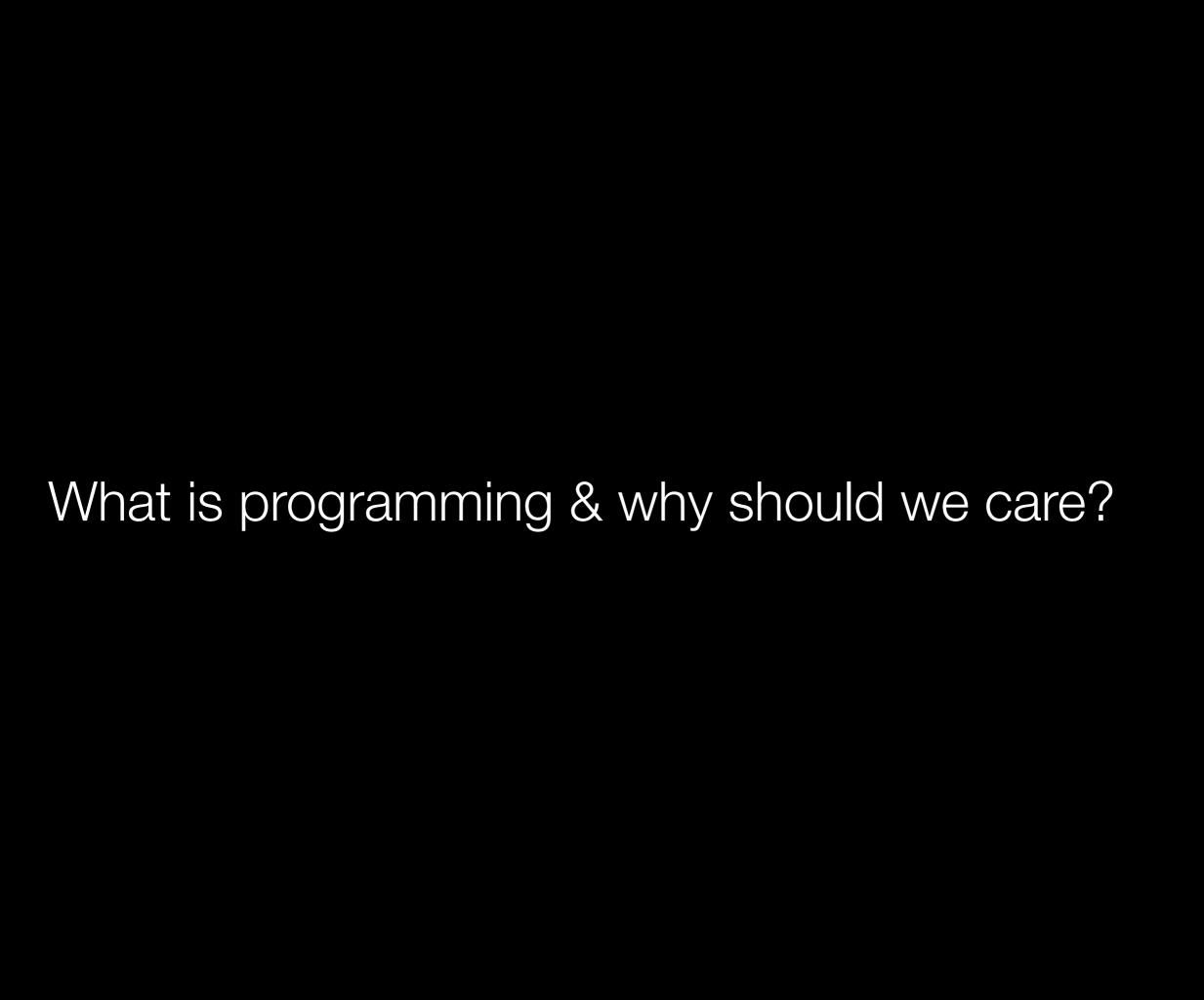


Thank you!!

Thank You

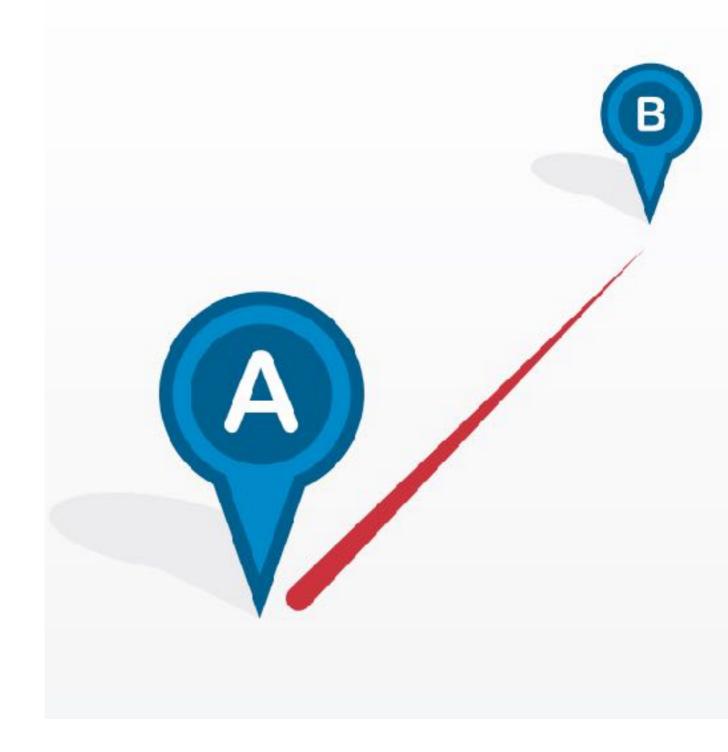


(3) kinetikos



Strategy to Achieve Goal

Series of training sessions repeated over time to elicit a specific adaptation from the body.



