

# Developing Athletic Power





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PRESENTED BY























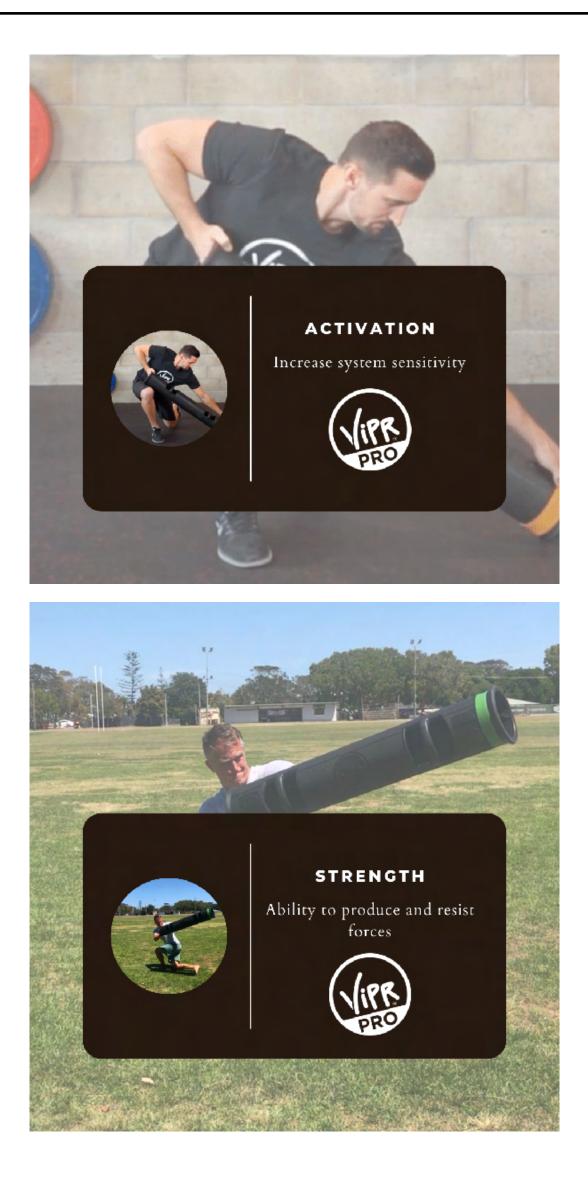


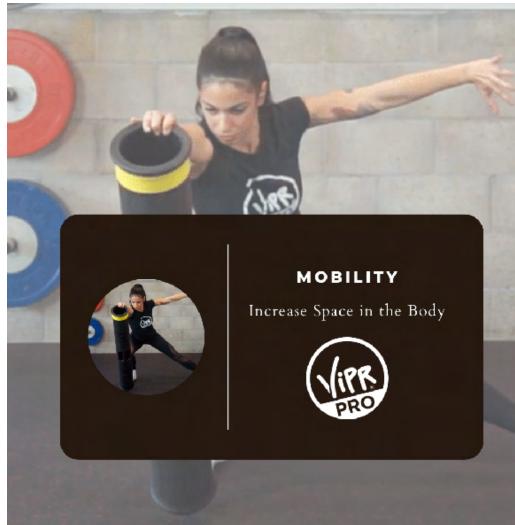
## ANATOMY OF PROGRAMMING















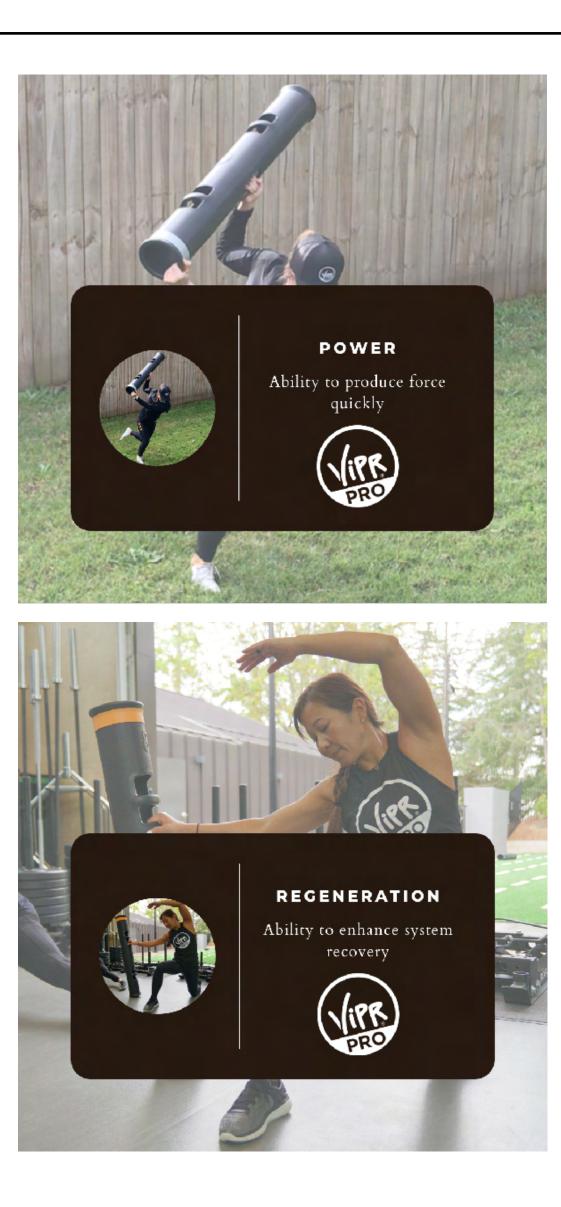
# **PROGRAMMING THEMES**

METCON

Increase Cardio respiratory change



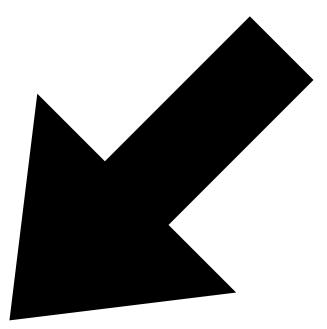






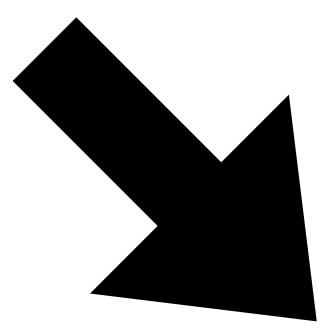


# **PROGRAMMING ROAD MAP**



## PREPARATION

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## PERFORMANCE







### POWER

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## PREPARATION

## ACTIVATION

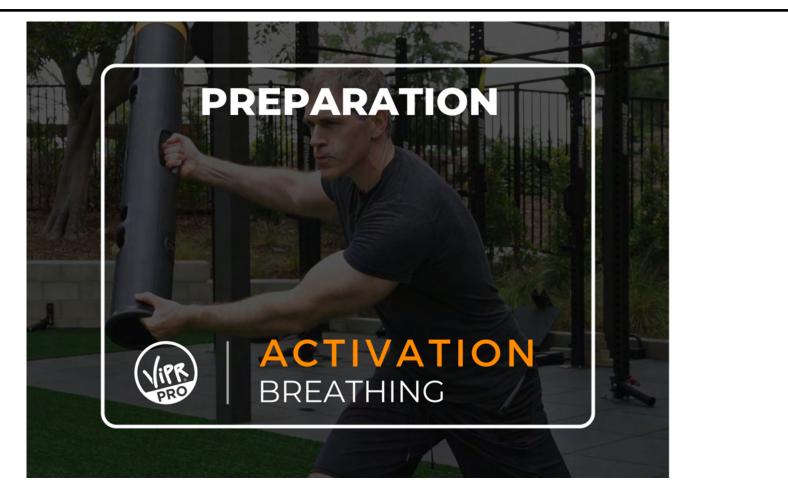
## PERFORMANCE

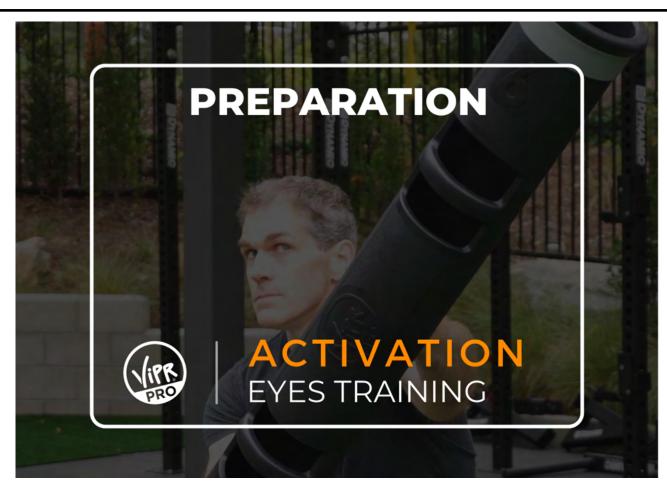
## STRENGTH





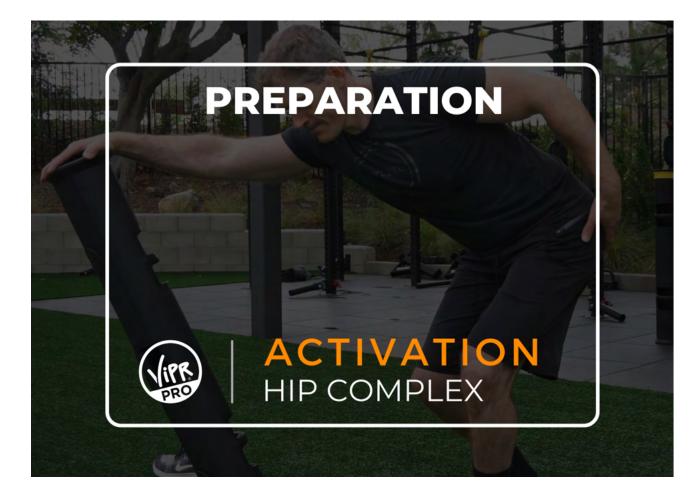
## PREPARATION



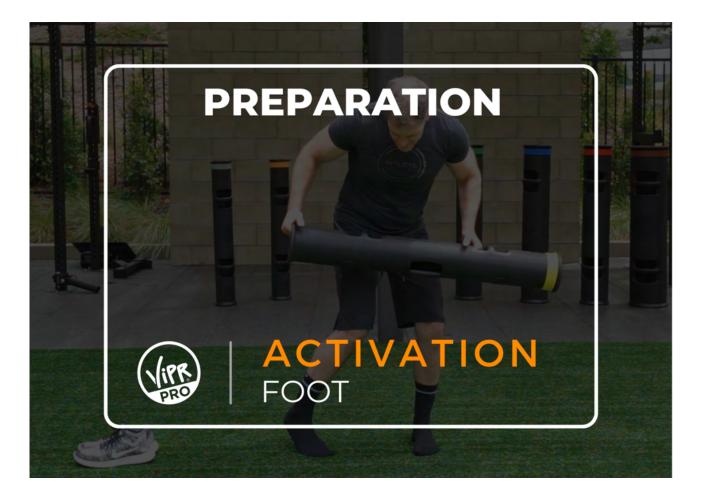


#### **FORCED & PERCUSSIVE**

#### Inhalation/Exhalation

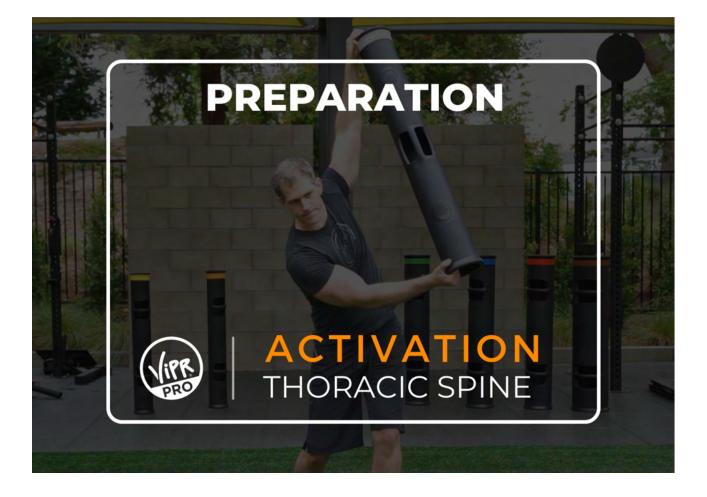


#### **3D MOTIONS**



#### TRACKING

#### **GROUND REACTION**



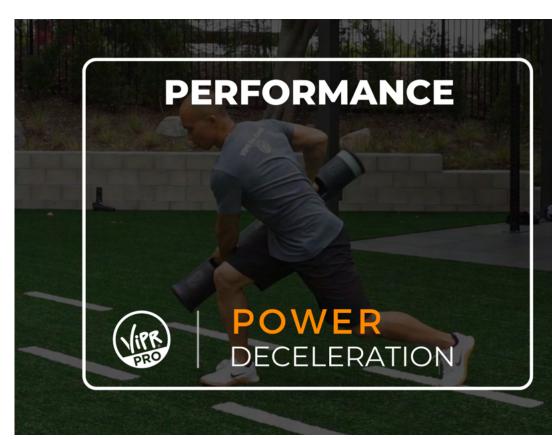


#### **TYPE 1&2 SPINAL MOTIONS**



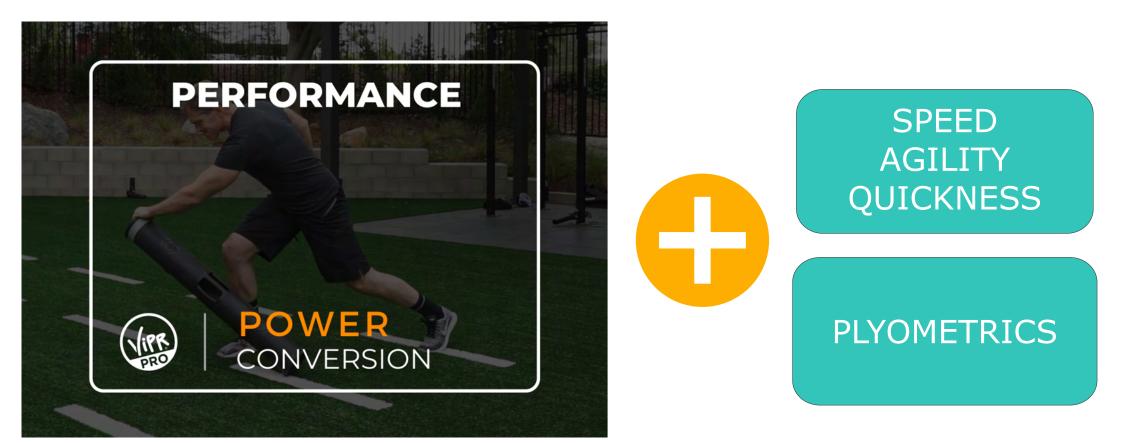






### ACCELERATION

### DECELERATION



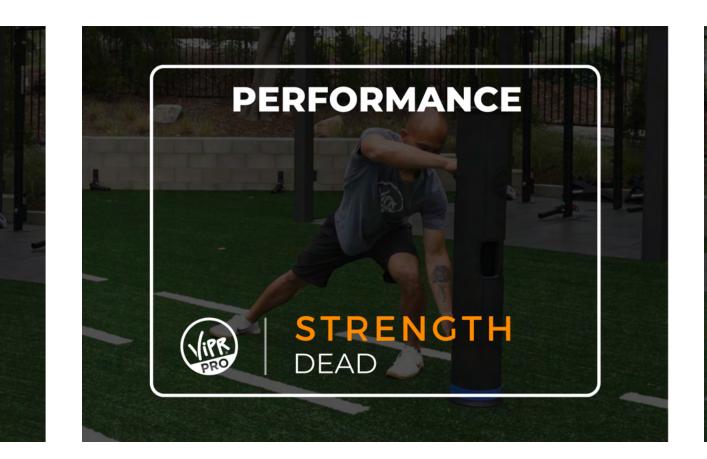
#### CONVERSION



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## PERFORMANCE

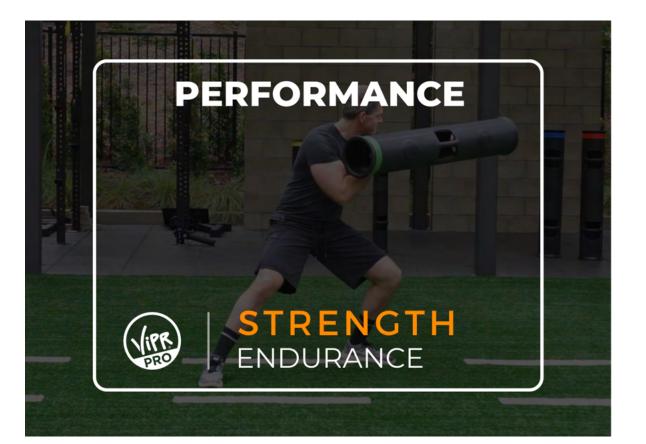
