#### Welcome

**Ergonomic Essentials** 

February 23, 2022

*"We've built a company that we're proud of – from who we are to what we do and how we do it. Respecting the trust clients place in NFP is always top of mind." – Eric Boester, EVP and Chief Marketing Officer* 



#### **Definition of a Mentally Strong Organization**

Our people are our **most important asset.**\*

"...when they are in the green zone."

- Dr. Jeremy Hunter









# Dr. Laura Watterson Chiropractic Physician/Owner

#### What You'll Learn Today

- happens
- common issues



• Mechanics of the injuries and common complaints like upper trap pain, headaches, neck pain, neck tension and low back pain — how and why it

• Solutions to help alleviate and prevent these

 In-office and home care exercises focusing on posture/stacking our joints, core stability, hip mobility/stretching and diaphragm breathing





# Ergonomic Essentials

LAURA WATTERSON, DC

Brought to you by





### Making the Most of Your Time and Energy...

- In the clinic
- Individual and personalized messages
- Aware and mindful
- Consult a medical professional in your area and ask questions! (:
- Outliers
- Reference material available

#### Pain and Injury

- Behavior changing
- Pain and injury affects those around you
- Motivation for change
- not "All or Nothing"
- Nature vs Nurture
- Global patterns
- Compensation patterns
- How injury occurs:
  - Abnormal force to a normal tissue
  - Normal force to an abnormal tissue



#### Momentum and Inspiration

- Progress in motion
- What inspires, motivates you and drives you to work toward goals?
- Investment in your health
- Every day can be a new day to work towards positive change



#### Common Symptoms and Complaints

- Headaches, Neck muscle, TMJ muscle, upper trap and "shoulder" pain and ache
- Wrist and hand pain
- Low Back pain and "Hip Pain"
- with respect to the duration of the session today, we will aim to deliver and discuss this information in the most clear and concise way possible. We may leave out some outliers and special considerations. Please ask your medical professional for individual care and recommendations.

#### Headaches, Neck, TMJ, Upper Trap and "Shoulder" Pain and Tension

- Causes and triggers
- Head position and posture-relationship to the rest of your body
- Scupular stability and motion-relationship to the core
- Chest breathing vs. diaphragm breathing
- Jaw and neck tension
- Faulty distribution of forces
- Muscles will yell if they work too hard and/or are overloaded