What people buy

- Which order for exercises
- Sets/reps & other variables
- How long to do the exercises
- When to change things
- What to change
- · etc.



Establish goal & reverse engineer.

"The goal is to keep the goal the goal."

Dan John



Athlete

- Stronger
- Faster
- More Power
- More Endurance
- Increased Performance
- More Resiliency
- Injury Prevention
- Increased Lean Mass?



Gen-Pop

- Feel Better
- Can Do What They Love
- Look Better
- Stronger
- More Power
- More Endurance
- More Resiliency
- Injury Prevention



Needs Analysis

What are components of goal?



KB Snatch Test

- 100x in 5 mins
- KB weight according to body weight (mine was 24kg KB)



KB Snatch Test

- Arms easily overhead
- Press the KB
- Excellent hinge mechanics
- Anti-extension core endurance
- Clean the KB 100x in 5 min
 - Swing Double/Single
- ESD for 5 min high output



USB C&P Test

5 minute

· Women

- Under 150lbs: 40lbs Strength 50x
- Over 150lbs: 60lbs Strength 40x

· Men

- Under 171lbs: 60lbs Strength 50x
- 171 210lbs: 80lbs Burly 40x
- Over 210lbs: 100lbs Burly 40x



USB C&P Test

- Arms overhead easily
- Excellent hinge, clean, & press mechanics
- Able to clean the USB 50x in 5 min
- Able to press the USB overhead
 50x in 5 min
- High upper back endurance strength
- Core endurance (especially anterior chain)
- ESD for 5 min high output



A. Housewife

100km mountain hike/race



B. Pro Rugby Athlete

Run faster in matches



Must establish

- 1. Where is client/athlete starting from?
- 2. What is adaptable level of stress?
- 3. How much time can be dedicated per week?
- 4. How much time is available to reach the desired goal?

Where are they starting from?

- Questions
- Screens
- Assessments
- Tests



Risk vs Reward

Why Mike Boyle doesn't Back Squat



Why programs fail

- Unrealistic
- Impractical
- Unfocused
- Unmonitored



Adaptation is a process.

Thoughtfully Applied Stress

Programming is repeating training sessions with incremental progression to give adaptable exposure to stress.



Sufficient exposure

- Must encounter enough to push body to adapt
- Less frequent sessions must be more similar
 - 1x week same session 5-6 weeks straight



Graded exposure

- What can they reasonably recover from?
- Frequency, volume & intensity determined by recovery capacity
- Less recovery capacity requires less stress & slower progression



Stress summates

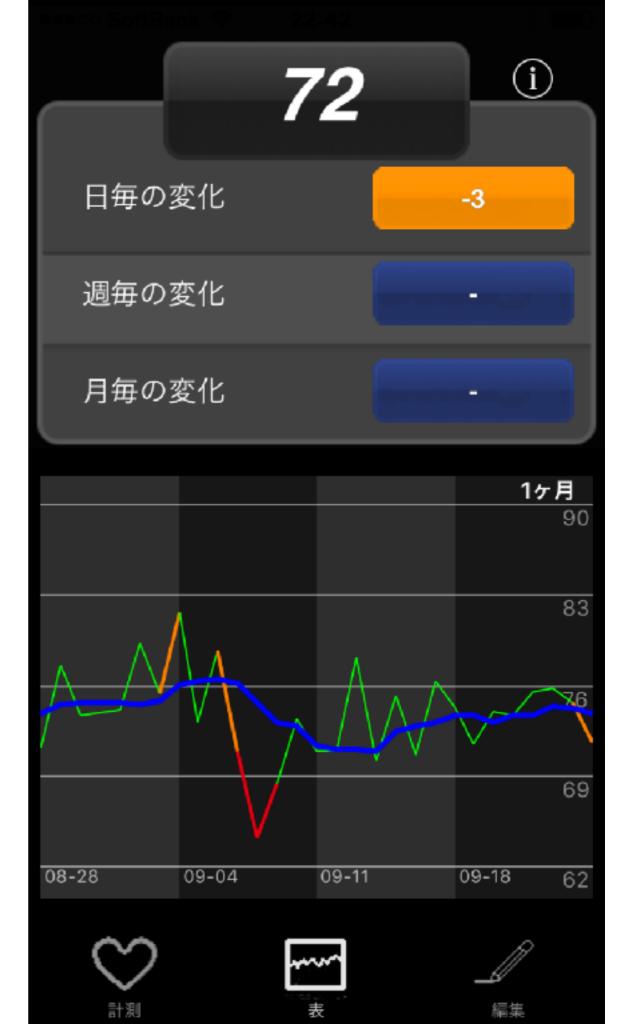
- Mental
 - Worry / Anxiety
 - Conflict
 - Sadness
- Physical
 - Training
 - · Lack of sleep
 - Poor nutrition