#### **STRENGTH**





### **DEAD STRENGTH**

### **ODD POSITION**





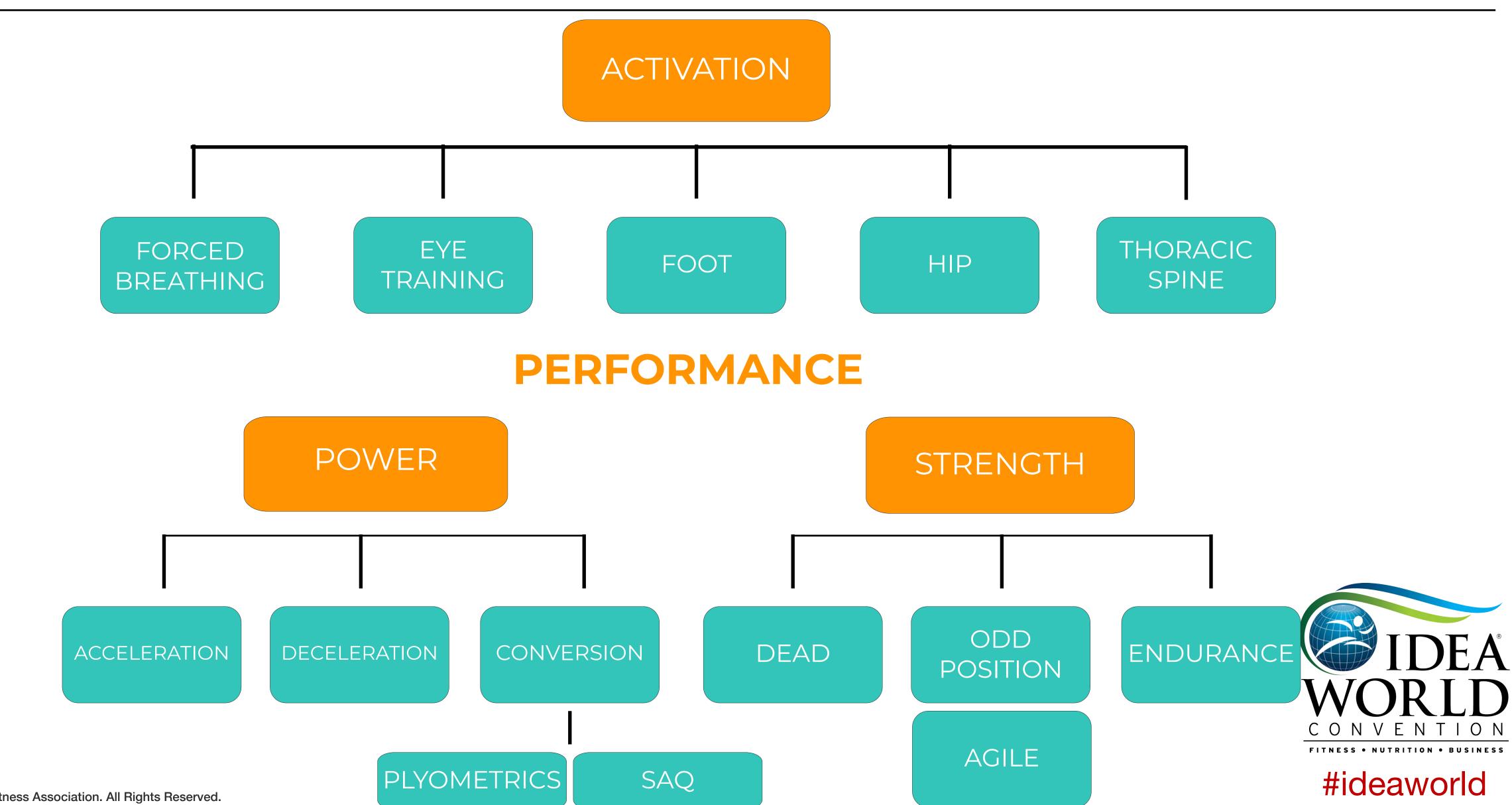
STRENGTH ENDURANCE AGILE STRENGTH ENDURANCE





## **PROGRAMMING ROAD MAP** PREPARATION

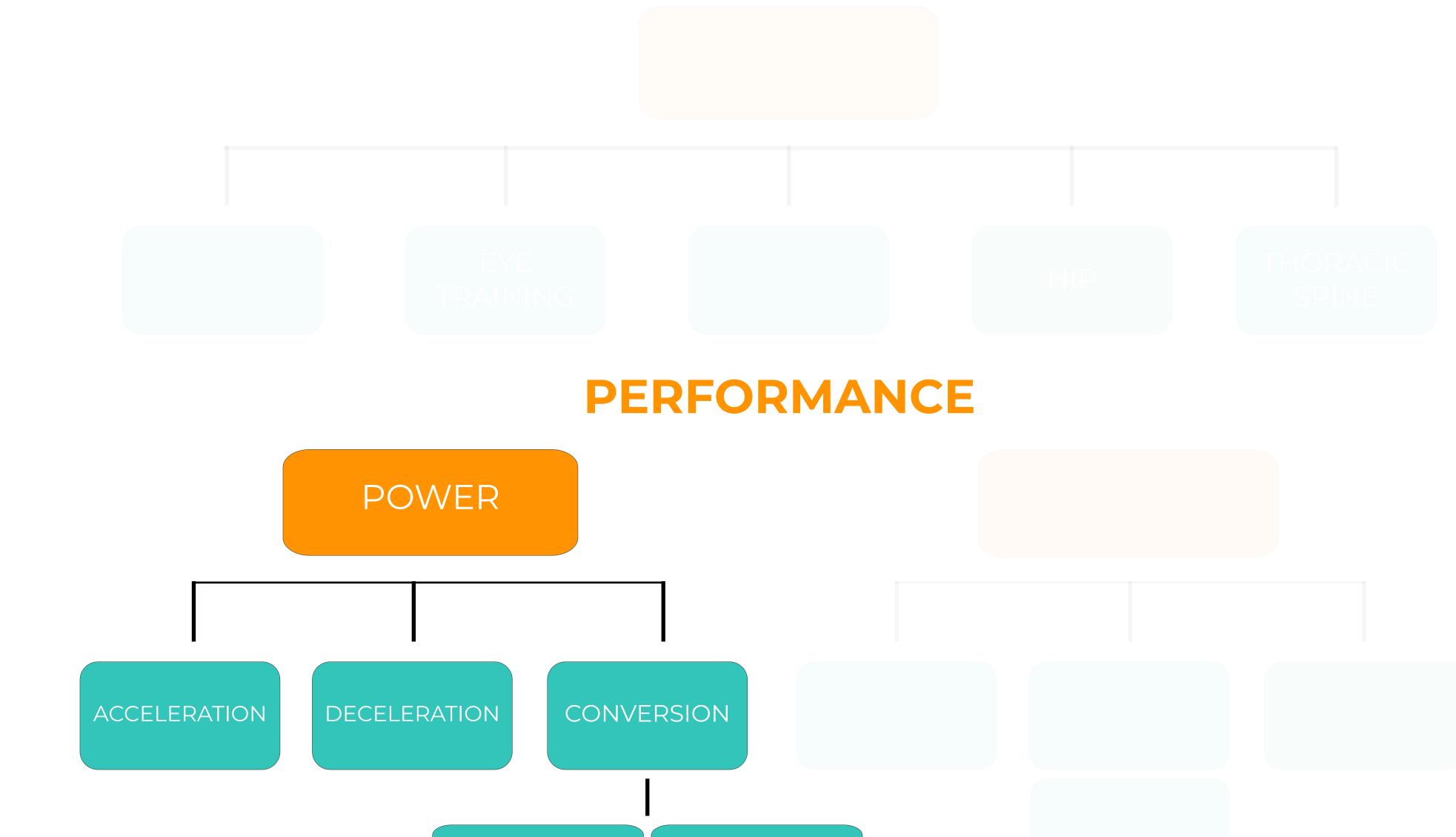




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### **PROGRAMMING ROAD MAP** PREPARATION





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PLYOMETRICS





 Power is the ability to rapidly generate high levels of force in a specific movement pattern

This demands a highly coordinated response from the neuromuscular system to produce the required movement, and high levels of tissue resilience to produce and transfer force

The goal of Power is in the attempt to move the mass as fast and as violent as possible









## **STEP 2:** DECELERATION

Body is reacting

### **STEP 3: CONVERSION**

Plyometrics







RAPID CH/
<b>NERVO</b> DEPOLA
<b>M</b> CONCENTRICA
NEED SHAPE STAB COLLAGEN AN

ANGE IN INERTIA

**DUS SYSTEM: RIZATION FIRST** 

USCLES: ALLY TURN ON & OFF

LITY IN SKIN AND FASCIA. ND ELASTIN (RECOIL)







SLOW DOWN OR STOP INERTIA **NERVOUS SYSTEM:** SENSORY MOTOR INTREGRATION MUSCLES: **ISOMETRIC OR ECCENTRIC CONTRACTION** NEED JOINT MOBILITY AND ARTHROKINEMATICS. ELASTIN TO STRETCH DURING DECELERATION

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**BEING ELASTIC:** SHORT AMORTIZATION PHASE

