

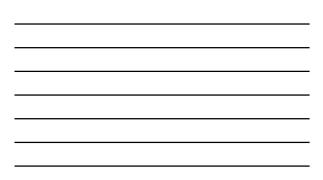
CONFLICT OF I	NTEREST STATEMENT
	onflict of interest in relation to we a patent on a hip thrust device.
Bret Contrenss, PhD, CSCS, 'D Force Vector Training	2019 NSCA PERSUNAL TRAINERS VIRTUAL CONFERENCE





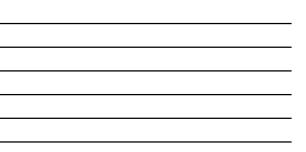
















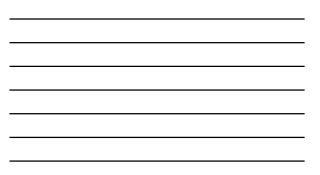


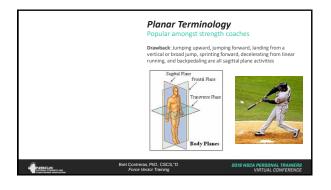


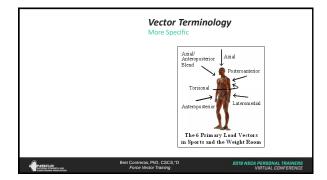


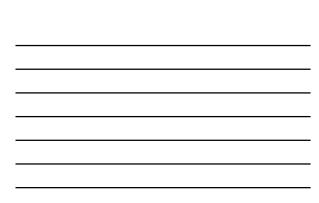


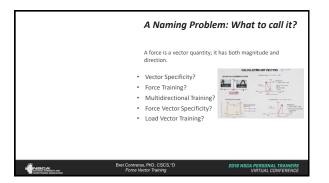


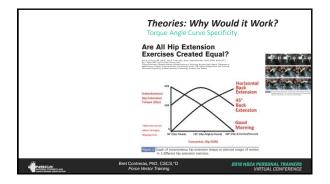




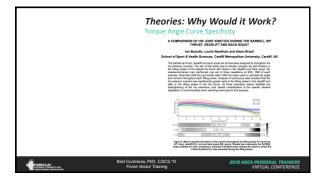


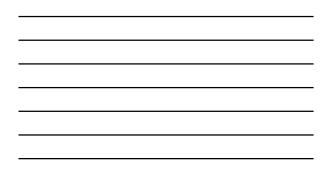


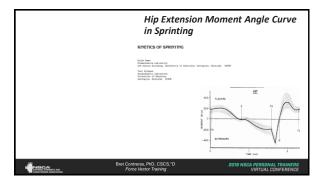


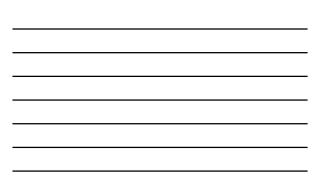


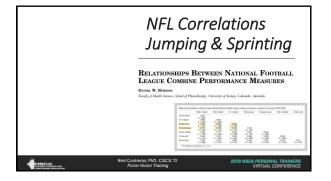


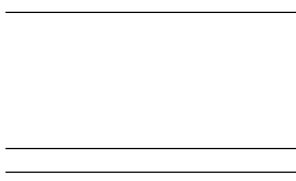




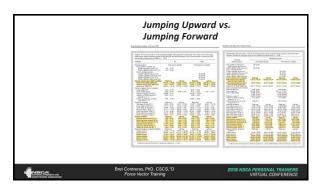


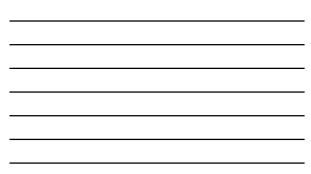


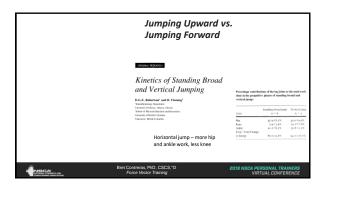








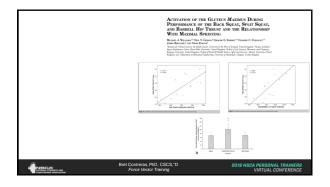




Horizontal F Sprinting	Force in
BYTECH OF RESEARCH VALUET ON BLANNING KENTRE AND RESEARCH VALUET ON THE AND	[4] Kangati and Likera Shiton. Batta Batta Shiton. The Shiton
Bits Delawards (*) 1991 (1991 - 1193 (1991 (1992 - 1193 (1993	
Bret Contreras, PhD, CSCS,*D Force Vector Training	2019 NSCA PERSONAL TRAINERS VIRTUAL CONFERENCE



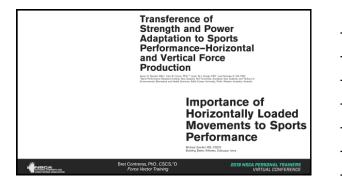




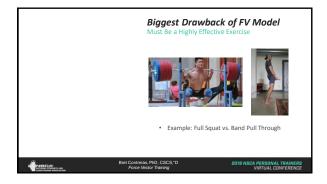