#### Low Back Pain and Hip Muscle Dysfunction

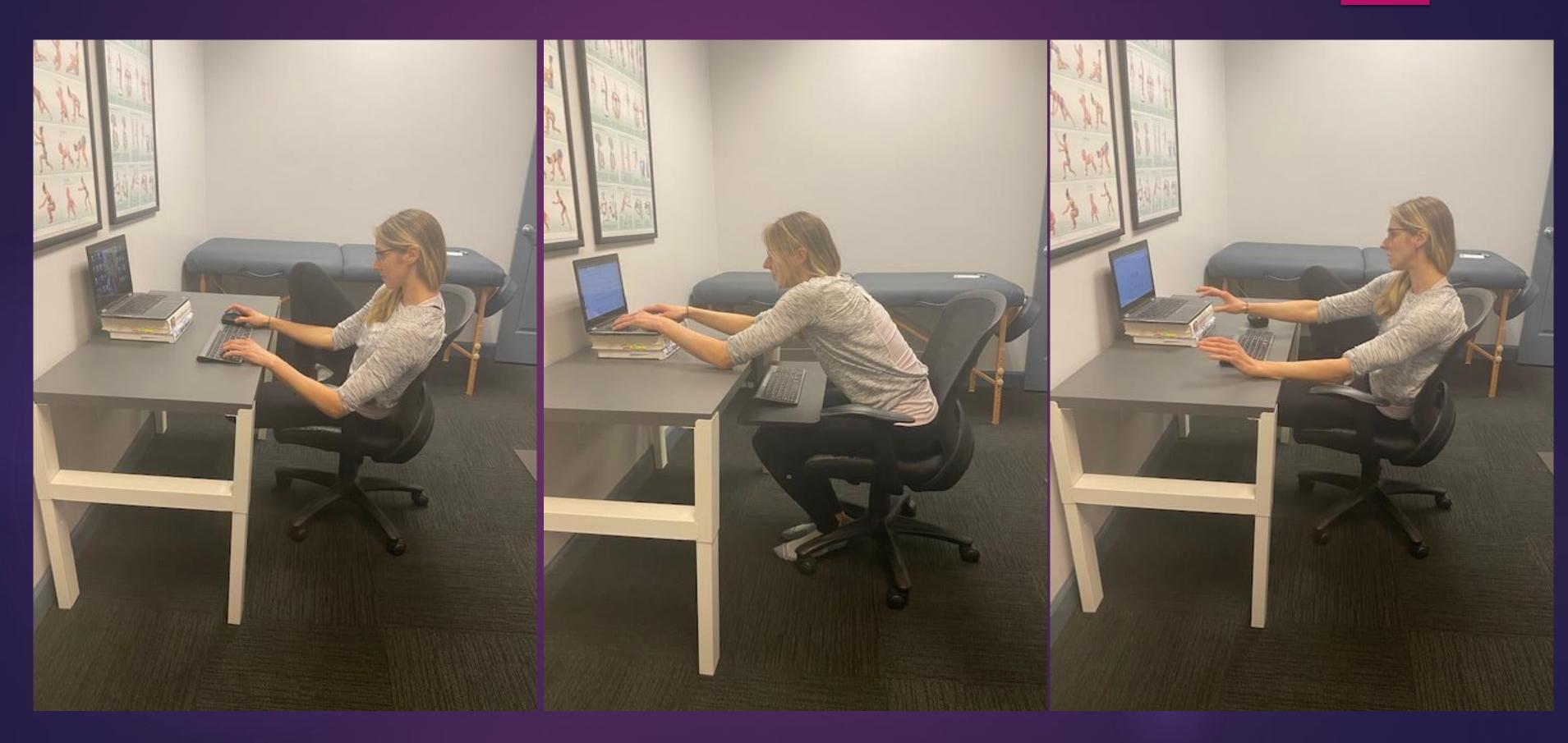
- Mechanical low back pain
- Progresses to- disc, stenosis, arthritic changes and bone spurs
- Excessive force = dy sfunction in force distribution
- Behavior changing symptoms are typically secondary to the underlying area of stress
- Back pain and hip motion limitation and dysfunction are often associated

#### Self Care Options

- Head position and sitting posture
- Jaw muscle release
- Self soft tissue/muscle release
- Diaphragm breathing
- Massage
- Yoga/exercise
- Acupuncture/Dry needling
- Chiropractic
- Physical Therapy
- Meditation