MUSCLES ECCENTRIC MOTOR CONTROL

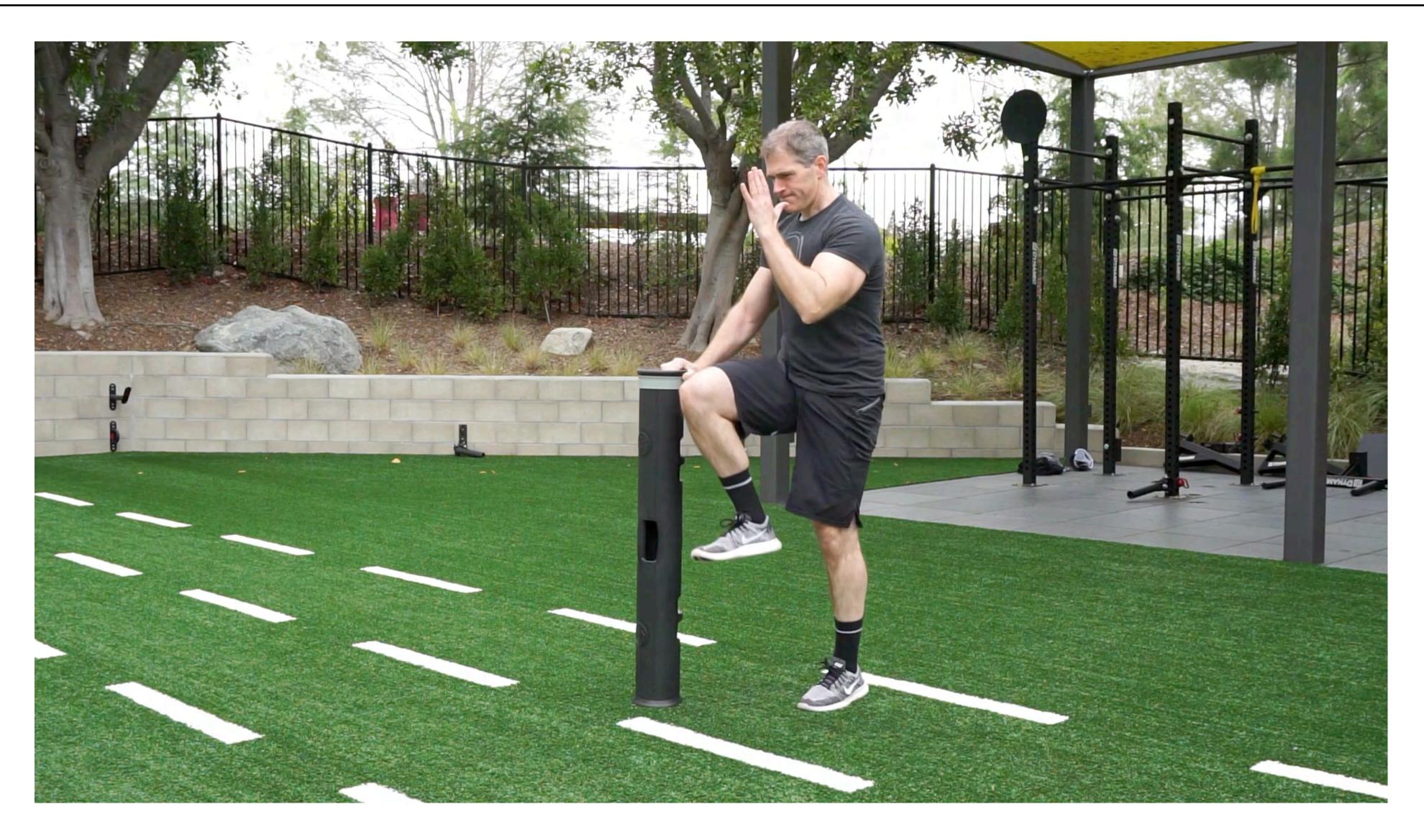
TISSUE ELASTICITY CONCENTRIC FORCE PRODUCTION

MAXIMAL ELASTICITY IN TENDONS WITH MINIMAL METABOLIC COST





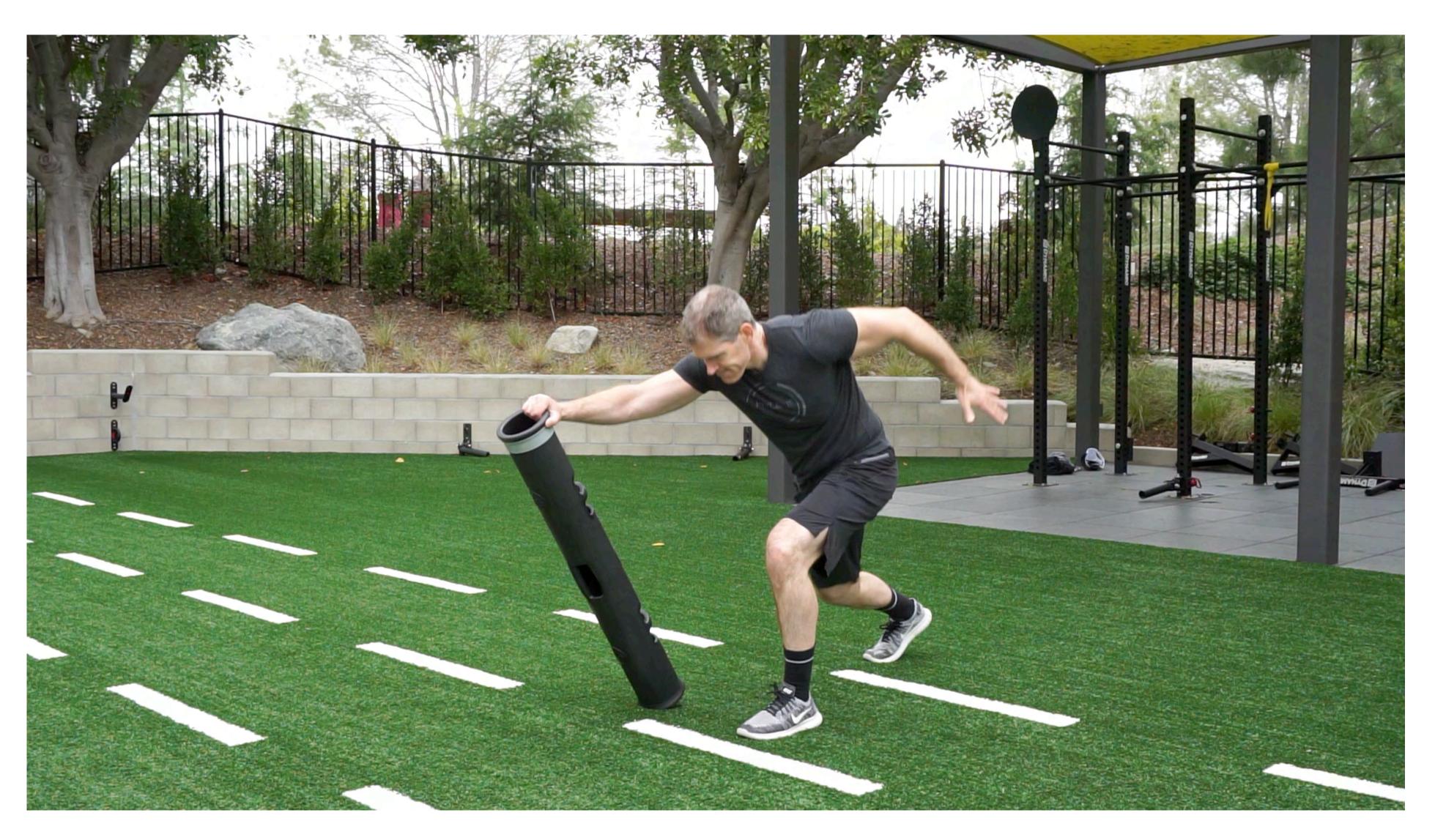








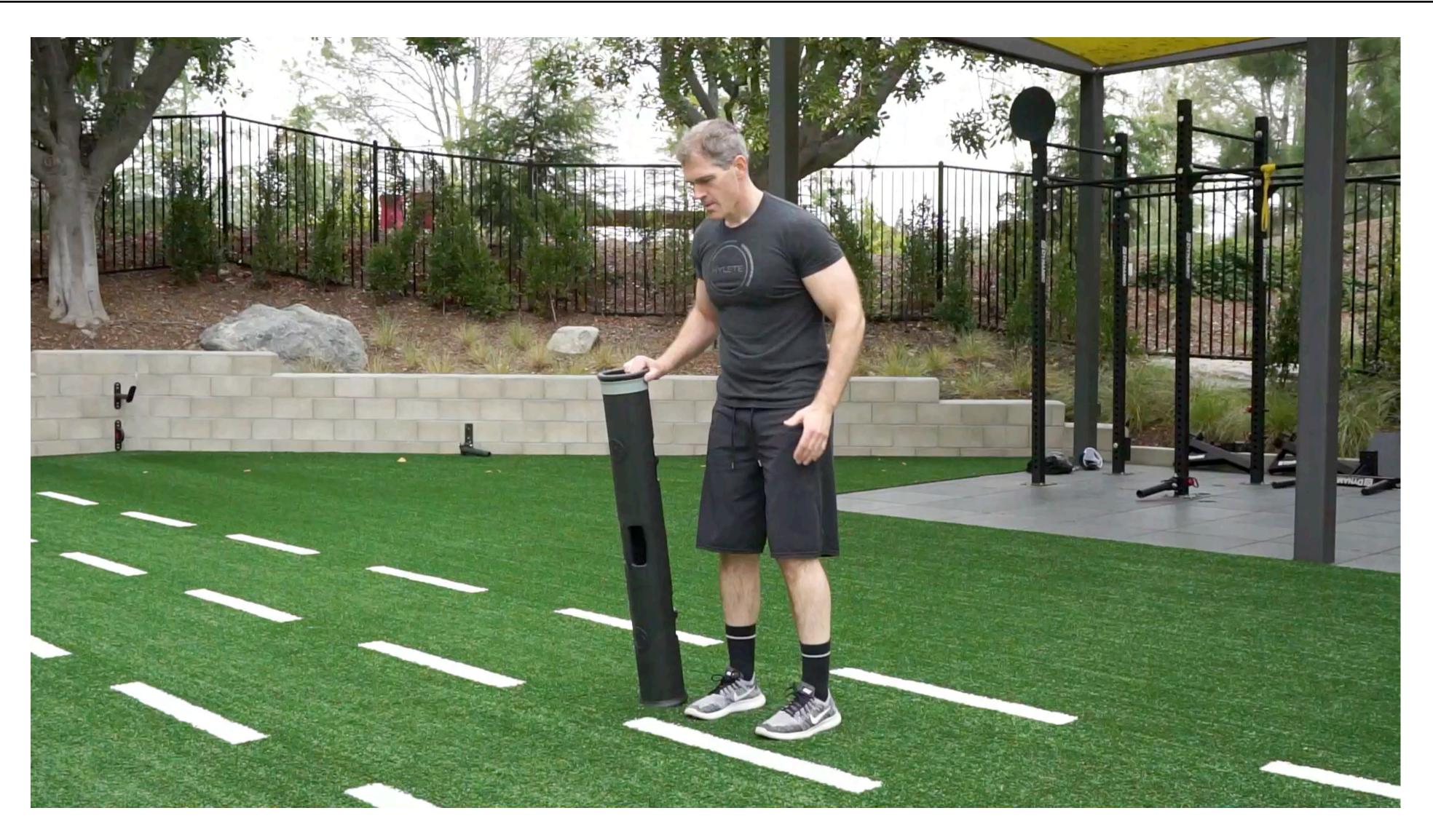




# **DECELERATION**: <u>Posterior</u> Split, Counter Tilt





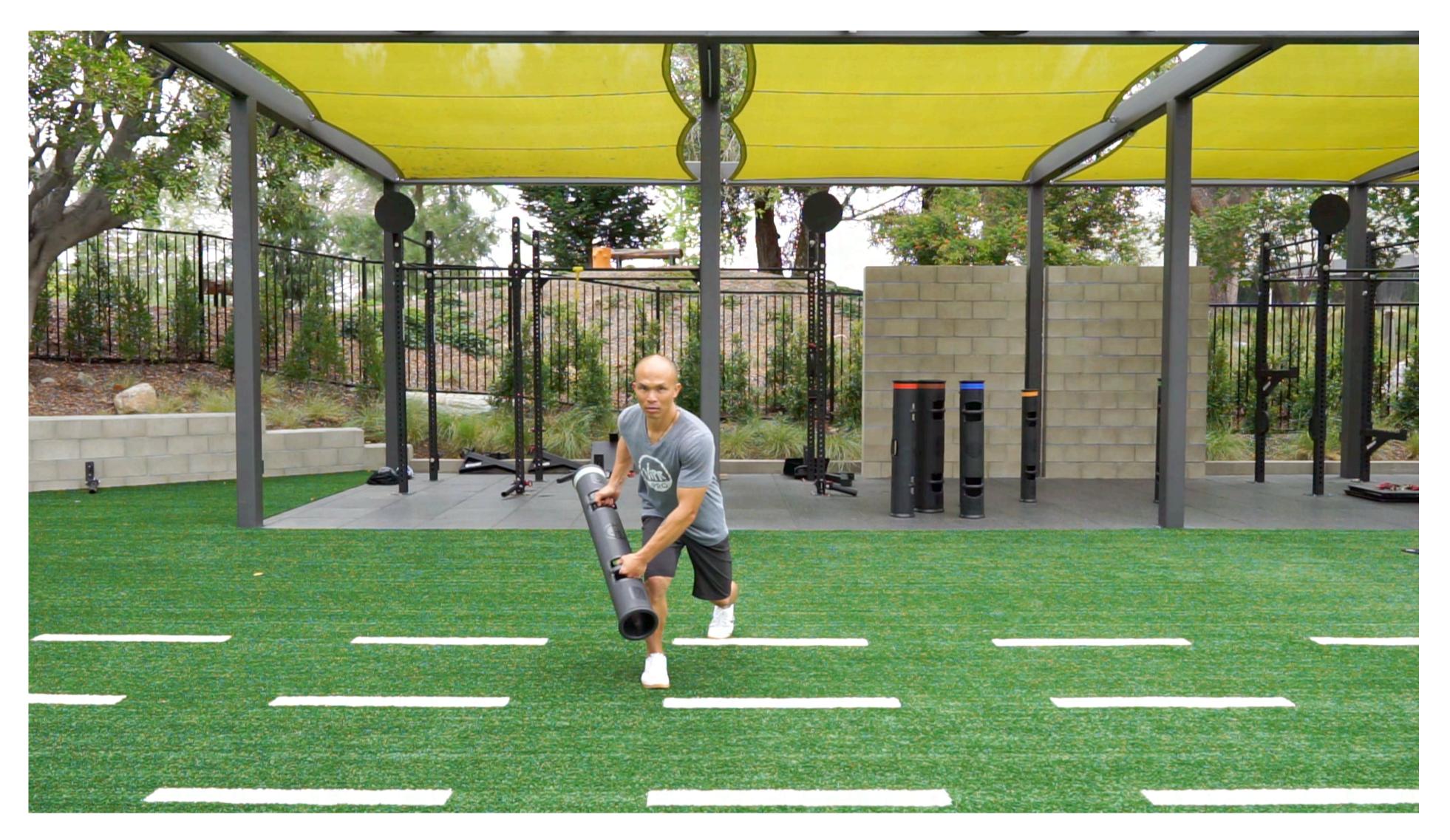


