

# WEIGHTLIFTING



# Athlete Training Guide



# **Nutrition Focus**

Eating right is important to your health and your sports performance. Eating right can be easy and enjoyable because there are many delicious healthy choices. Your goal is to eat at least 5 total fruits and vegetables every day! Here some examples of meals you can have for breakfast, lunch, and dinner that are packed with fruits and vegetables:

- ➤ **Breakfast:** Try making a parfait! Start with some yogurt and add in granola, nuts, and your favorite fruits and you have a quick and healthy breakfast!
- Lunch: Swap out your peanut butter and jelly sandwich for a peanut butter and banana sandwich. Not only will this satisfy a fruit serving, but it is also lower in fat, calories, and sodium. Add in a side of baby carrots for a well-rounded meal.
- **Dinner:** At dinnertime add in a side salad to get a wide variety of vegetables.

# **Training**

#### 1. Warmup

- a. 3 minutes of walking, then increase your speed to a jog for 2 minutes.
- b. Dynamic Stretching
  - i. Arm Circles: 30 seconds forward, 30 seconds backwards. Start with small circles and slowly make them bigger and bigger.
  - ii. Upper Body Rotations: Stand with your feet shoulder-width apart and your arms out to your sides. Your body should be in a "T" shape at this point. Keeping your lower body still, rotate your upper body back and forth from your right to left sides 15 to 20 times.
  - iii. Leg Swings: Put your hands against the wall for balance, then swing your leg from side to side under your body. 30 seconds each leg.
  - iv. High Knees: Stand straight with your feet shoulder width apart. Bring your right knee up to waist level, and then slowly land on your feet. Then bring your left knee up to waist level. Continually switch legs for 30 seconds.



v. Butt Kicks: For 30 seconds, kick your heels back as far as you can. Try and touch your heels to your bottom.

#### 2. Training

- a. Modified pushup
  - i. Athlete starts pushups from a kneeling position. In order to perform a legal push-up, the athlete must lower his/her head and upper body to the floor, touch the chest to the floor, and return to the starting position. The athlete's back must remain straight. Do as many pushups as you can for 30 seconds.
  - ii. Repeat this work out 2 times.



#### b. Sit-Ups

- i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 30 seconds.
- ii. If no one can hold your feet, put them underneath a couch to help.
- iii. Repeat this work out 2 times.

#### c. Modified Bench Press

- i. Start by laying on your back on a bench. Start with the bar laying on your chest and bench as many times as possible in 15 seconds.
- ii. If you do not have a bar to use, find a broom to use. It may not be the same weight, but it will help with your form.
- iii. If you do not have a bench, lay on the floor and work on your form.
- iv. Repeat this work out 2 times.

#### d. Exercycle

- i. Run in place for 30 seconds. Try to lift your knees to your waist. Repeat 2 times.
- e. Repeat circuit 2-3 times.

- a. 5-minute walk
- b. Stretch
  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 - 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
  - ii. Standing Quad Stretch: Bend your left knee and use your left hand to pull your left foot toward your butt. Keep your knees together. If you need to, put one hand on a wall for balance. Hold for 30-45 seconds & repeat on the other leg.
  - iii. Shoulder Stretch: Take your right arm straight across your chest and curl the left hand around your elbow, gently pulling on the right arm to deepen the stretch in the shoulders.
  - iv. Calf Stretch: Stand facing a wall a bit more than arm's length away. Put one foot forward with a bent knee, and the other one back with a straight knee. Feet should point directly forward. Using your arms to brace yourself against the wall, keep your belly firm and lean until you feel the stretch in the calf muscle of your back leg. Try to keep both feet flat. Hold it for 20 to 30 seconds on each side.
  - v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.



# **Nutrition Focus**

Now you know fruits and vegetables are important for your health, but sometimes it can be difficult to know what other foods you should be eating. Here is a list of the other food groups and some great choices in each group that make up a healthy meal or diet.

- ➤ Grains:
  - o Brown or Wild, or Unpolished Rice
  - o Oatmeal
  - Whole Grain Bread & Pasta
- Diary:
  - Low-fat or Skim Milk
  - Low-fat Cheese
  - Low-fat, unsweetened yogurt (watch the sugar!
  - Cottage Cheese
- Protein:
  - Lean Meats
  - Eggs
  - Fish (frozen, fresh or canned)
  - o Nuts

# **Training**

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- b. Dynamic Stretching
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  - ii. Upper Body Rotations: Stand with your feet shoulder-width apart and your arms out to your sides. Your body should be in a "T" shape at this point. Keeping your lower body still, rotate your upper body back and forth from your right to left sides 15 to 20 times.
  - iii. Leg Swings: Put your hands against the wall for balance, then swing your leg from side to side under your body. 30 seconds each leg.
  - iv. High Knees: Stand straight with your feet shoulder width apart. Bring your right knee up to waist level, and then slowly land on your feet. Then bring your left knee up to waist level. Continually switch legs for 30 seconds.



v. Butt Kicks: For 30 seconds, kick your heels back as far as you can. Try and touch your heels to your bottom.



