

**Taking Health & Safety to Higher Ground** 

August 2024

### **Hydration Health**

Hydration is crucial for maintaining overall health and well-being. Here are some key reasons why staying hydrated is important:

### **Maintains Physical Performance**

- Muscle Function: Proper hydration helps muscles work efficiently.
   Dehydration can lead to muscle fatigue and cramps.
- Endurance: Adequate hydration enhances endurance during physical activities and helps maintain energy levels.

### Watermelon Feta Salad

### **Ingredients:**

- 4 cups watermelon, cubed
- 1/2 cup feta cheese, crumbled
- 1/4 cup fresh mint leaves, chopped
- 1 small red onion, thinly sliced
- 2 tablespoons olive oil
- 1 tablespoon freshly squeezed lime juice
- Salt and pepper to taste

### Regulates Body Temperature Sweating: Water holps regul

- Sweating: Water helps regulate body temperature through sweating. This cooling mechanism is vital, especially during exercise or hot weather.
- <u>Thermoregulation:</u> Staying hydrated ensures the body can maintain a stable internal temperature.

### **Supports Digestion and Nutrient Absorption**

- <u>Digestive Health:</u> Water aids in the digestion process, helping dissolve nutrients and making them more accessible for absorption.
- <u>Bowel Function:</u> Adequate hydration prevents constipation by softening stools and promoting regular bowel movements.

#### **Promotes Skin Health**

- <u>Hydrated Skin:</u> Water helps keep the skin hydrated, maintaining its elasticity and preventing dryness.
- <u>Detoxification:</u> Proper hydration assists in flushing out toxins from the body, which can contribute to clearer skin.

### Instructions:

- Cube the watermelon and place it in a large bowl.
- Thinly slice the red onion and chop the mint leaves.
- Add the crumbled feta cheese, chopped mint leaves, and sliced red onion to the bowl with the watermelon.
- In a small bowl, whisk together the olive oil, lime juice, salt, and pepper.
- Drizzle the dressing over the watermelon mixture and gently toss to combine.

### Enjoy!



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#### **Aids in Detoxification**

- <u>Kidney Function</u>: Hydration supports kidney function, which is essential for filtering waste products from the blood and excreting them through urine.
- <u>Waste Removal:</u> Water helps in the elimination of waste products and toxins from the body.

### **Supports Cognitive Function**

- Mental Clarity: Dehydration can impair cognitive functions, leading to difficulties in concentration, memory, and overall mental performance.
- Mood Regulation: Proper hydration can positively impact mood and reduce feelings of anxiety and stress.

### **Maintains Blood Pressure and Circulation**

- <u>Blood Volume:</u> Water is a major component of blood, and staying hydrated helps maintain proper blood volume and pressure.
- <u>Circulation:</u> Adequate hydration ensures efficient circulation of blood, delivering oxygen and nutrients to cells and tissues.

### **Aids in Weight Management**

- Appetite Control: Drinking water before meals can help control appetite and prevent overeating.
- Metabolism: Staying hydrated can boost metabolism, aiding in weight management.

### **Tips for Staying Hydrated:**

- Drink Regularly: Don't wait until you're thirsty to drink water. Sip water throughout the day.
- Monitor Urine Color: Pale yellow urine usually indicates proper hydration, while darker urine can be a sign of dehydration.
- Eat Hydrating Foods: Incorporate water-rich foods like fruits and vegetables into your diet.
- Keep Water Accessible: Carry a water bottle with you to make it easy to stay hydrated.
- Proper hydration is essential for physical health, cognitive function, and overall well-being. It's important to listen to your body and ensure you're getting enough fluids daily.



## Baked Wild Caught Salmon with Lemon and Dill

### Ingredients:

- 4 wild caught salmon fillets
- 2 tablespoons olive oil
- 2 lemons (1 thinly sliced, 1 juiced)
- 3 cloves garlic, minced
- 2 tablespoons fresh dill, chopped (or 1 tablespoon dried dill)
- · Salt and pepper to taste
- Optional: Lemon wedges and fresh dill sprigs for garnish

#### Instructions:

- Preheat your oven to 400°F.
- Lightly grease a baking dish with olive oil.
- Place the salmon fillets in the baking dish, skin side down.
- Drizzle 1 tablespoon of olive oil over the salmon fillets.
- Sprinkle garlic, fresh dill, salt, and pepper evenly over the fillets.
- Drizzle lemon juice over the salmon, then place the lemon slices on top of each fillet.
- Bake for 12-15 minutes, or until the salmon is opaque and flakes easily with a fork. The internal temperature should reach 145°F.
- Remove from the oven and let rest for a few minutes.
- Garnish with lemon wedges and fresh dill sprigs if desired.



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### **Benefits of Mindfulness Meditation**

Mindfulness meditation is a powerful tool for enhancing mental well-being and reducing stress. It involves focusing on the present moment without judgment, which can lead to numerous physical and psychological benefits.

## Here are some key advantages of practicing mindfulness meditation:

- Reduces Stress: Mindfulness meditation helps lower levels of the stress hormone cortisol. By focusing on the present moment, you can calm your mind and reduce the impact of stressors.
- Improves Concentration and Attention: Regular practice of mindfulness can enhance your ability to concentrate and maintain attention. It trains your brain to stay focused on the task at hand and resist distractions.
- Enhances Emotional Regulation: Mindfulness helps you become more aware of your emotions and better manage them. It allows you to respond to situations thoughtfully rather than react impulsively.
- Promotes Better Sleep: Mindfulness meditation can improve sleep quality by calming the mind and reducing the symptoms of insomnia. Practicing mindfulness before bedtime can help you relax and prepare for a restful night's sleep.
- Boosts Immune Function: Studies have shown that mindfulness meditation can enhance immune system function, making your body more resistant to illnesses.
- Increases Self-Awareness: Mindfulness encourages you to become more aware of your thoughts, feelings, and bodily sensations. This increased self-awareness can lead to better self-understanding and personal growth.
- Enhances Overall Well-Being: Regular mindfulness practice can lead to a greater sense of well-being and happiness. It helps you cultivate a positive outlook on life and improve your overall quality of life.