Monitoring

- What can they adapt to today?
- Identify & account for low recovery days
- Reduce volume first, then intensity
- Less is more



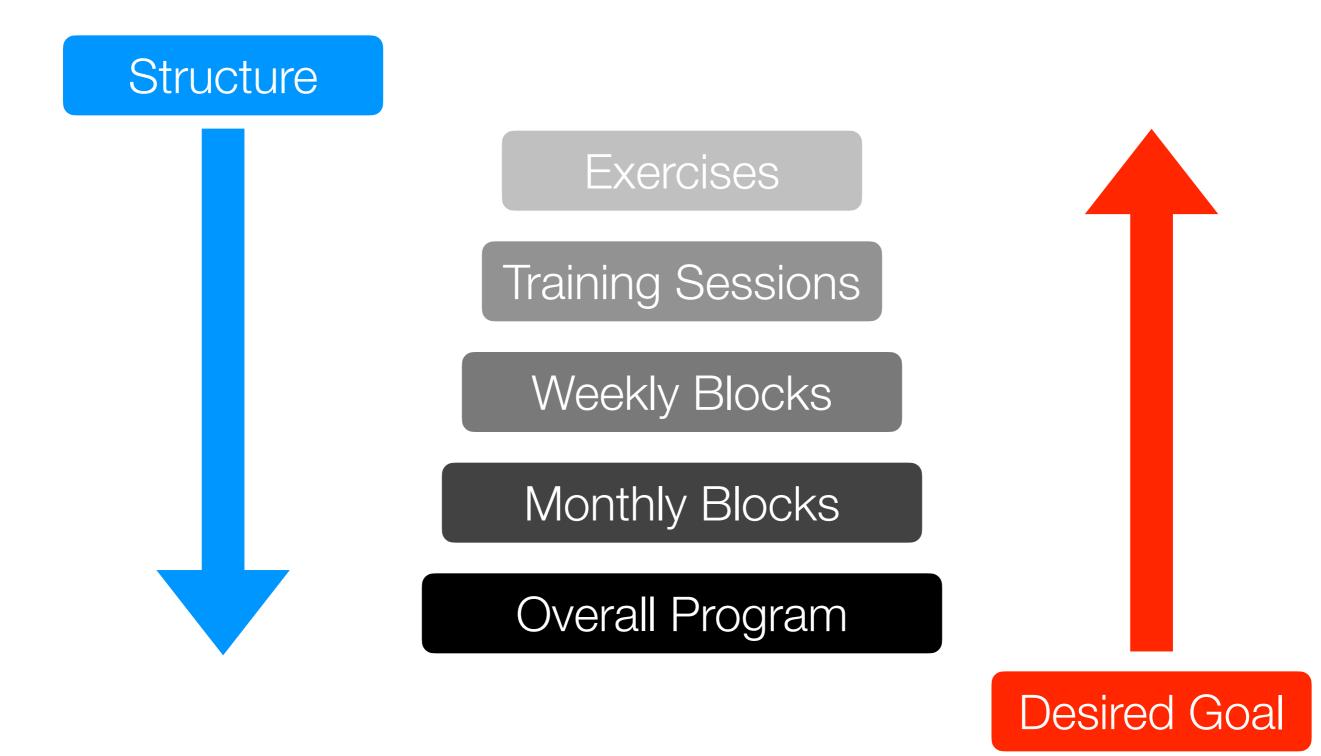


Programming requires structure.

Emphasized qualities based on goals

- Determine Qualities
 - Consider Methods
 - Pick Exercises/Implements





"The fact that it's much, much, much harder to get something for the first time, than it is to keep it or get it back if you've lost it, is why we use periodization blocks in the first place. With a periodization block, basically you stop doing some things so you can redirect your time, energy and will on making gains in a particular something else, the block is long enough so you can get into the zone to accomplish it and make meaningful progress."

JUJIMUFU acrobolix.com

Periodization

- Main focus during that period of time
- Can build multiple qualities simultaneously if underdeveloped
- Consider individual
- · KISS
- Don't get too specific too fast GPP



Training Session

- Mobilization
- Activation
- Power
- Core*
- · SAQ
- Strength
- ESD (Conditioning)
- Library structured to facilitate