# **CONVERSION**: <u>Sagittal</u> Split-Knee Drive Tilt







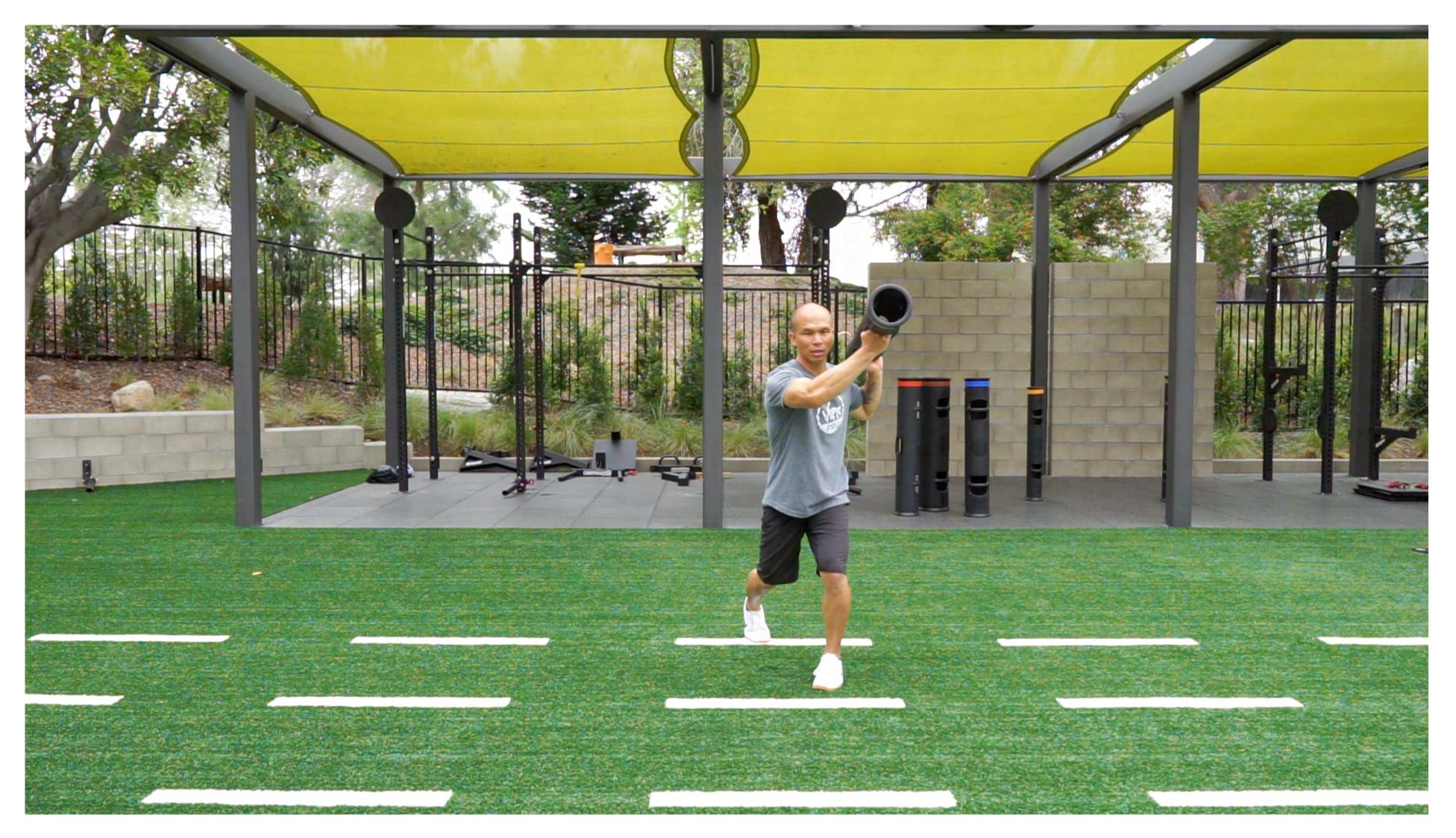








# **DECELERATION**: Split to Lateral Split, Chop

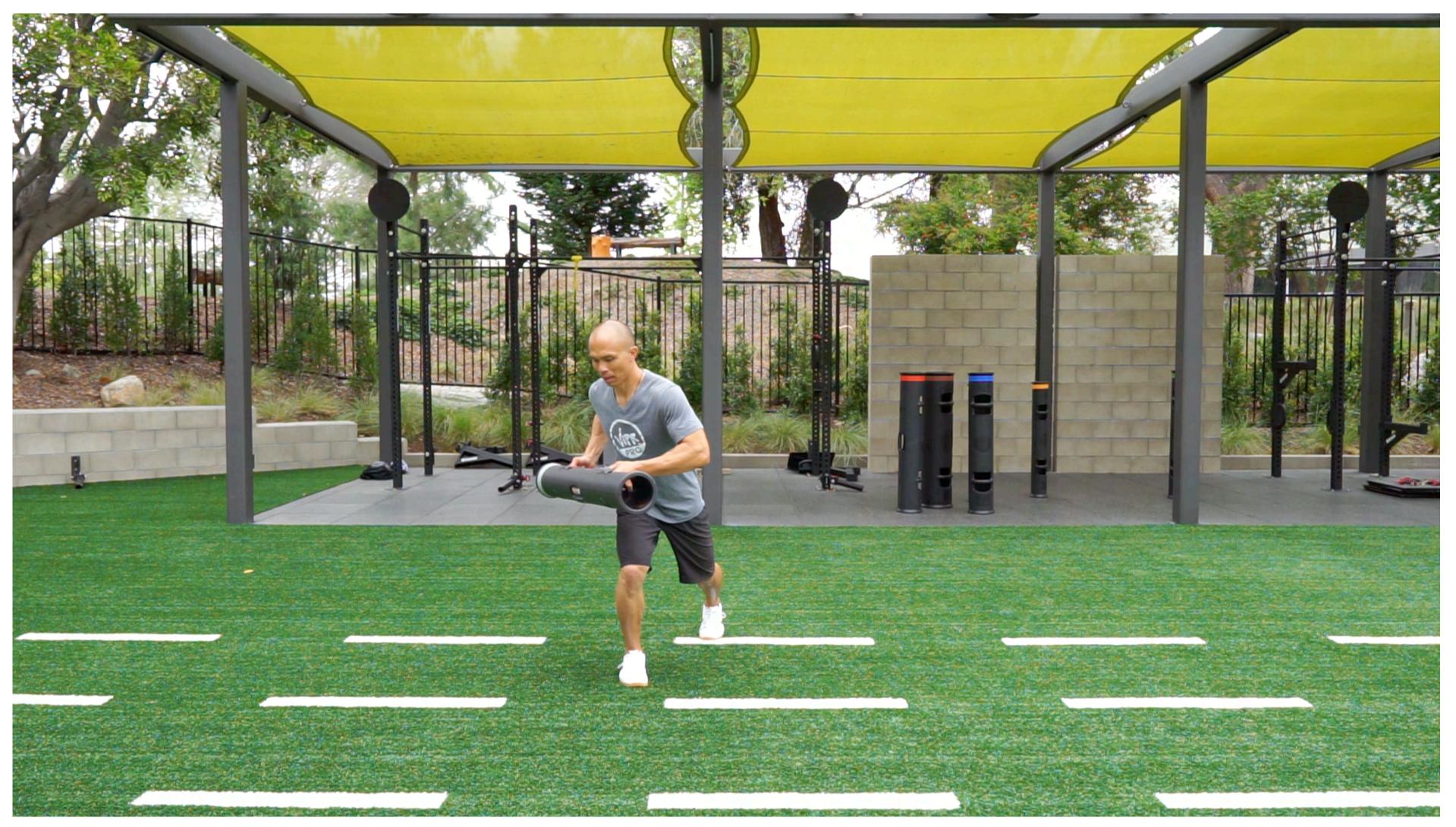


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# **CONVERSION**: Lateral Skater Bounce | Uppercut- Chop

