BASIC BIOMECHANICS (In Short – Posture, Timing, Cyclic Motion, Full Range of motion)

Minimize breaking forces Improve force production through better biomechanics Maintain full range of motion

More Power, less time spent, more efficient turnover (x) every step of your race = you are faster! Less Prone to Injury!

Deconstruct Running Mechanics, Drill / Re-Program, Reconstruct

**Comfort Zone does not always equal better running mechanics"

WARM-UP / PREHAB / STABILIZATION

<u>Warm-Up/ General Mobility</u> Neck Clocks, shoulder rolls, arm circles- hugs Trunk Circles, Twist, Flexion – Extension Walking Lunges (Basic and advanced Variations) Heel Toe Raise

Dynamic Mobility

1/2 Speed Build Up // Skip // Drill Work Walking Quad Walking Knee Hugs / Piriformis **Opposite toes touch / inverted balance** 1/2 Speed Build Up // Drill Work Leg Swing Supine / Leg Swing Frontal Side Lying Hip Abduction / Hip Adduction **Quadruped Series** 3/4 Speed Build Up // Drill Work Single or Double leg Bucks Greatest Stretch in the World I and II Spider Push Ups Groiners // Mountain Climbers Squat Step Lateral Shuffle Lateral // Side Slide w arm swing 3/4 Speed Build Up // Drill Work Leg Swing Saggital / Frontal

Pre-Hab Stabilization AIS Hamstring, Hip Flexor AIS Adductor, Abductor Glute Bridge Standing Shoulder Raise Series

Drills Ankling 1-2-3 Fast Leg Drill Skip Recovery Focus Drills St Leg Skip Butt Kick into Step Over Fast Leg –Single Leg Drills Fast Leg Alternating Drills Skipping Drills



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