Mobilization

- Joint complexes
 - Thoracic
 - Hips
 - Ankles
 - Integrated



Activation

- Chains
 - Anterior
 - Posterior
 - Lateral
 - Contra-Lateral
 - Integrated



Power

- Equipment & Direction
 - Bodyweight
 - Heavy Linear
 - Heavy Lateral
 - Throws



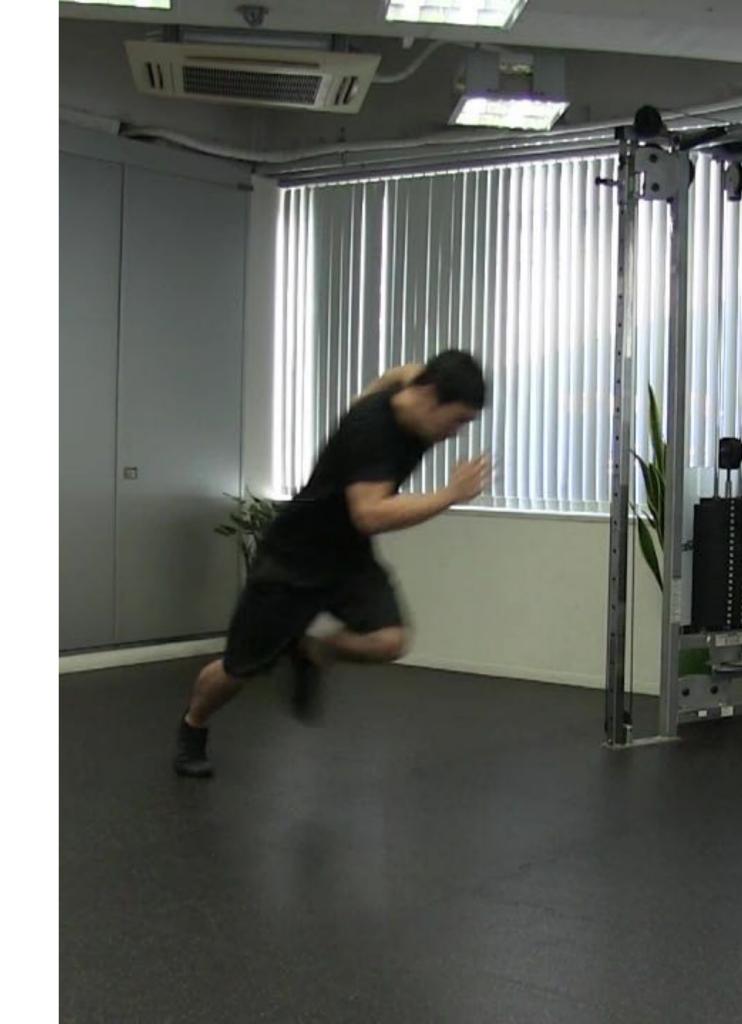
Core

- Resist extraneous motion
 - Anti-extension
 - Anti-lateral flexion
 - Anti-rotation
 - PNF
 - · Get Up



SAQ

- Direction
 - Linear
 - Lateral



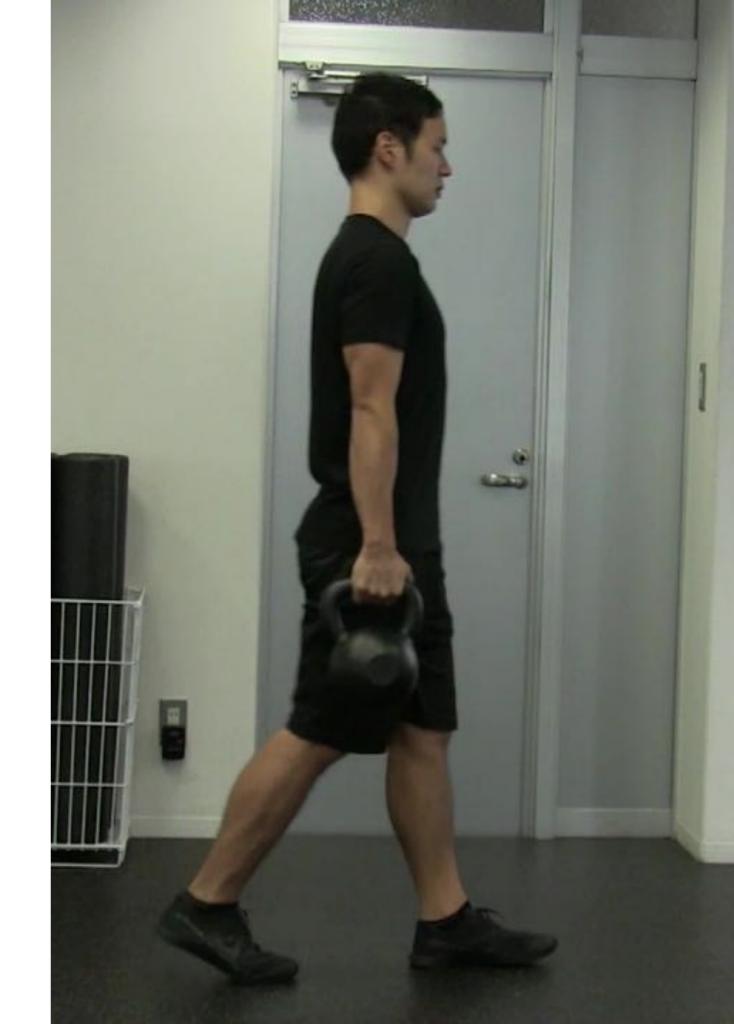
Strength

- By movement
 - Hinge
 - Squat
 - · Lunge Step
 - Push (V & H)
 - Pull (V & H)
- Accessory Knee & Periscapula



