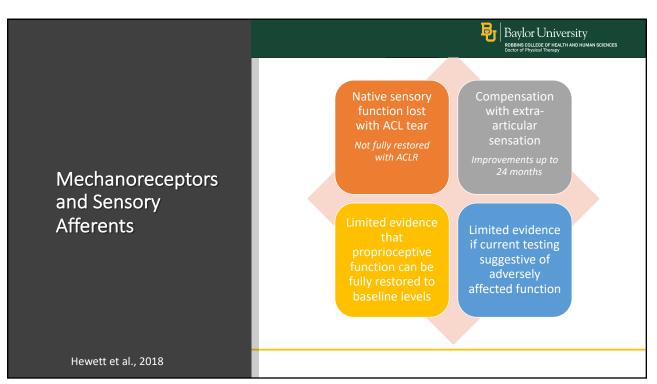


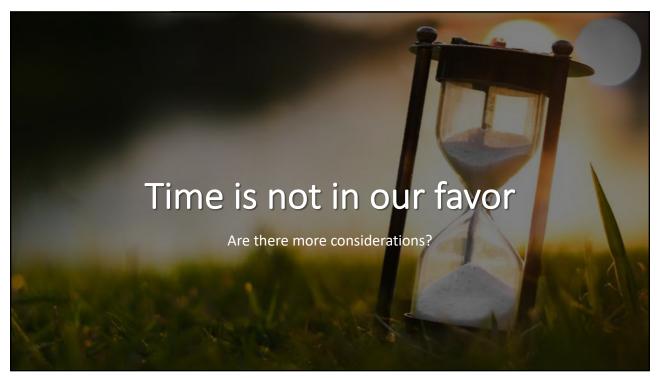








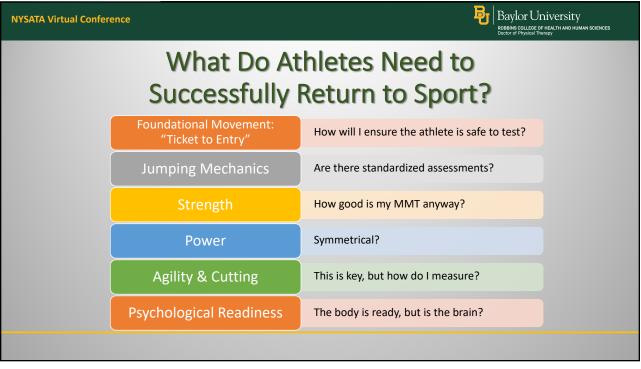


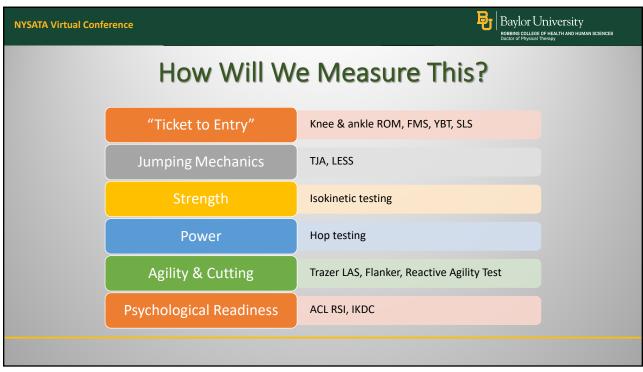




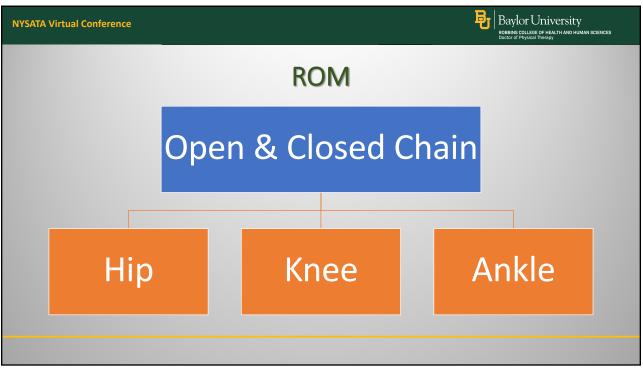












NYSATA Virtual Conference



Closed Chain Dorsiflexion

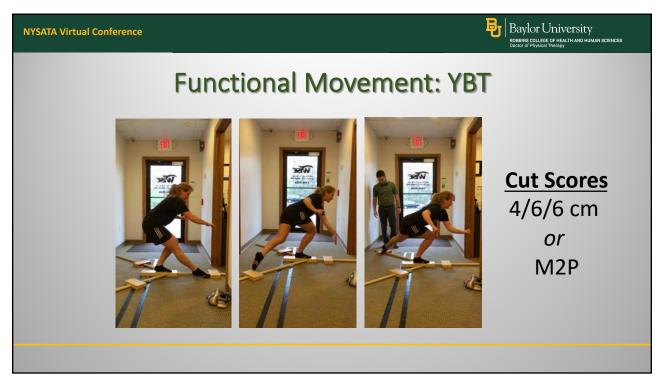
Restricted dorsiflexion range of motion (ROM) is associated with greater knee valgus displacement during landing and squatting tasks.