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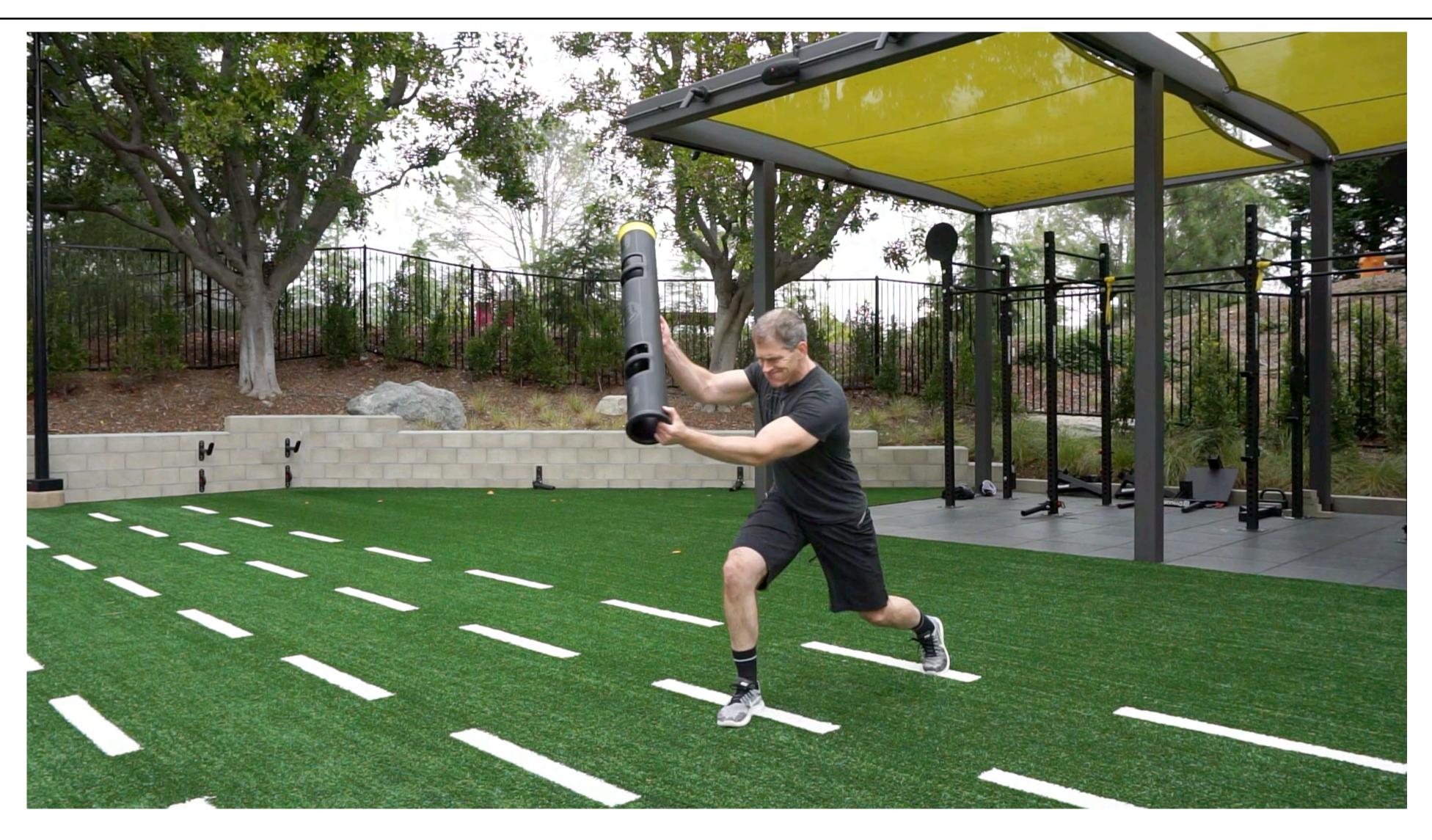