#### 2. Training

- a. Modified pushup
  - i. Athlete starts pushups from a kneeling position. In order to perform a legal push-up, the athlete must lower his/her head and upper body to the floor, touch the chest to the floor, and return to the starting position. The athlete's back must remain straight. Do as many pushups as you can for 35 seconds.
  - ii. Repeat this work out 2 times.

#### b. Sit-Ups

- i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 35 seconds.
- ii. If no one can hold your feet, put them underneath a couch to help.
- iii. Repeat this work out 2 times.

#### c. Modified Bench Press

- i. Start by laying on your back on a bench. Start with the bar laying on your chest and bench as many times as possible in 15 seconds.
- ii. If you do not have a bar to use, find a broom to use. It may not be the same weight, but it will help with your form.
- iii. If you do not have a bench, lay on the floor and work on your form.
- iv. Repeat this work out 2 times.

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- i. Run in place for 35 seconds. Try to lift your knees to your waist. Repeat 2 times.
- e. Repeat circuit 2-3 times.

- a. 5-minute walk
- b. Stretching
  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
  - ii. Standing Quad Stretch: Bend your left knee and use your left hand to pull your left foot toward your butt. Keep your knees together. If you need to, put one hand on a wall for balance. Hold for 30-45 seconds & repeat on the other leg.
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  - v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent



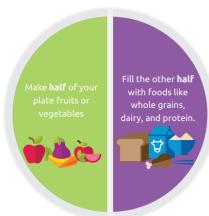
if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.



# **Nutrition Focus**

Now that you know what types of foods to eat here is how to build a healthy plate for a meal or for a snack.

- Watch the amounts of food you put on your plate
- Save junk food like desserts, chips and sodas for special occasions.
- Make half of your plate fruits or vegetables (see diagram below).
- Fill the other half with foods like whole grains, dairy, and protein.
- Add more fruits and vegetables to your meals.
- > Keep snacks healthy and small.



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#### 2. Training

- a. Modified pushup
  - i. Athlete starts pushups from a kneeling position. In order to perform a legal push-up, the athlete must lower his/her head and upper body to the floor, touch the chest to the floor, and return to the starting position. The athlete's back must remain straight. Do as many pushups as you can for 40 seconds.



ii. Repeat this work out 2 times.

#### b. Sit-Ups

- i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 40 seconds.
- ii. If no one can hold your feet, put them underneath a couch to help.
- iii. Repeat this work out 2 times.

#### c. Modified Bench Press

- i. Start by laying on your back on a bench. Start with the bar laying on your chest and bench as many times as possible in 20 seconds.
- ii. If you do not have a bar to use, find a broom to use. It may not be the same weight, but it will help with your form.
- iii. If you do not have a bench, lay on the floor and work on your form.
- iv. Repeat this work out 2 times.

#### d. Exercycle

- i. Run in place for 40 seconds. Try to lift your knees to your waist. Repeat 2 times.
- e. Repeat circuit 2-3 times.

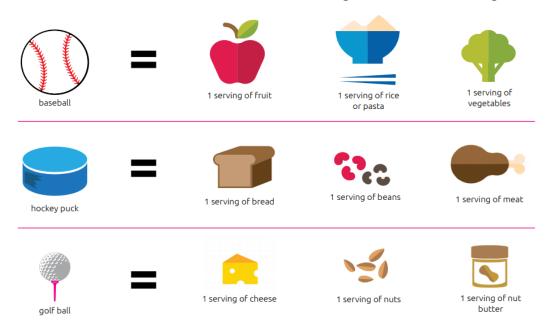
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  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 - 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
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  - v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.



# **Nutrition Focus**

The amount of food you eat is one of the most important parts of building a healthy eating style. Choosing smaller portions can help you stay within your calories needs. Be aware of the amount of what you eat and drink during meals and snacks. Some commonly eaten foods can provide more calories than we realize. You can cut down on calories by choosing a smaller portion.

Here is a fun way to remember how much to eat when you have a serving. The size of sports equipment on the left is about the same size as one serving of the foods on the right:



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- iii. Leg Swings: Put your hands against the wall for balance, then swing your leg from side to side under your body. 30 seconds each leg.
- iv. High Knees: Stand straight with your feet shoulder width apart. Bring your right knee up to waist level, and then slowly land on your feet. Then bring your left knee up to waist level. Continually switch legs for 30 seconds.



v. Butt Kicks: For 30 seconds, kick your heels back as far as you can. Try and touch your heels to your bottom.