Conditioning / ESD

- · By mode
 - Cardio
 - Carries



Transformation

- X-pattern eccentric to concentric transition
- By chain
 - Anterior
 - Posterior
 - Rotation



Training Session

Mobilization / Activation

8-10 EX: Whole body or task at hand

Power

1-2 EX: Volume & intensity based on goal. Inverse to strength & ESD

Core

1-2 EX: Own section or couple with power, strength, or ESD

· SAQ

 1-3 EX: Low volume & intensity when in comprehensive session (can be own session)

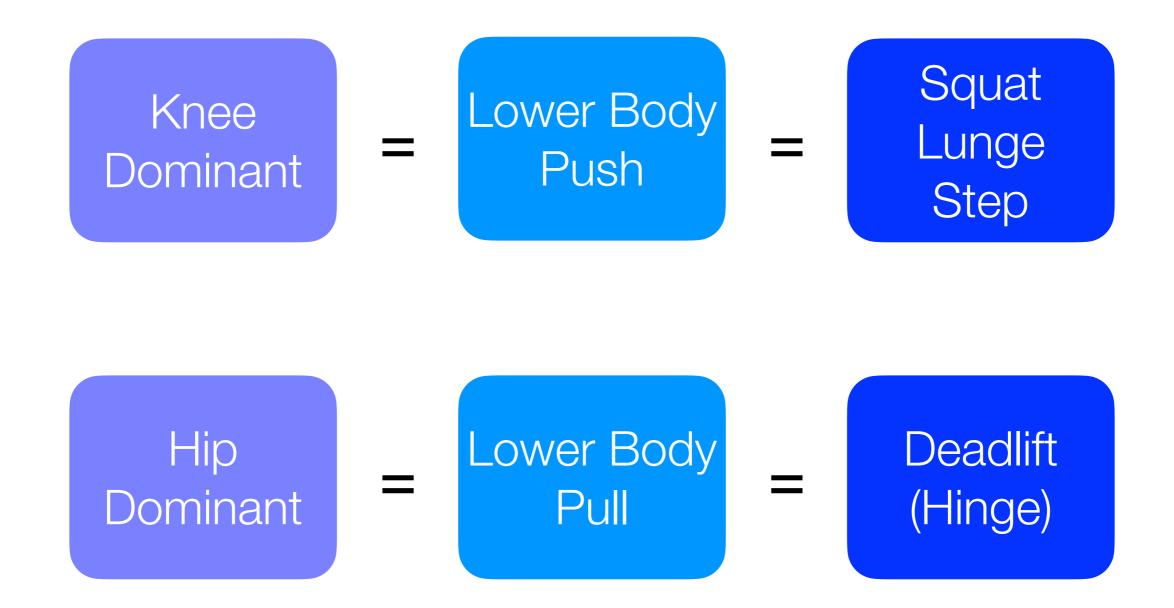
Strength

2-6 EX: Volume & intensity based on goal. Inverse to power & ESD

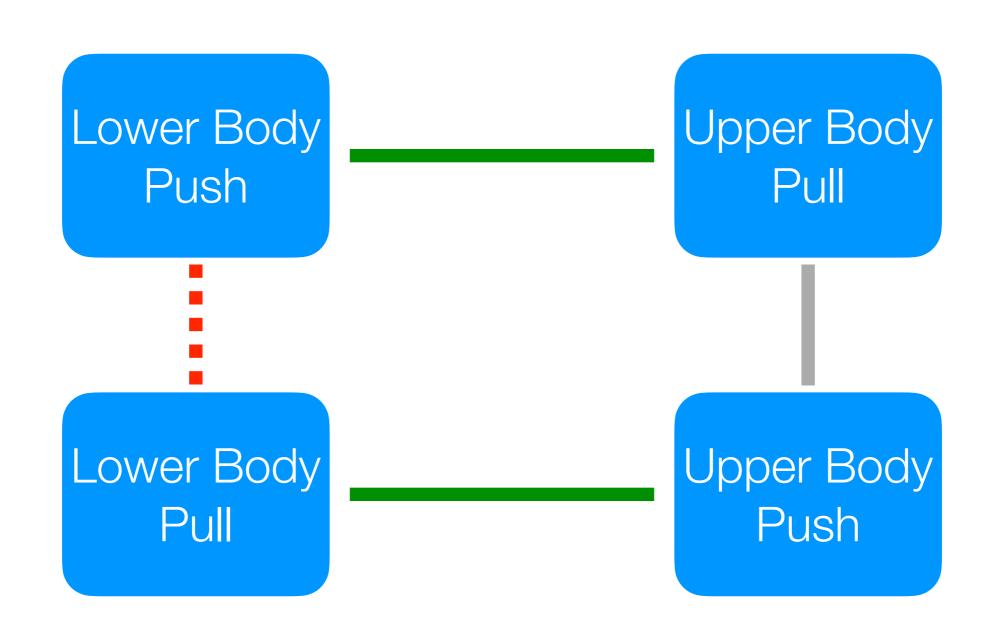
ESD (Conditioning)

- 10-15 min when in comprehensive session (can be own session)
- Transformation exercises?