Abnormal

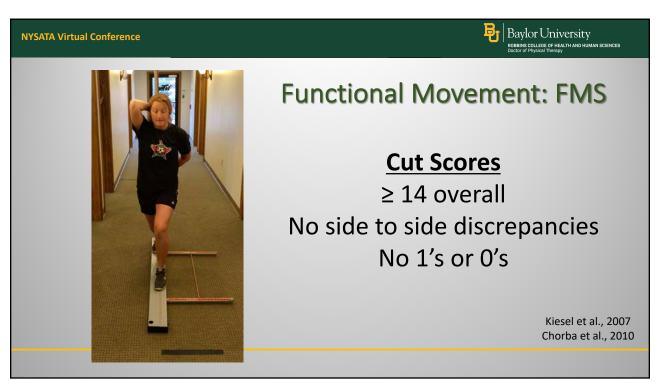
<35 degree TSA <9-10cm toes to wall

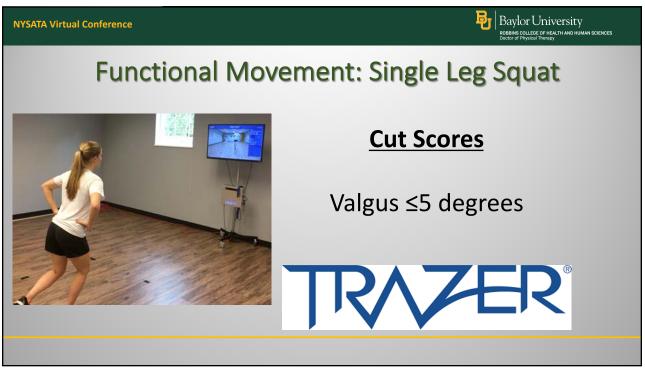


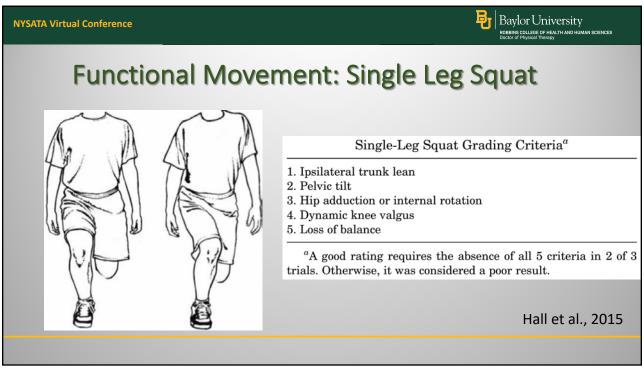
Fong et al., 2011



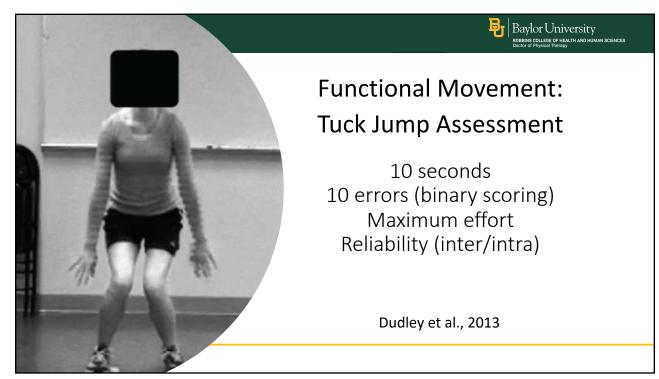




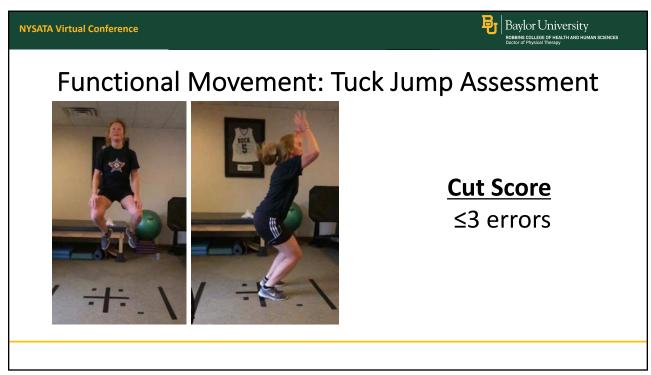




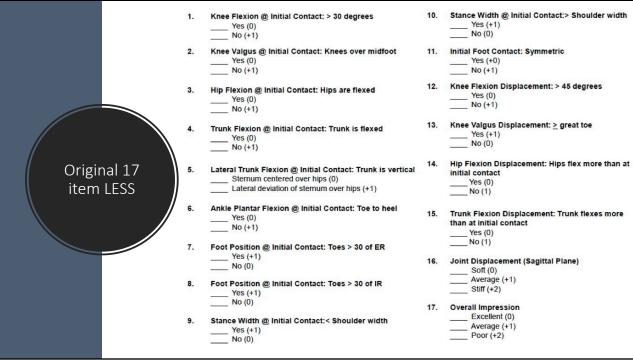
NYSATA Virtual Cor	nference	Baylor University Robans Follege of Health and Human Sciences Doctor of Physical Therapy
	Ticket to Entry	Knee and ankle ROM, FMS, YBT
	Jumping Mechanics	TJA, LESS
	Strength	Isokinetic testing
	Power	Hop testing
	Agility & Cutting	Trazer LAS, Flanker, Reactive Agility
	Psychological Readiness	ACL RSI, IKDC
77		

