ChiRunning: The Best Path from Rehab to Performance



Presented by Danny Dreyer - ChiRunning Founder

The Two Main Causes of Running and Walking Injuries

Impact

- Affects the bones and joints
- Caused by poor biomechanics
- Hitting the ground too hard during the strike phase of the stride

Overuse

- Affects the muscles and soft tissue
- Caused by poor biomechanics
- Using muscles incorrectly
- Upgrading too fast
- Demanding more from a muscle than it is currently capable of providing

Two-step approach to Injuries Caused by Poor Biomechanics

Step 1:

Treat the immediate injury

Step 2:

 If the cause of the injury is biomechanical in nature, design a rehab regimen that addresses the cause(s) of the injury.

Prevent *recurrence* of injuries by correcting the *cause* at its source

ChiRunning: Based on 5 Basic Principles from T'ai Chi

The key ingredients for energy efficiency and injury prevention

#1: Body Sense what's going on

#2: Align and Relax your body

#3: Cooperate with Forces

#4: Move from Your Center

#5: Create Balance in Movement



Delete the CAUSES of most injuries directly

#1: Body Sensing

Learn to "listen" to what your body is telling you.

2 Main Areas of Focus:

Energy Efficiency

- Where do you hold tension?
- Where are you sore afterwards?
- Where do you feel effort?
 Move with less effort by sensing fatigue or ease of motion

Injury Prevention

- Where do you feel impact?
- Where do you over-exert?
- Where do you feel discomfort?
 Move safely for a lifetime by sensing discomfort or pain



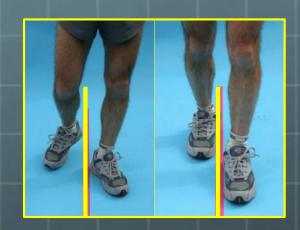
#2: Alignment & Relaxation

Directional Alignment
For Higher Efficiency

Gravitational Alignment For Greater Stability

Relax the Moving Parts

For Better Performance







#3: Cooperate with Forces

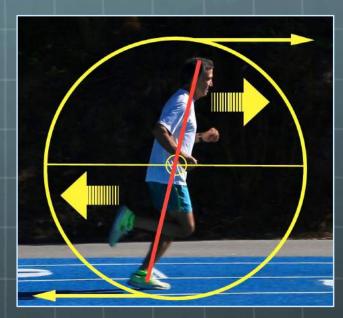
2 Forces to move with:

Pull of Gravity

- · Fall into the pull of gravity
- · Not too much... not too little
- Reduces overuse injuries

Force of the Oncoming Road

- Legs must be bent, relaxed, and swinging rearward on impact
- · Circular motion of the feet
- Reduces impact injuries





#4: Move from Your Center

Proportional Workloads for all Muscle Groups

- · Larger muscles to do the heavy work
- · Smaller muscles should do less work
- Prevents overuse injuries

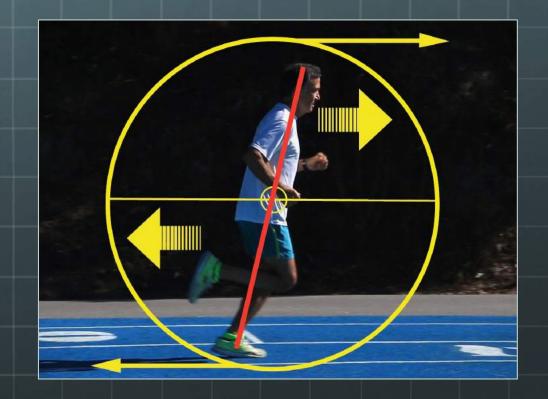




#5: Create Balance in Movement

Ease of motion through BALANCE

- Upper Body/Lower Body
- Forward/Rearward
- Side-to-Side





Structure of the ChiRunning/ChiWalking Progression

- Level 1: Basic Technique
- Level 2: Conditioning
- Level 3: Performance or Specific Application
- Level 4: Instructor Training –
 Passing the knowledge on to others



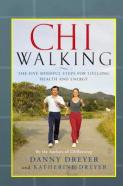
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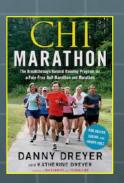
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