### **Meditation Exercise**

- 1.Set a timer for 5-10 minutes.
- 2.Sit in a comfortable position with your eyes closed.
- 3. Take a few deep breaths, then settle into a natural breathing rhythm. Focus on the sensation of each breath.
- 4. Pay attention to any physical sensations in your body, starting from your head and moving down to your toes. If your mind wanders, gently bring your focus back to your breath.
- 5.As you scan your body, notice any areas of tension or discomfort. Imagine sending your breath to those areas to release tension.
- 6. When the timer goes off, slowly open your eyes and take a moment to notice how you feel.

Incorporating meditation into your daily routine can have profound effects on your mental and physical health. Take a few minutes each day to practice mindfulness and experience the positive changes it brings to your life.



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#### **How to Practice Mindfulness Meditation:**

- Find a Quiet Space: Choose a quiet and comfortable place where you won't be disturbed.
- Sit Comfortably: Sit in a comfortable position with your back straight. You can sit on a chair, cushion, or floor.
- Focus on Your Breath: Close your eyes and take a few deep breaths. Focus your attention on the sensation of your breath entering and leaving your body. Notice the rise and fall of your chest or the feeling of air passing through your nostrils.
- Observe Without Judgment: As you meditate, thoughts and feelings will naturally arise. Acknowledge them without judgment and gently bring your focus back to your breath.
- Practice Regularly: Start with just 5-10 minutes a day and gradually increase the duration as you become more comfortable with the practice. Consistency is key to experiencing the benefits of mindfulness.
- Use Guided Meditations: If you're new to mindfulness meditation, guided meditations can be helpful. There are many apps and online resources available that provide guided sessions to help you get started.

# Squats To Strengthen Your Lower Body - Do It Right

Performing squats safely is crucial to avoid injury and maximize benefits. Here are some key tips for performing squats with proper form:

### 1. Starting Position

- Feet Position: Stand with your feet shoulder-width apart or slightly wider. Your toes should point slightly outward, about 10-30 degrees.
- Balance: Distribute your weight evenly across your entire foot—don't lean too far forward or backward.
- Posture: Keep your chest up and your back straight. Engage your core muscles.

### 2. Descent (Downward Movement)

• Initiate with Hips: Start the squat by pushing your hips back as if you're going to sit in a chair.

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Tropical Mango Pineapple Smoothie

### Ingredients:

- 1 cup fresh or frozen mango chunks
- 1 cup fresh or frozen pineapple chunks
- 1 ripe banana
- 1/2 cup coconut or regular water
- 1/2 cup Greek yogurt
- 1 tablespoon chia seeds
- 1 tablespoon honey or maple syrup (optional for added sweetness)
- A handful of ice cubes

#### Instructions:

- If using fresh fruit, peel and chop the mango and pineapple into chunks.
- Peel the banana.
- In a blender, add the mango chunks, pineapple chunks, banana, coconut water, Greek yogurt (if using), chia seeds (if using), honey or maple syrup (if using), and ice cubes.
- Blend until smooth and creamy.
   If the smoothie is too thick, add more coconut water or regular water until you reach your desired consistency.
- Pour the smoothie into glasses and serve immediately.



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- Knee Alignment: Bend your knees and lower your body.
   Make sure your knees track in line with your toes.
- Depth: Go as low as you can while maintaining a neutral spine and without your heels lifting off the ground. Ideally, your thighs should be parallel to the floor or slightly below.
- Chest and Eyes: Keep your chest up and look straight ahead or slightly upward to maintain a neutral spine.

### 3. Ascent (Upward Movement)

- Drive Through Heels: Push through your heels to stand back up. Engage your glutes and hamstrings.
- Hip Extension: Fully extend your hips and knees at the top of the movement.
- Breathing: Inhale as you descend, and exhale as you ascend.

### 4. Common Mistakes to Avoid

- Knees Caving In: Ensure your knees don't collapse inward as you squat.
- Heels Lifting: Keep your heels flat on the ground throughout the movement.
- Rounded Back: Avoid letting your back round—maintain a neutral spine.
- Excessive Forward Lean: Keep your torso as upright as possible.

#### 5. Variations

- Bodyweight Squats: Good for beginners or as a warmup.
- Goblet Squats: Holding a weight in front of your chest can help with balance.
- Barbell Back Squats: Common in strength training, but ensure proper form and use of safety equipment.

### 6. Listen to Your Body

- Discomfort vs. Pain: Understand the difference between muscle discomfort (which is normal) and joint pain (which is not). Stop if you feel any sharp pain.
- By following these guidelines, you can perform squats more safely and effectively.



### **Additional Tips**

- Warm Up: Always warm up your muscles before performing squats to prevent injury.
- Mobility: Work on hip and ankle mobility if you have trouble achieving proper depth.
- Progression: Start with bodyweight squats before adding weights.
- Footwear: Wear proper footwear with a flat sole to provide stability.
- Spotter/Guide: If you're lifting heavy, use a spotter or a squat rack for safety.