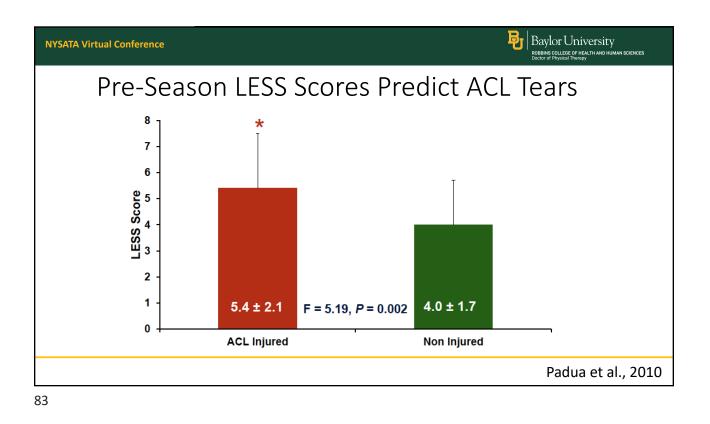


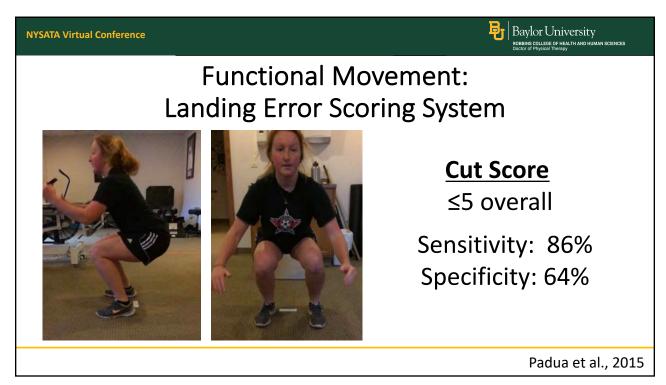
NYSATA Virtual Conference						- ' R	Baylor University obbins college of health and human sciences octor of Physicial Therspy
	Tuck Jump Assessment Mee and Thigh Motion ① Lower extremity valgus at landing ② Thighs to on treach parallel (peak of Jump) ③ Thighs not equal side-to-side (during flight) Toot pascement not shoulder width apart ③ Foot placement not shoulder width apart ⑤ Foot placement not shoulder width apart ⑥ Foot contact timing not equal 0. Excessive landing contact noise Plyometric Technique 0. Pause between jumps 0. Tochnique ender ins prior to 18 seconds 1. Does not end in a mark footprint (seconds in light motion)			Post	Comments	Ĭ	ootor of Physical Therepy
			a	6	G		
		Myer	et al., 2008				

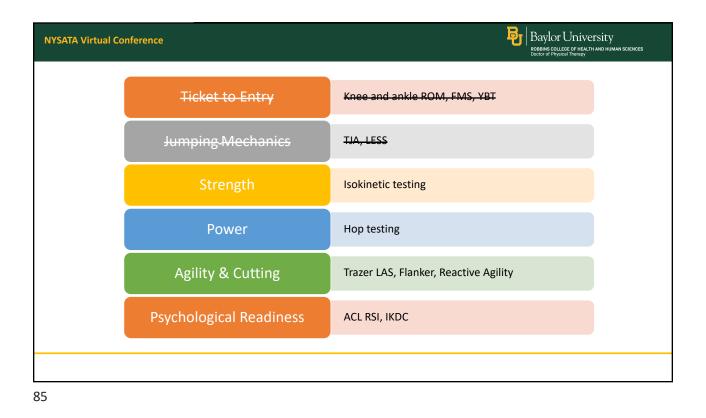


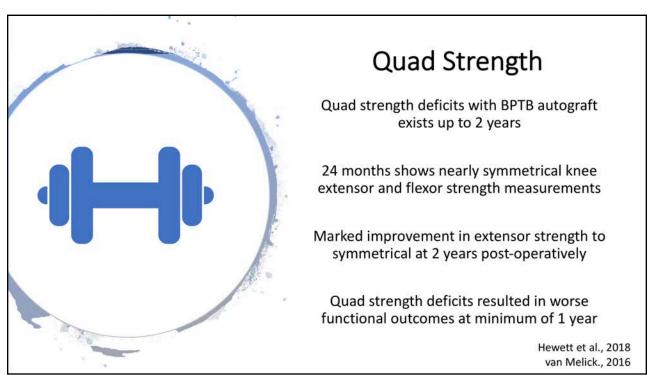
NYSATA Virtual Conference	Baylor University ROBBING COLLEGE OF HEALTH AND HUMAN SCIENCES DOLLEG OF Physical Threshop
Functional Movement:	Drop height: 30cm
Landing Error Scoring System	Horizontal distance: 50% body height
	Jump for maximum vertical height after landing
	Focus on initial landing and max knee flexion
1 2 3 4 5	Quantify the number of movement errors
	Padua et al., 2010