# **ACCELERATION**: Neutral to Split, Rotational Shovel

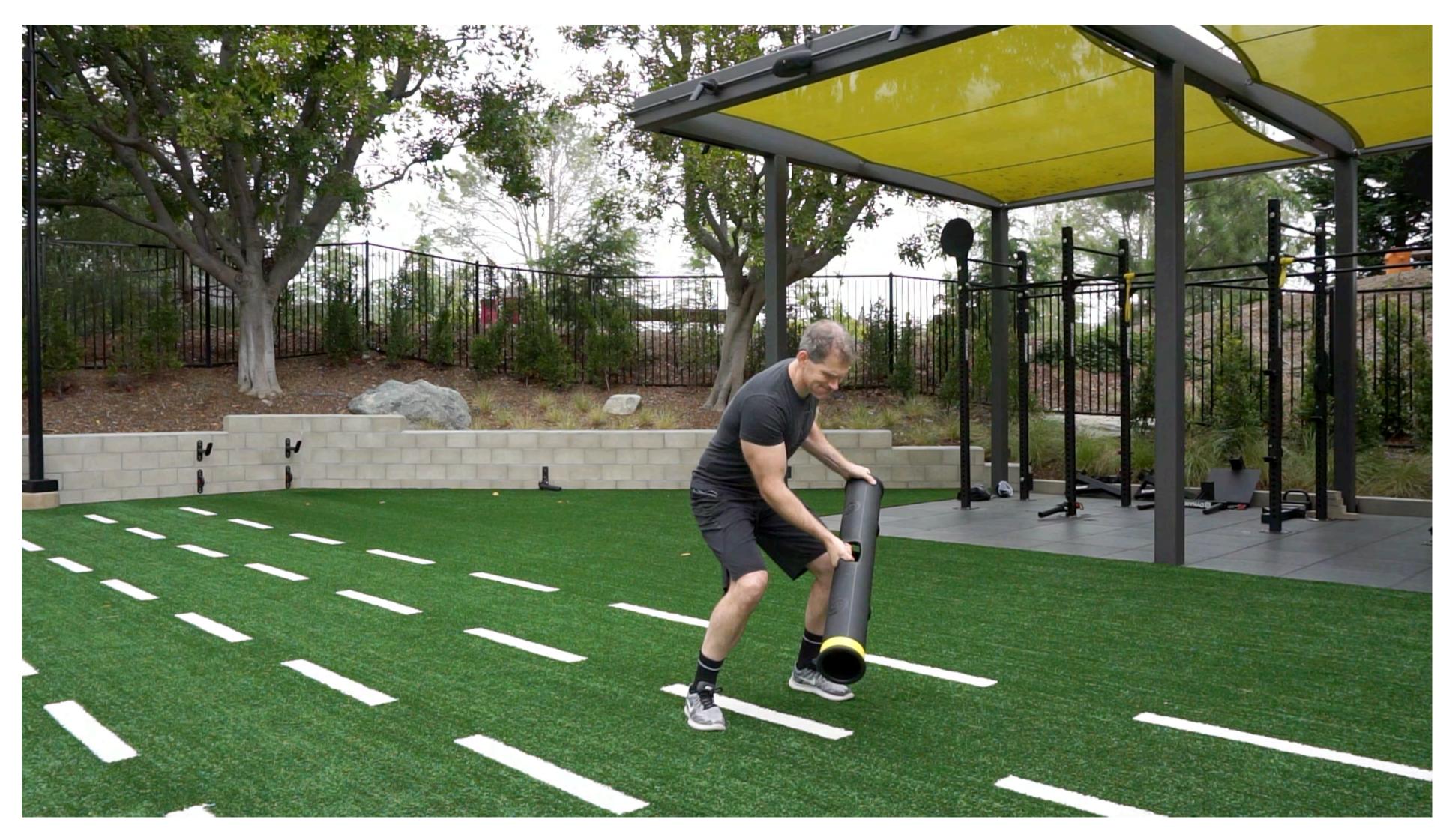








# **DECELERATION**: Split to Neutral, Rotational Chop









# **CONVERSION**: Neutral to Neutral, Shovel/Chop

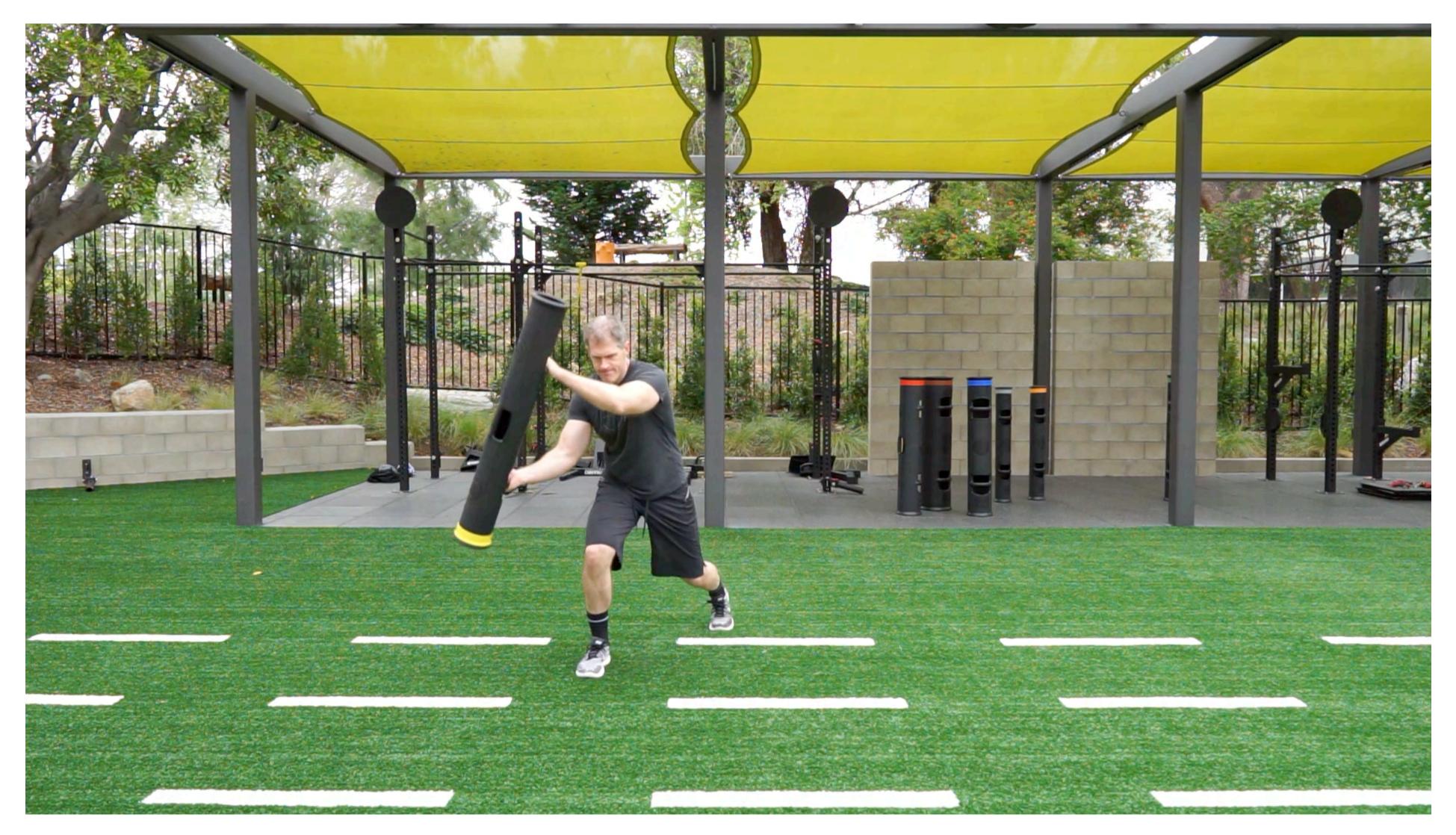








# ACCELERATION: Split to Lateral, OH Neutral Shift



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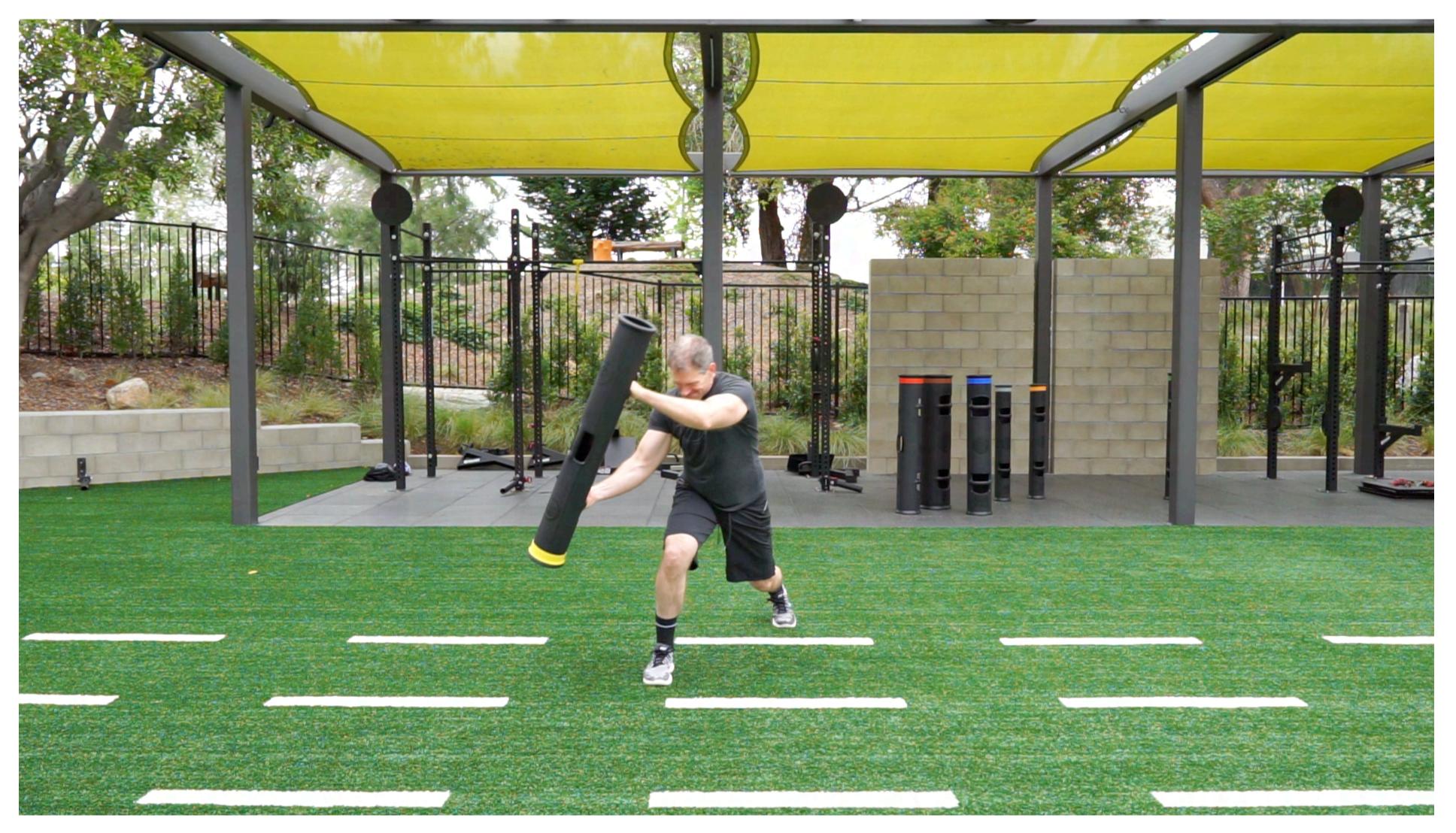
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# **DECELERATION**: Neutral/Posterior Split, Drop