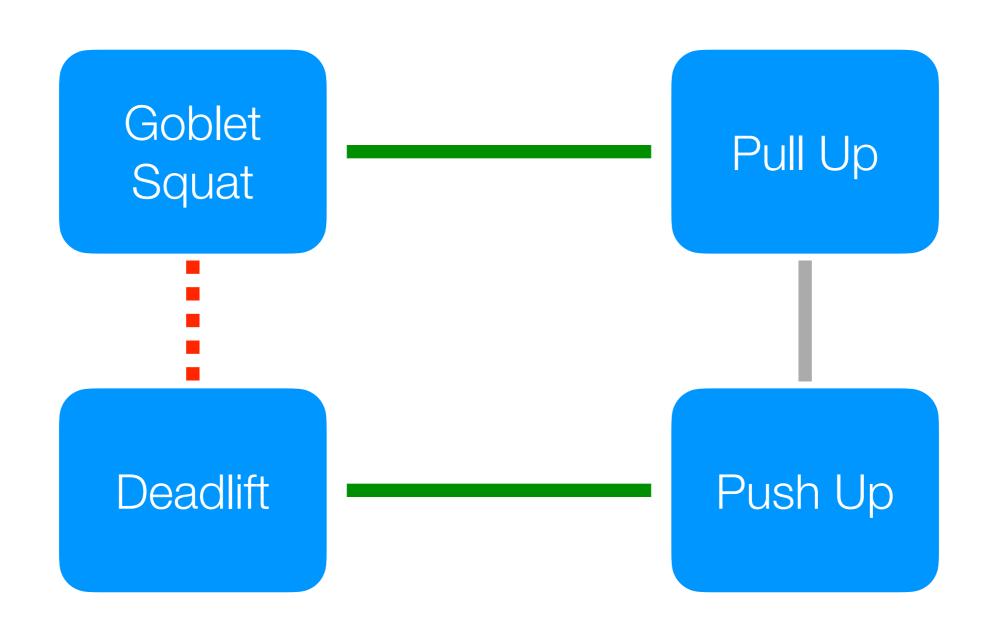
Linking Exercises



Linking Exercises



Linking Exercises



Linking Exercises: Non-Competing Chains



Linking Exercises: Non-Competing Chains

Posterior Anterior Rotational

Deadlift Push Up

AntiRotation
Press

Linking Exercises: Non-Competing Chains

Anterior Posterior Lateral

Goblet
Squat

Pull Up

Side Bridge

Circuits

- Elaborate super-setting
- Efficiency & Density
- Time Based vs Rep Based
- Intent determines time interval
 - · 40:20
 - Negative rest essentially cardio session
 - · 20:40 (or 15:45)
 - Positive rest can develop strength & power (Coach Dos Remedios)



Circuits

- · HIIT
 - · HIGH
 - · INTENSITY
 - · INTERVAL
 - · TRAINING
- HISS (Michol Dalcourt)
 - · HIGH
 - · INTENSITY
 - · STEADY
 - · STATE



Balancing the week: 2x week

	Day 1	Day 2	
Power	Linear	Lateral	
Core	Anti-Lateral Flexion	Anti-Extension	
Strength 1	Bilateral Hinge	Bilateral Squat	
Strength 2	Bilateral Push	Bilateral Pull	
Strength 3	Unilateral Squat	Unilateral Hinge	
Strength 4	Unilateral Pull	Unilateral Push	

Balancing the week: 3x week

	Day 1	Day 2	Day 3
Power	Linear	Lateral	Body Weight
Core	Anti-Lateral Flexion	Anti-Extension	Anti-Rotation
Strength 1	Bilateral Hinge	Bilateral Squat	Unilateral Hinge
Strength 2	Bilateral Push	Bilateral Pull	Unilateral Push
Strength 3	Unilateral Squat	Knee Flexion	Unilateral Squat
Strength 4	Unilateral Pull	Unilateral Push	Periscapular (Pull Based)

Balancing the week: 4x week

	Day 1	Day 2	Day 3	Day 4
Power	Lateral	Linear	Lateral	Linear
Core	Anti- Extension	Anti-Lateral Flexion	PNF	Anti-Rotation
Strength 1	Bilateral Hinge	Bilateral Push	Bilateral Squat	Bilateral Pull
Strength 2	Unilateral Squat	Unilateral Pull	Unilateral Hinge	Unilateral Push
Strength 3	Knee Flexion	Periscapular	Knee Flexion	Periscapular

Templates

- Don't reinvent the wheel
- Similar framework & movements tailored to individual
 - Hinge 3x8
 - Trap Bar | Deadlift
 - · USB | Deadlift
 - · BB | Sumo | Deadlift
 - Establish baseline & set alternates

DAY 1					
Basel	lne .	Alterr	nate #1	Alterr	nate #2
(USB High Pull	0	KB Swing	0	BB High Pull
	Trap Bar Deadlift	0	USB Deadlift	0	BB Sumo Dead ift
•	KB 1 Hand OH Press	0	USB Haif Kneeling Arc Press	0	KB 2 Hand OH Press
	KB Goblet RFE Split Squat	0	DB Reverse Lunge	0	DB RFE Splrt Squat
•	Suspension Feet Elevated Inverted Row	0	Suspension Row	0	USB Bent Over Row
DAY 2					
Basel	ine	Alterr	nate #1	Alterr	nate #2
•	Cable Half Kneeling Anti-Rotation Press	0	Cable Tall Kneeling Arti- Rotation Press	0	Cable Half Kneeling Hover Ant-Rotation Press

Progression is systematic.