	Vertically and horizontally directed muscle power every crises. Realizontally by with top-level sprint performance here the service of the service of the service of the service here terms, the service of the service of the service of the service here terms, the service of the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service here terms and the service of the service of the service of the service here terms and the service of the service of the service of the service here terms and the service of the service of the service of the service here terms and the service of the					
Table 2. Shared vari ent montan in top-1	ance (R ²) of the relationsh init sprinters and jumper	ips among the sprint so		l jumps and the maxim	un man propubire pe	wer (MPP) is the dif
	10 m	28-00	40 m	60-14	100-m	350-m
6)	0.60	0.56	0.86	6.92	0.88	0.86
CM	0.60	0.85	0.90	0.56	0.86	0.61
5477185	0.82	0.55	0.91	6.97	0.76	0.74
5177 25	0.75	0.90	0.82	4.88	0.79	0.77
SEPP IIT	0.86	0.91	0.91	4.55	0.72	0.74
Net/R spot torp.)						

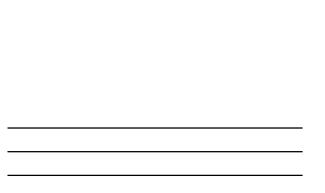




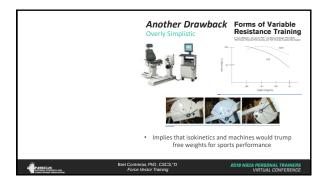




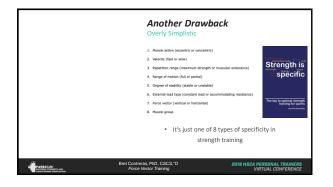




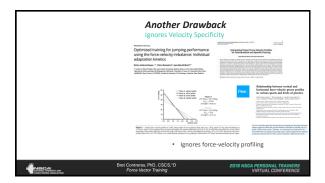


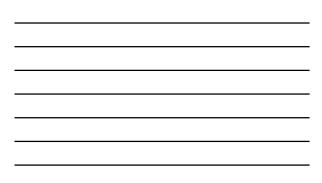
















Plyometric Studies Lateral vs. Vertical MPARING PRESEASON FRONTAL AND SAGIT INFE PLYOMETRIC PROGRAMS ON VERTICAL IGHT IN HIGH-SCHOOL BASKETEALL PLAYE

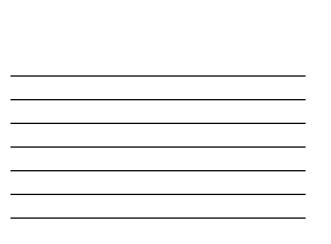
The Effects of Frontai- and Sagittal-Plane Plyom on Change-of-Direction Speed and Power in Adolescent Female Basketball Players

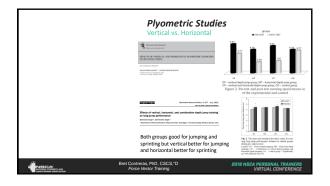
Vertical better for jumping, lateral better for lateral agility

et Contreras, PhD, CSCS,*D Force Vector Training

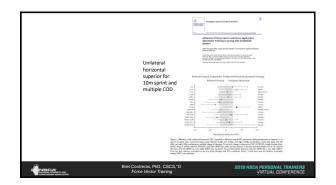
NRCA.

