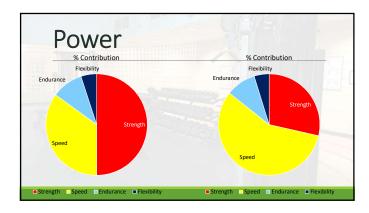
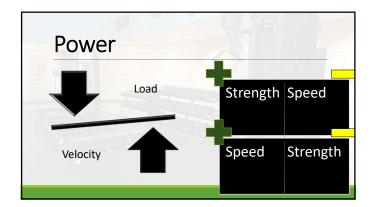


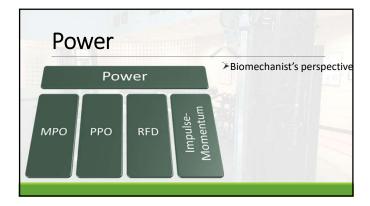
Disclaimer If you have a large budget and access to the \$\$\$ equipment Support/trained staff to analyze & report

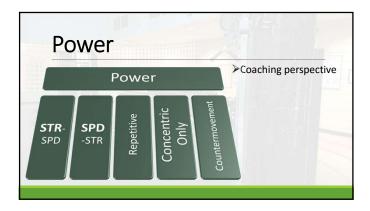


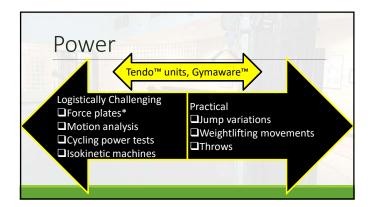
Testing Logistics > Trained staff + Number > Equipment accessibility > Testing efficiency > Time to process + analysis > Time to develop report > Testing provides direction if data is meaningful and applicable

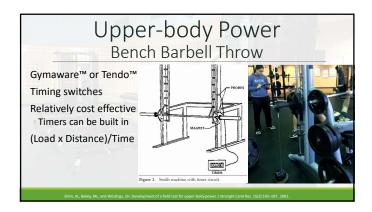


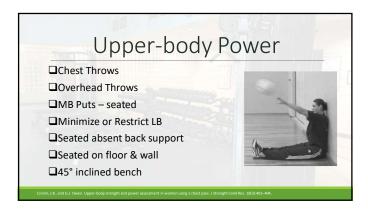


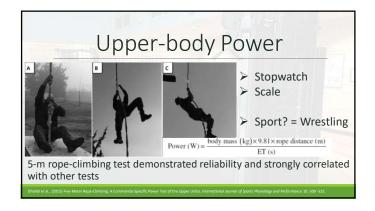




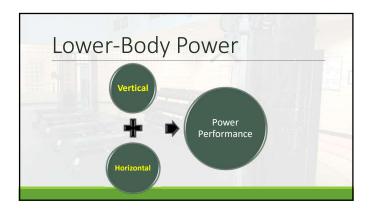


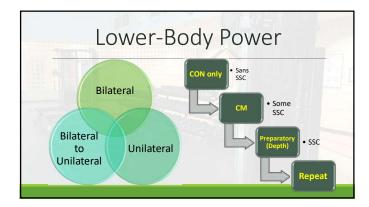


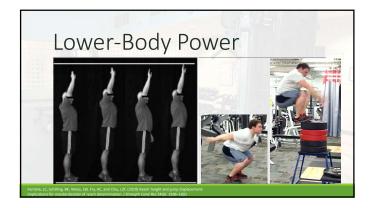














Lower-Body Power

 CMJ_{vert} and Horiz.SJ relate with T-test, 20 yds accel, & 40 yds sprint (r = .70 to 0.9) and strong relationship to 30 m sprints

Sayers equation IF you want to calculate power

Just Jump Mat™, Vertec™, or simply chalk mark on wall

Horizontal tape measure toes to heel landing (sand pit best)

Starting position/action = Static, CM, Approach, Repeat (3x)

armiento, A, Galpin, AJ, and Brown, LE. (2012) Vertical jump and power Strength Cond J. 34(5): 34-43.

eterson, M.D., B.A. Alvas, and M.R. Rhea. (2006) The contribution of maximal force production to explosive movement among young collegiate athle

ond, Bea. 2014, 85-2-873.

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Strength Cond Res 29(3): 661–671.

Strength Cond Res 29(3): 661–671.

Lower-Body Power

☐ Assessing lower-body power loaded ☐ Depth of squat (Self or Set)

□Load 10-40% 1RM of HFLV



tone, M.H., H.S. O'Bryant, L. McCoy, R. Coglianese, M. Lehmkuhl, and B. Schilling. (2003) Power and maximum strength relationships during performance of dynamic and

Lower-Body Power



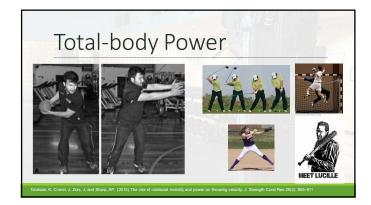










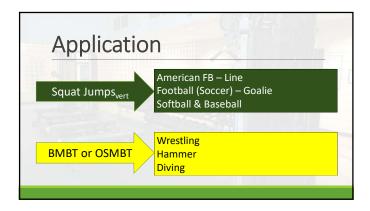


Application Hang or Block Start Position SN and CL Minimal Time to Develop Force from a Static Start Standing Peak Power with Minimal Joint Angle Displacement American FB: WR & DB Football (Soccer) Basketball Volleyball High Jumper T&F Throwers











Concluding Thoughts Testing for adaptations vs monitoring Test only what is needed Determine when testing will occur Static, Countermovement, Approach Determine the logistics and implement USE the information