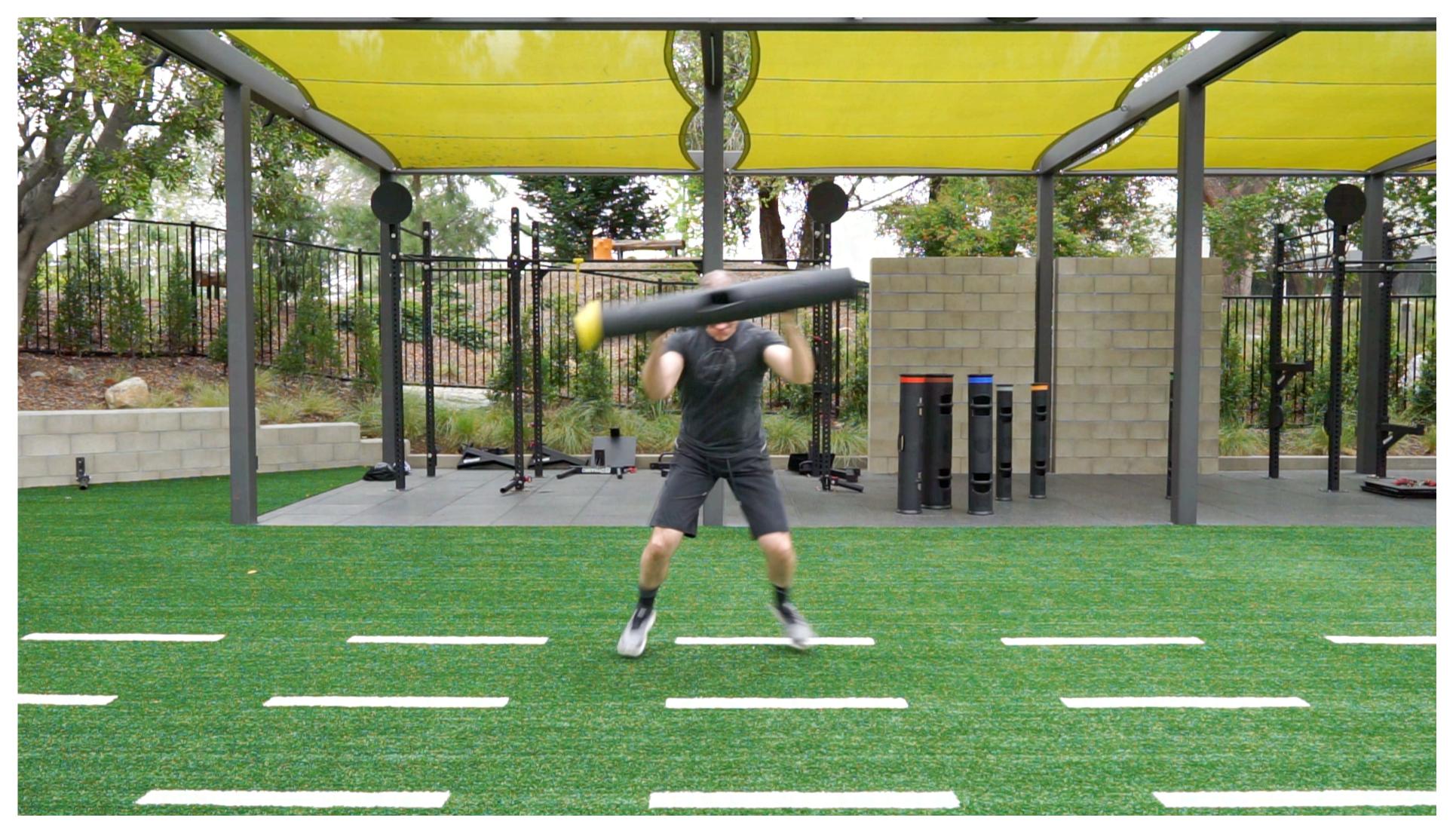








# **CONVERSION**: Split to Split Bounce, Shift/Drop

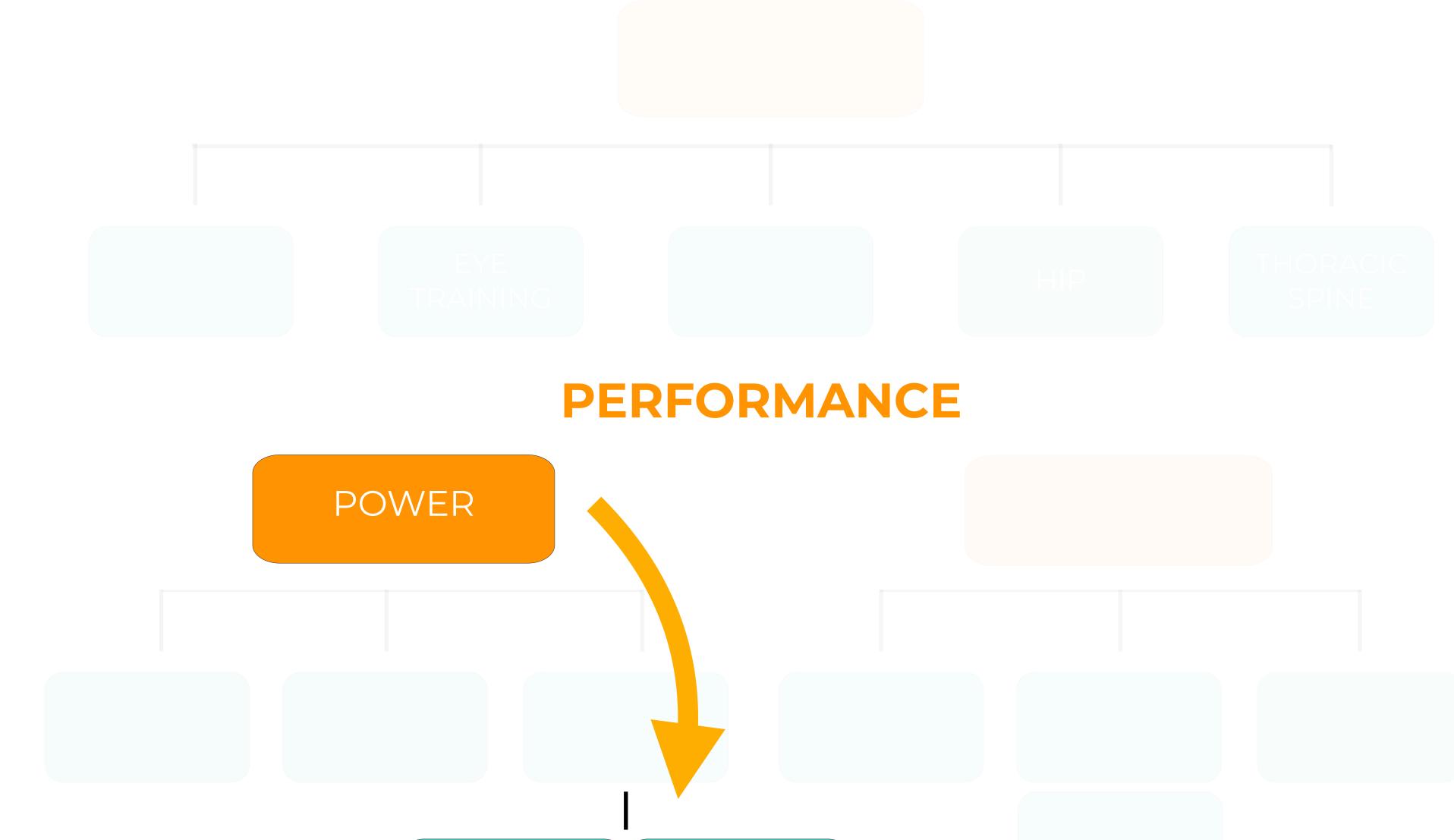






### **PROGRAMMING ROAD MAP** PREPARATION





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PLYOMETRICS





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 SAQ Drills are designed to rapidly excite the nervous system, while exhausting immediate substrates.