- Harris



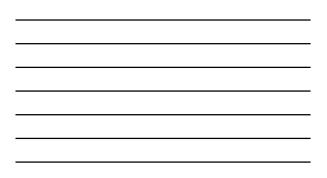








of vertical raining on and agilit Zisis Papaniko antou, Polydon Take 1 Acreb Monde Monde Monde Serve Son H	spee y in s	d, jump soccer p arakis and d, glup and jump dep (1965) and provide pro- inf (187) and 187 ± 0.01 187 ± 0.01	layers	Investment of the final sector of the final se
Table 1. Acrob share in the loc (PTG) and cares Ventries Sprea Jone 30	os Kouv sana pico o (CG) pro Orago HRG HRG HRG	d, agbie, and jung reacts (HPG), mit per pre-and post Pre-training 1.82±0.04 1.87±0.05 1.88±0.11	Post-entrong 1.26 ± 8.02 1.82 ± 8.08	
values in the hor (MPG) and carety Venidoles Sprine Illine (d)	HRG CG HRG CG HRG	Pre-training 1.82±0.06 1.82±0.06 1.87±0.05 1.88±0.11	Post-entrong 1.26 ± 8.02 1.82 ± 8.08	
Spring IDro (4)	HRG VPG CG HRG	1.82±0.06 1.87±0.05 1.88±0.11	1.76±8.02 1.82±8.08	
Hora (4)	VPG CG HPG	1.87±0.05 1.88±0.11	1.82 ± 8.08	
	VPG CG HPG	1.87±0.05 1.88±0.11	1.82 ± 8.08	
Res N	HPG	1.88±011		
Xim N				
		3.30+019	3.80 + 0.16*	
	05	241+027	240+829	
Aglicy				
R5 (s)	HPG 1PD	15.74±0.41 17.14±0.48	16.12±0.14 ^o 16.54±0.38 ^o	
	66	17.12+0.25	17/00+835	
15 80	HBG	1672+046	H-31 + 8.30*	
	VPG	17.33 ± 0.54	$16.75\pm0.40^{\circ}$	
	CG	17.12±0.46	17.13 ± 0.47	
Jamping shifty				
Phonese (col)				
	CG	226.4.1 (0.20	228.1 + 5.30	
Mettical (cm)	HPG	30.7 ± 3.08	317 ± 2.9*	
	VPG	2521718	$30.9\pm6.7^{\rm o}$	
	C6	33.1 ± 6.80	323±48	
				and the second
		2019		RESONAL TRAINERS
	Horizonal (199)	Horizonal (cm) HINS VINS CS Versiol (cm) HINS	Horisonial (on) HHG 19484-4.88 1960 200.0-210 CG 204.64.10.20 Noticel (on) HHG 207.8.138 1960 202.1.138 CG 30.1.24.88	Horizonal (sol) HRI HRI <t< td=""></t<>

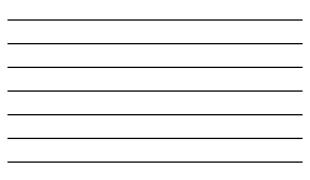












Effects of 6-week squat, deadlift, or hip thrust training program on speed, power, agility, and strength in experienced lifters: A pilot study Makel <i>B</i> could shore D. Varks the Gorners, Wald? W Shores turn			
	Next Array or pill all of Police and an articles Aurora		
Bret Contreras, PhD, CSCS,*D Force Vector Training			