#### Posture



# 





#### Neutral Sitting

Monitors

Mouse/keyboard



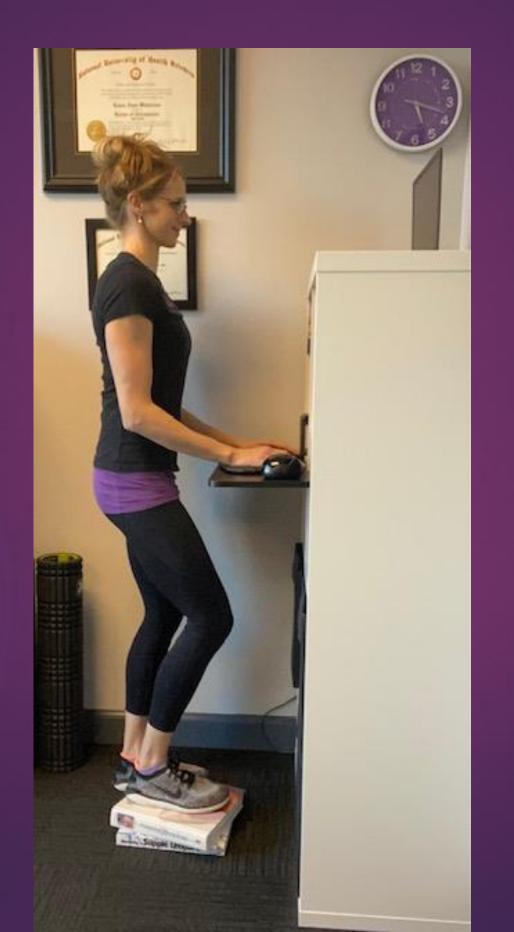
#### Standing Posture







#### Neutral Standing





#### Diaphragm Breathing

How to

Benefits



#### Self Soft Tissue Release





# Mobility





### Mobility



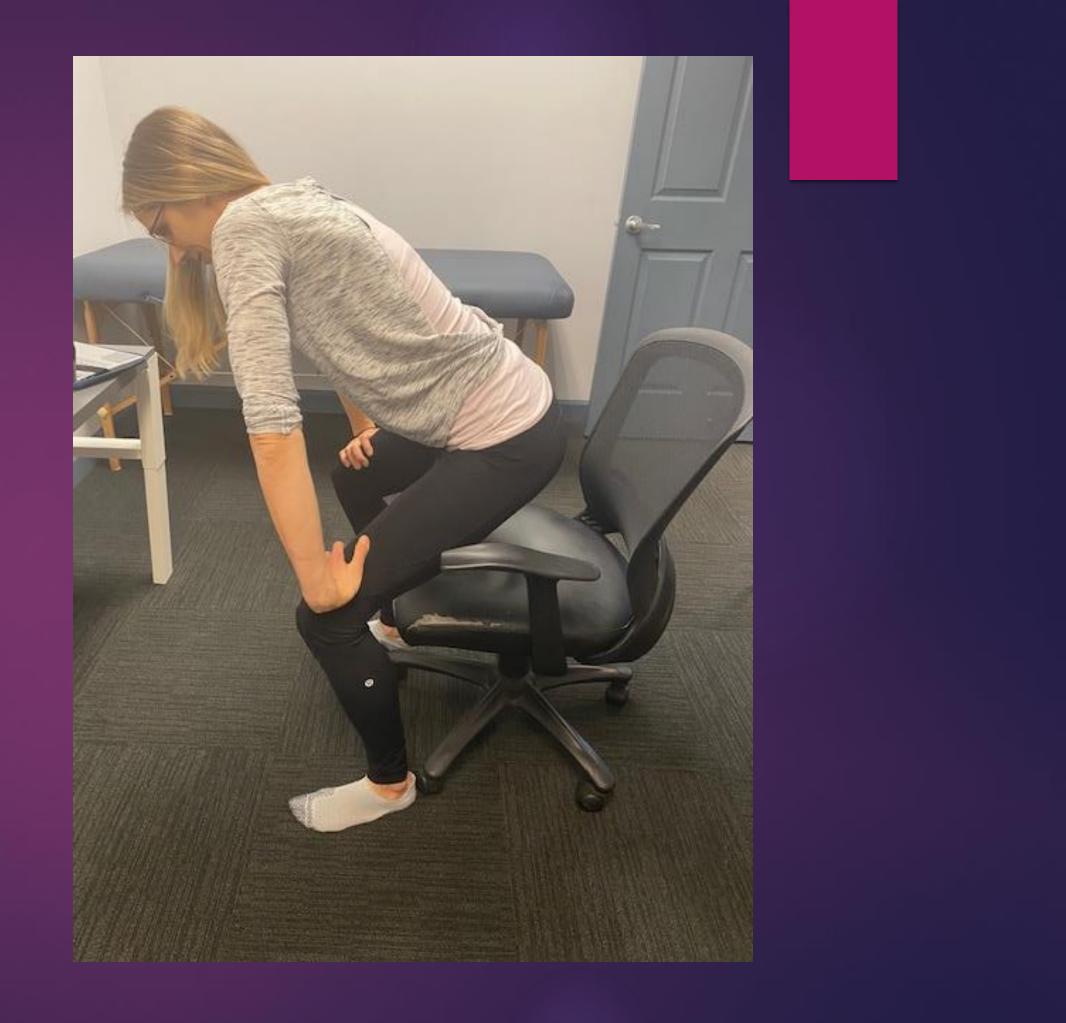