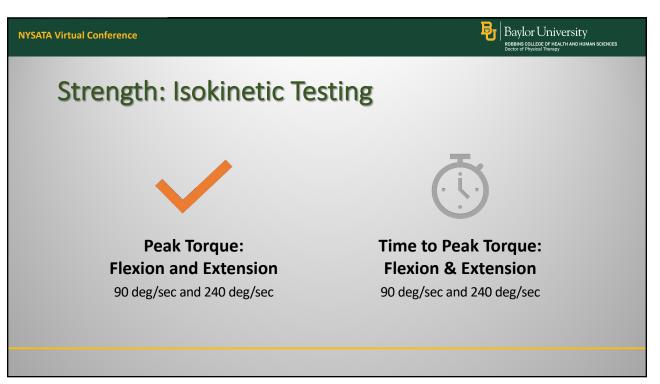


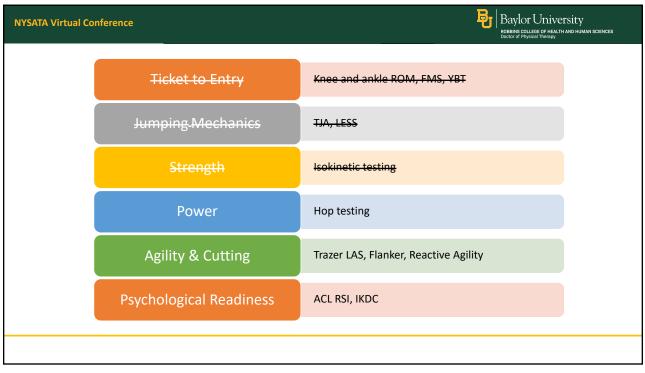


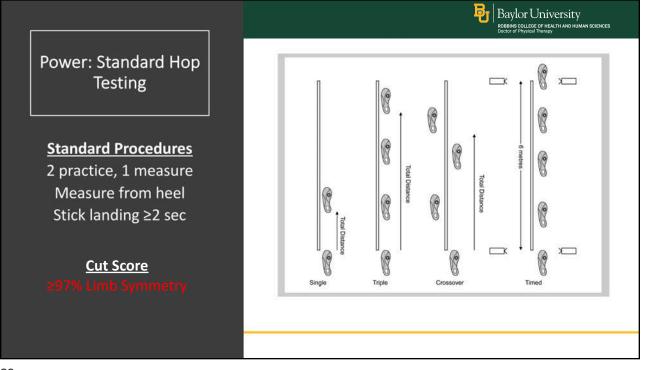




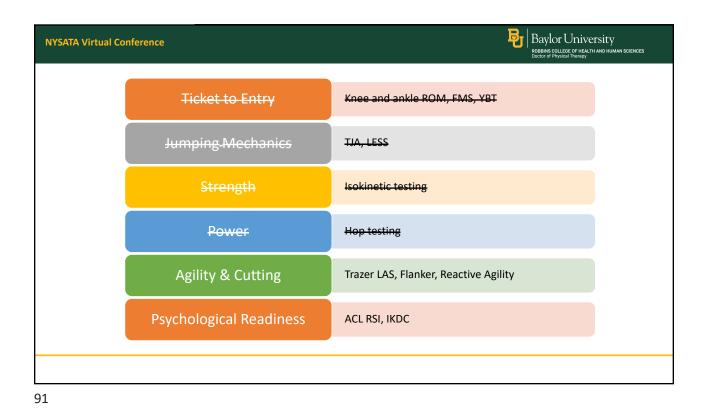


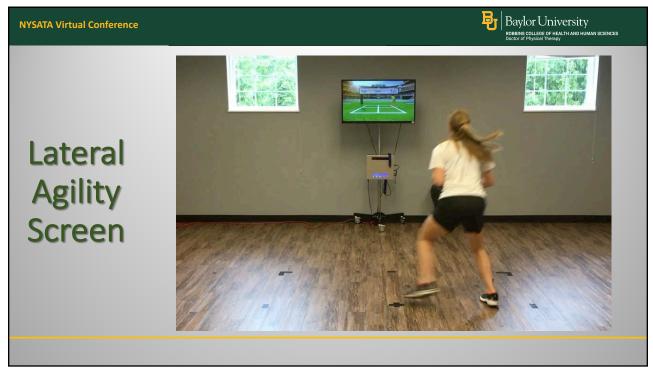


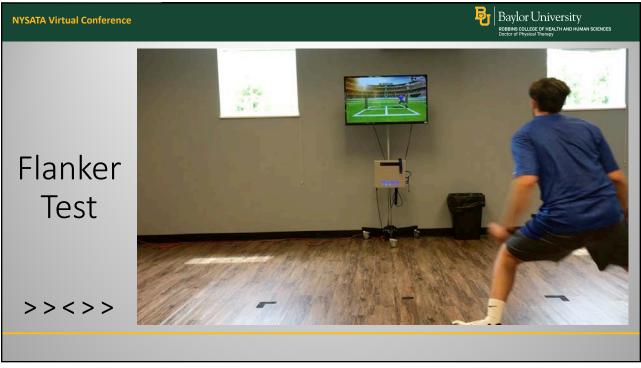


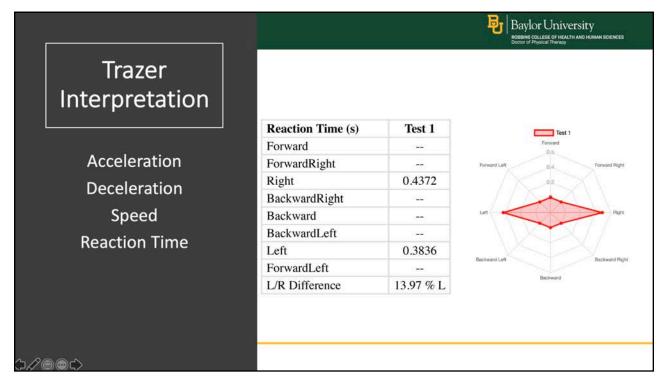


NYSATA Virtual Conference				Baylor Universi ROBBING COLLEGE OF HEALTH AND DOCTOR OF Physical Therapy	ty Human sciences
	Power	r: Hop and	Stop Tes	t	
	Hop Left (m)	Hop Right (m)	Leap Onto Left (m)	Leap Onto Right (m)	
Trial 1					
Trial 2					
Trial 3					





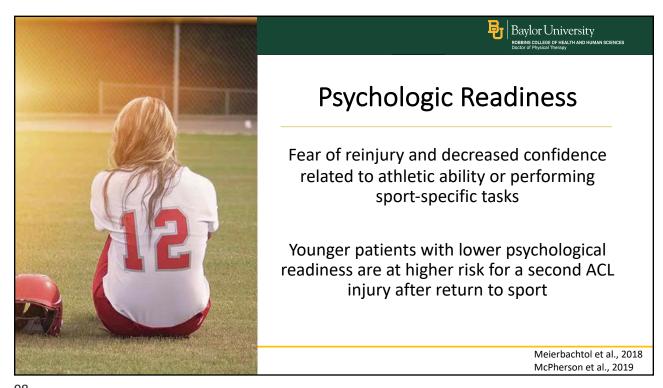






NYSATA Virtual Conference		Criterion	Scoring	Score See Above		
		imb Symmetry Index	LSI 95-100%: 0 LSI 90-94%: 1 LSI 85-90%: 2 LSI <84%: 3			
Reactive Agility	a	Knee Flexion	Knee flexed less than 30 degrees at initial contact 1 = present 0 = absent	Left	Right	
Test	Sagittal Plane	Hip Hinge	The trunk is upright and lacks a posterior hip hinge at initial contact 1 = present 0 = absent		Right	
See rubric in handouts	Sa	Foot Contact	Initial contact of plant foot on flatfoot or rearfoot 1 = present 0 = absent	Left	Right	
	Frontal Plane	Plant Limb Knee Abduction	The plant knee is medial to the foot with >10 degrees knee abduction at initial contact 1 = present 0 = absent	Left	Right	
Combination of speed and		Plant Contact	1 = soft 0 = firm	Left	Right	
mechanics		Plant Stance Width	The plant foot is narrower than shoulder width at initial contact 1 = present 0 = absent	Left	Right	
		Pelvic Rotation	Lacks initiation of pelvic rotation towards target after initial contact 1 = present 0 = absent	Left	Right	
		Con	nbined Total Score			