Progression

- Load is most common
- Often neglected (Josh Henkin):
 - Body Position
 - Implement
 - Load Position
 - Plane of Motion
 - · Speed
- Make heavy weight light and light weight heavy



Progression

- Short term (month block)
 - · Load & Volume
 - \cdot 3x8@20kg -> 3x10@25kg
- Long term (month to month)
 - Body Position
 - Implement
 - Load Position
 - Plane of Motion



Hard Progression vs Soft Progression

- KB | Deadlift
- USB | Deadlift
- USB | Good Morning
- Trap Bar | Deadlift
- BB | Sumo | Deadlift
- BB | Deadlift

"Earn your progression."

Chris Frankel



"The hardest thing that you do well."

Craig Liebenson



Counterintuitive

- Not how hard it feels, how well it is executed
- Tall Kneeling | Anti-Rotation
 Press
- Standing | Anti-Rotation Press



Counterintuitive

- Load can make things easier
- USB | Squat with Press Out easier than bodyweight version
- Heavier implement can sometimes help feel power exercises



Counterintuitive

- Unilateral is not always a progression from bilateral
- If asymmetrical, unilateral may be the best starting point



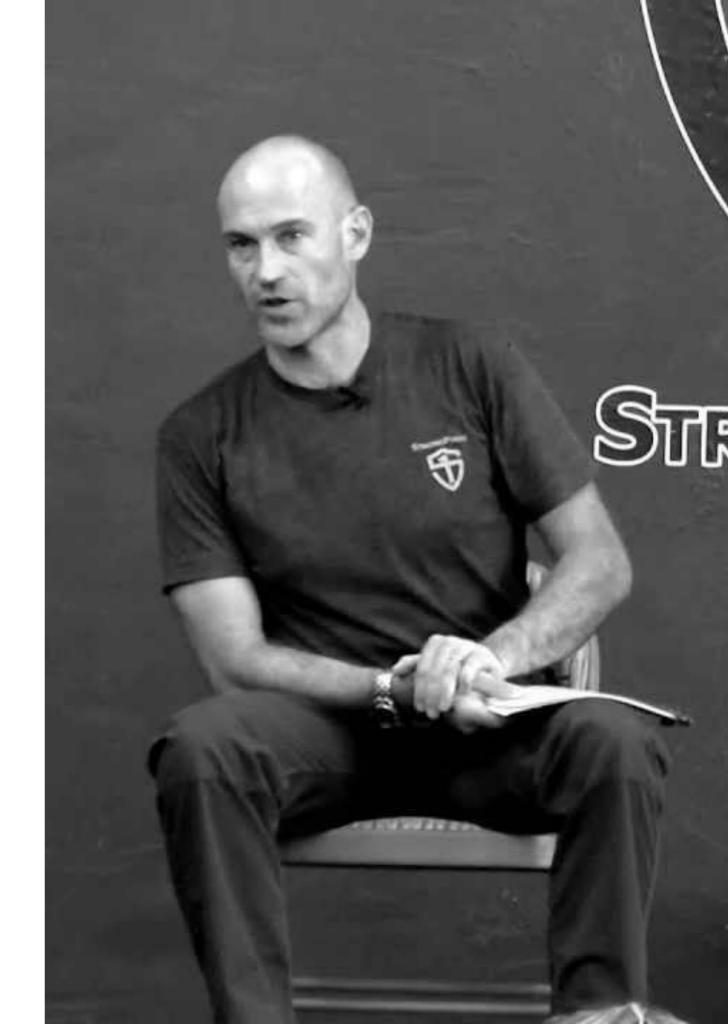
Progression, Variation, NOT Random

Novel input through progressive variety within adaptable framework



"Same but different."

Pavel Tsatsouline





What reps really mean

Near technical failure at end

The exercise library is the foundation.