This will create a nerves adaptation to better coordinate movement tasks, while flooding the body with metabolites (i.e. Fatigue), forcing the systems of the body to buffer, efflux and otherwise deal with accumulations of fatigue.

In sports which require undulating energy utility, these drills are a must.





# LINEAR AGILITY: Sagittal Runs, Tilt







# **3D AGILITY**: Wide Preposition, Lateral Hurdles



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# LINEAR QUICKNESS: Preposition, Quick In-Out









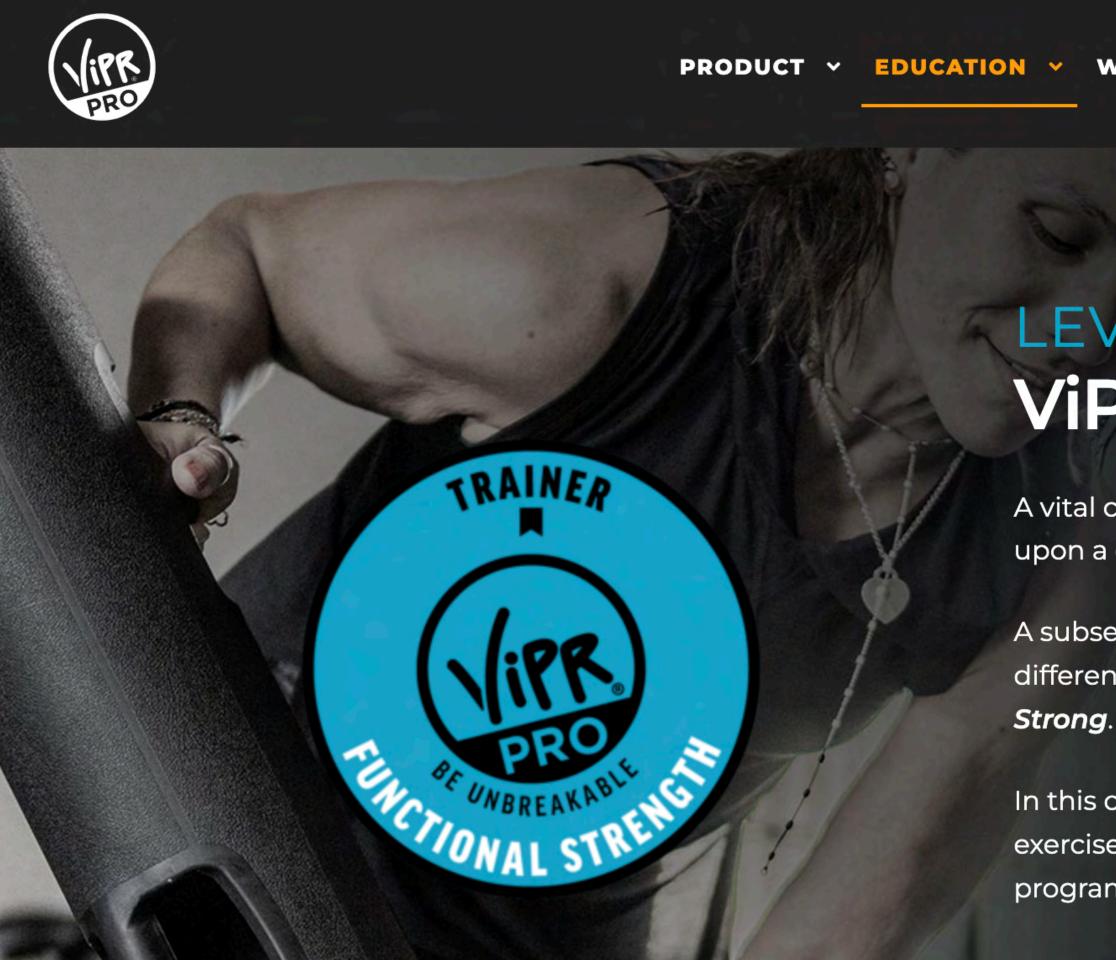
## **3D QUICKNESS**: Offset Preposition Lateral Quick Feet











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WORKOUT WITH VIPR PRO® ~



## LEVEL 1 **VIPR PRO®** FUNCTIONAL STRENGTH

A vital component of health and human performance is the ability to generate force based upon a demand. This is called Strength.

A subset of strength, is the ability to create purposeful force for a variety of different tasks; with different speeds/angles/loads. We call this Functional Strength, or in other words Being Farm

In this course, you will learn about the concept behind ViPR PRO®, explore ViPR PRO® exercises for five fundamental movement patterns and how to implement these into programming.







### LEVEL 2 VIPR PRO® TEAM TRAINING

The ViPR PRO® Team Training is a two parts course, a video-rich curriculum that will teach you everything you need to know about ViPR PRO® Team Training – which we call ViPR PRO® Training Camp.

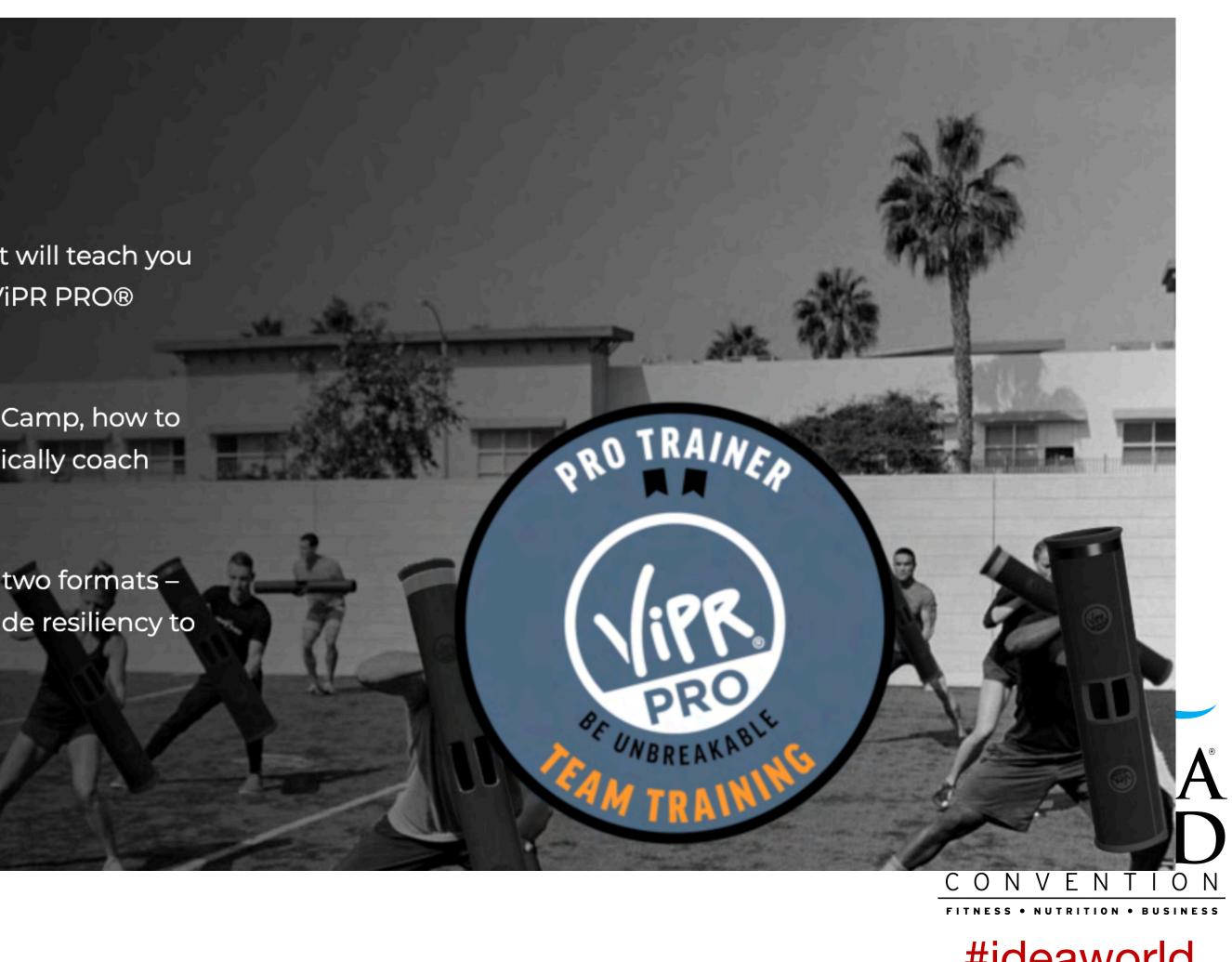
In part 1, we will explore the science of farm strong, how to decide your Training Camp, how to set it up, how to program for Training Camp, and how to effectively and authentically coach ViPR PRO® Training Camp.

Part 2 provides the content and programming for ViPR PRO® Training Camp in two formats – StrengthCon and MetCon. These programs are specifically designed for body-wide resiliency to make you unbreakable.

#### **Course Objectives**

# EDUCATION

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- Hashtags: #viprpro #BeUbreakable #farmstrong

## **SUPPORT:**

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