#### Nerve and Tissue Tension





#### Transition Movements

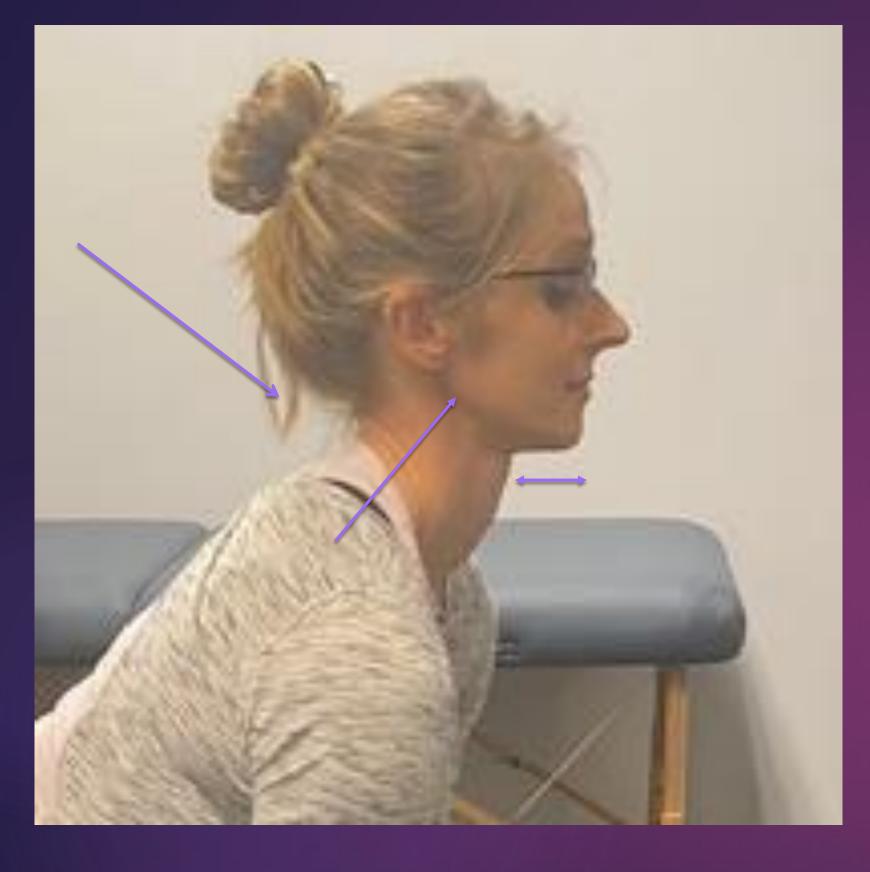
- Sit to Stand
- Respect Anatomy



#### Lifting = Squat Mechanics







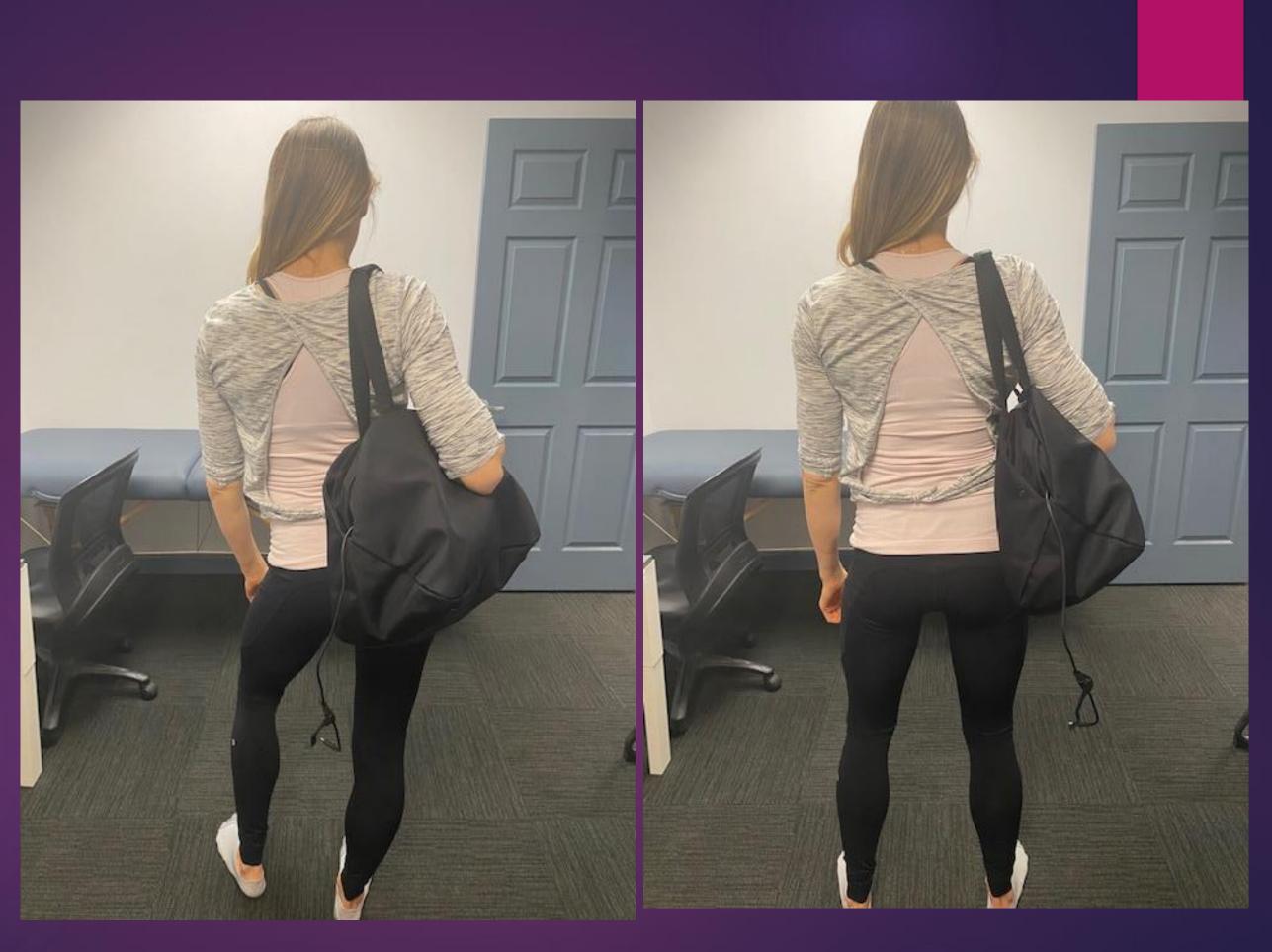


### Lifting Overhead





### Standing



Nerve and Tissue Tension





# Create Space











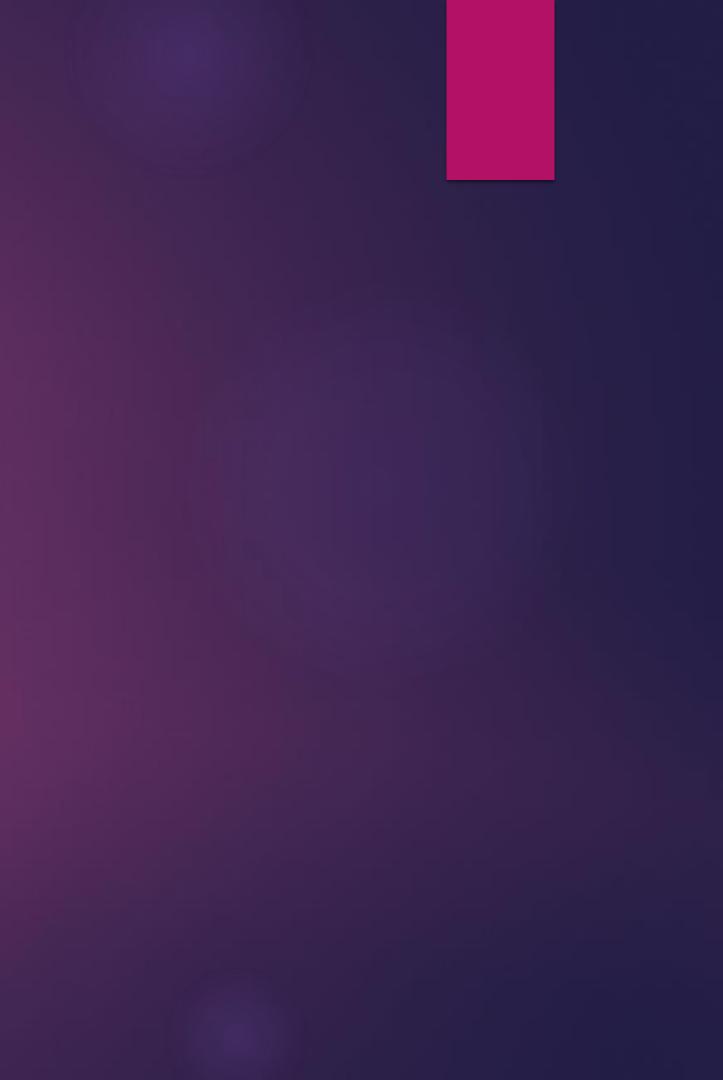
#### WATER

- How much
- Intuitive
- Be aware
- Start building up to a gallon. Should not be forced. Some drink more, some need less depending on their composition, activity levels, food

#### Resources

#### Website

- RoganSportsClinic.com
- ► IG/SM
- @RoganSportsClinic
- Blog
- Thank you! (:



Join NFP for our next virtual event:

#### **Optimizing Immunity Through Nutrition**

March 30, 2022

12:00 – 1:00 ET