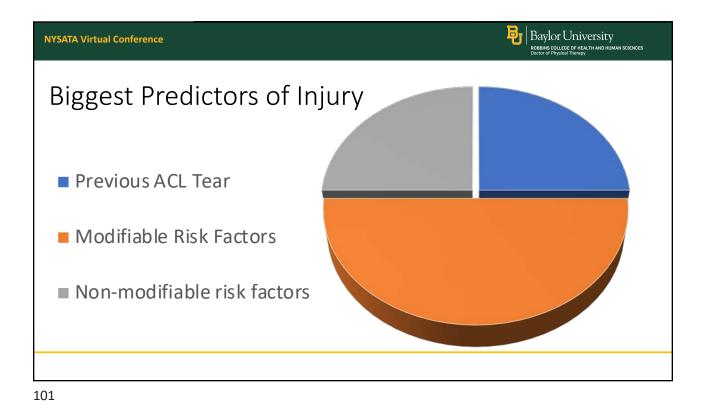
NYSATA Virtual C	onference	Baylor University ROBING COLLEGE OF HEALTH AND HUMAN SCIENCES DOCIDY of Physical Therapy
	Ticket to Entry	Knee and ankle ROM, FMS, YBT
	Jumping-Mechanics	TJA, LESS
	Strength	Isokinetic testing
	Power	Hop testing
	Agility & Cutting	Trazer LAS, Flanker, Reactive Agility
	Psychological Readiness	ACL RSI, IKDC
97		

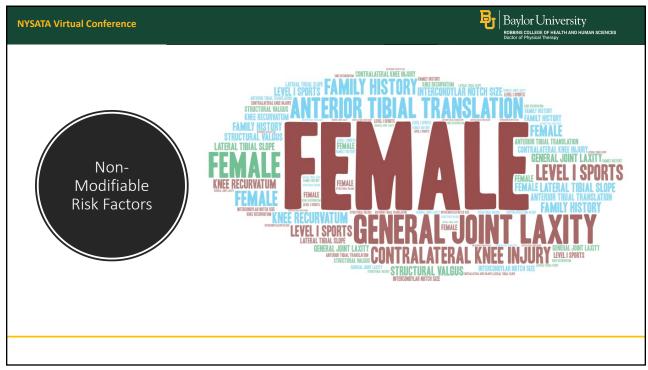


Davehologie Doodinees	1. I'm afraid that I might injury myself if I exercise	1	2	3	4
Psychologic Readiness	 If I were to try to overcome it, my pain would increase 	1	2	3	4
	 My body is telling me I have something dangerously wrong 	1	2	3	4
	 My pain would probably be relieved if I were to exercise 	1	2	3	4
CL Return to Sport after Injury (ACL-RSI)	People aren't taking my medical condition seriously enough	1	2	3	4
	My accident has put my body at risk for the rest of my life	1	2	3	4
	Pain always means I have injured my body	1	2	3	4
	 Just because something aggravates my pain does not mean it is dangerous 	1	2	3	4
Knee Self-Efficacy Scale (K-SES)	 I am afraid that I might injure myself accidentally 	1	2	3	4
Kinee Self Efficacy Scale (K SES)	 Simply being careful that I do not make any unnecessary movements is the safest thing I can do to prevent my pain from worsening 	1	2	3	4
	 I wouldn't have this much pain if there weren't something potentially dangerous going on in my body 	1	2	3	4
njury Psychological Readiness to Return	 Although my condition is painful, I would be better off if I were physically active 	1	2	3	4
to Sport Scale	 Pain lets me know when to stop exercising so that I don't injure myself 	1	2	3	4
	 It's really not safe for a person with a condition like mine to be physically active 	1	2	3	4
	 I can't do all the things normal people do because it's too easy for me to get injured 	1	2	3	4
	 Even though something is causing me a lot of pain, I don't think it's actually dangerous 	1	2	3	4
	 No one should have to exercise when he/she is in pain 	1	2	3	4













	What Can You Su	pport?	
"Ticket to Entry"	Knee & ankle ROM, FMS, YBT, SLS		
Jumping Mechanics	TJA, LESS		
Strength	Isokinetic testing		Consider partnerships witl Universities and clinics
Power	Hop testing		
Agility & Cutting	Trazer LAS, Flanker, Reactive Agility		Stopwatch for RAT. T-Test, Illinois Agility & Pro Agility Test for Trazer.
Psychological Readiness	ACL RSI, IKDC		Aginty lest for frazer.