Role of exercise library

- Organized to rapidly select exercises and assemble programs
- Clear, consistent structure for staff and colleagues



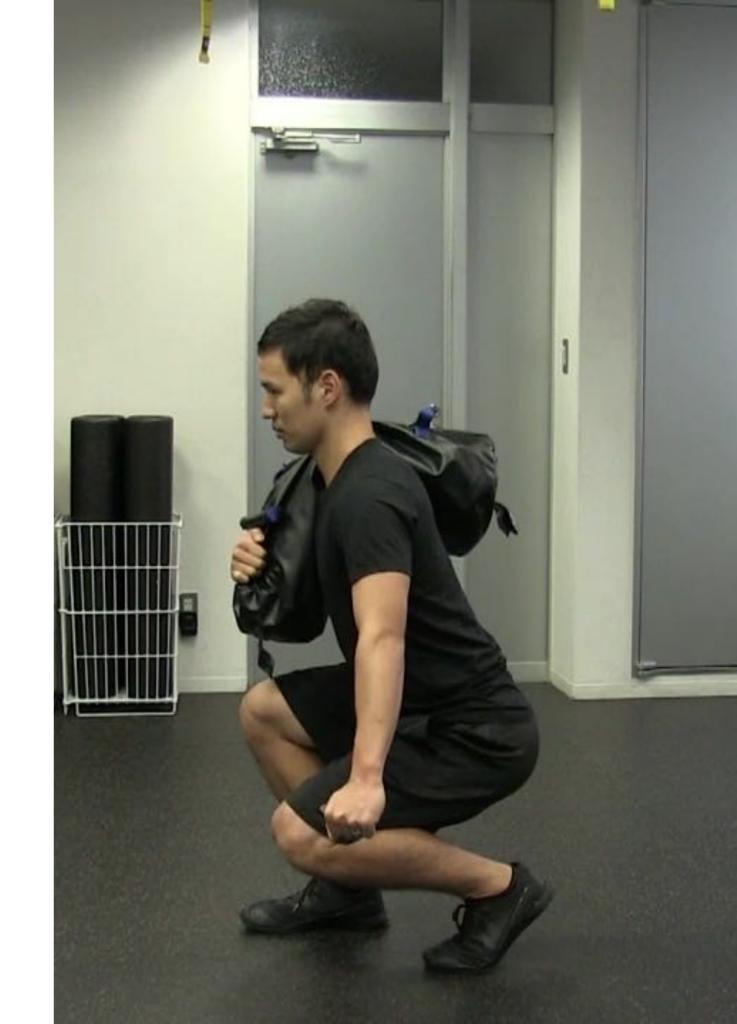
Organization

- Group & Subgroup
 - Not overly complicated
- Progressions & Regressions according to your philosophy



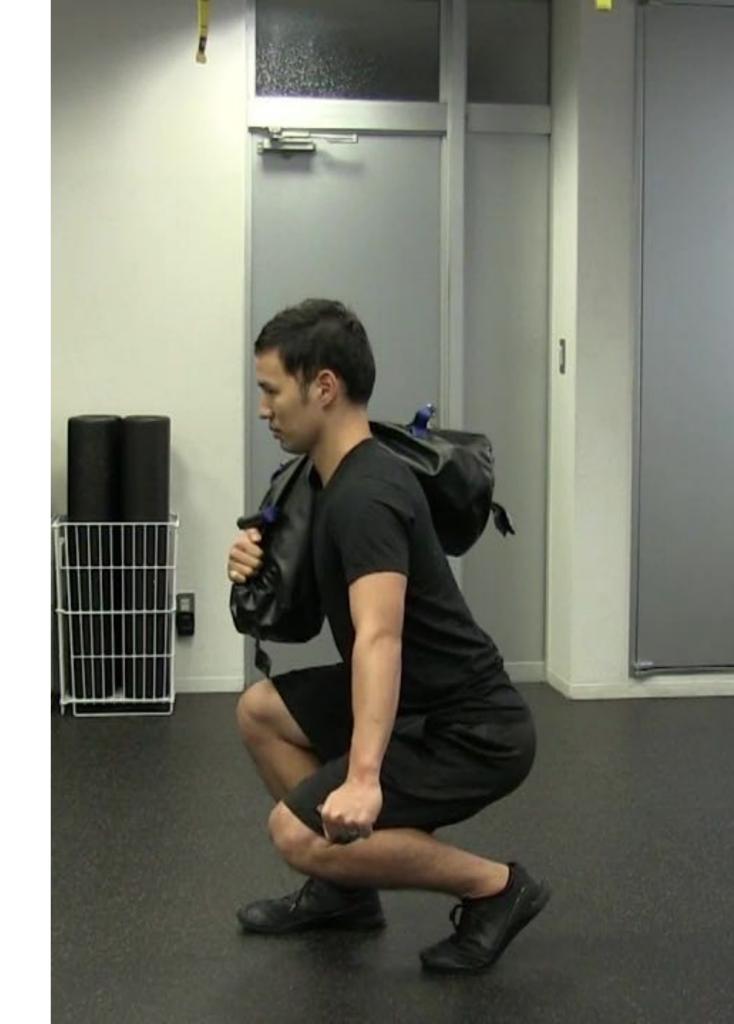
Naming protocols

- Steve Di Tomaso & Kari Negraiff
- Components of exercise
 - · Implement
 - Holding Position
 - Relative Load Position
 - Body Position
 - Activity (i.e. movement)
 - Transition



Kinetikos Library

- Movement based
- Organized by qualities (corresponds to sections of training sessions)
- No people or countries in exercises names (Mike Boyle)
- Not the only way...free to do things your way



Thank you!!

Thank You