#### 2. Training

- a. Modified pushup
  - vi. Athlete starts pushups from a kneeling position. In order to perform a legal push-up, the athlete must lower his/her head and upper body to the floor, touch the chest to the floor, and return to the starting position. The athlete's back must remain straight. Do as many pushups as you can for 45 seconds.
  - vii. Repeat this work out 2 times.
- b. Sit-Ups
  - viii. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 45 seconds.
  - ix. If no one can hold your feet, put them underneath a couch to help.
  - x. Repeat this work out 2 times.
- c. Modified Bench Press
  - xi. Start by laying on your back on a bench. Start with the bar laying on your chest and bench as many times as possible in 20 seconds.
  - xii. If you do not have a bar to use, find a broom to use. It may not be the same weight, but it will help with your form.
  - xiii. If you do not have a bench, lay on the floor and work on your form.
  - xiv. Repeat this work out 2 times.
- b. Exercycle
  - i. Run in place for 45 seconds. Try to lift your knees to your waist. Repeat 2 times.
- c. Repeat circuit 2-3 times.

- a. 5-minute walk
- b. Stretching
  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 - 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
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- v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.



# **Nutrition Focus**

Snacking is a great way to make sure you are full of energy. It is important to keep your snacks healthy. Here are a few ideas for tasty snacks that are packed with fruits and vegetables.

- Apple slices dipped in peanut butter
- Low-fat unsweetened yogurt with berries
- Low-fat cottage cheese with tomatoes or fruit
- Carrots or peppers dipped in hummus
- Celery topped with peanut butter and raisins

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# 2. Training

- a. Modified pushup
  - i. Athlete starts pushups from a kneeling position. In order to perform a legal push-up, the athlete must lower his/her head and upper body to the floor, touch the chest to the floor, and return to the starting position. The athlete's back must remain straight. Do as many pushups as you can for 45 seconds.
  - ii. Repeat this work out 2 times.

#### b. Sit-Ups

i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 45 seconds.



- ii. If no one can hold your feet, put them underneath a couch to help.
- iii. Repeat this work out 2 times.

#### c. Modified Bench Press

- i. Start by laying on your back on a bench. Start with the bar laying on your chest and bench as many times as possible in 25 seconds.
- ii. If you do not have a bar to use, find a broom to use. It may not be the same weight, but it will help with your form.
- iii. If you do not have a bench, lay on the floor and work on your form.
- iv. Repeat this work out 2 times.

#### d. Exercycle

- i. Run in place for 50 seconds. Try to lift your knees to your waist. Repeat 2 times.
- e. Repeat circuit 2-3 times.

- a. 5-minute walk
- b. Stretching
  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 - 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
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  - v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.



# **Nutrition Focus**

Water is another important fuel for sports and for life. Drinking the right amount of water is important for your health and can also help your athletic performance. Your goal is to drink 5 bottles of water every day! Your water bottle should be 16-20oz.

Water helps to keep your body working properly. You lose water when you go to the bathroom, sweat, exercise or even breathe. If you lose too much water without drinking more, your body won't work as well. This is called dehydration. Signs of Dehydration include: •

- > You feel thirsty
- You are tired or sluggish
- > You have a headache
- > Your mouth is dry
- Your urine is dark yellow or brown

Staying hydrated is easy when you know the best times to drink water! Use the guide below to help you reach your goal every day. Drink at least 1 bottle full of water per hour **DURING** practice or exercise LUNCH **BREAKFAST** DINNER DRINK WATER THROUGHOUT THE DAY, ESPECIALLY IF YOU AREN'T PRACTICING OR EXERCISING SNACK Drink at least 1 bottle Drink at least 1 bottle full TOTAL: full of water AFTER of water an hour **BEFORE** practice or exercise practice or exercise WATER BOTTLES!



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  - ii. Repeat this work out 2 times.

#### b. Sit-Ups

- i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 50 seconds.
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#### d. Exercycle

- i. Run in place for 55 seconds. Try to lift your knees to your waist. Repeat 2 times.
- e. Repeat circuit 2-3 times.



- a. 5-minute walk
- b. Stretching
  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 - 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
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There are many beverage options available, but some of them are healthier choices than others.

- Sodas, energy drinks, and sports drinks are NOT good beverage choices because they have extra sugar and can make you gain weight. Energy drinks and many sodas also have caffeine. Caffeine does not help you stay hydrated.
- Moderate amounts of low-fat milk and 100% juice are also good choices in small amounts. Low-fat milk and 100% fruit juice are good choices with meals. Keep serving sizes small. No more than 3 cups of milk and 1 cup of juice per day.
- Water is the best choice for a beverage! Drink water every day! If you like flavored drinks, try sparkling water or add a few pieces of fruit into your water bottle.

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  - ii. Repeat this work out 2 times.



#### b. Sit-Ups

- i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 60 seconds.
- ii. If no one can hold your feet, put them underneath a couch to help.
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  - v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.



# **Nutrition Focus**

Now that you have learned what food and drinks you should be consuming, let's take a look at how you can tell what's in the products you are buying. All packaged food and drinks come with a nutrition label meant to tell you exactly what you're consuming. Understanding what's in the foods you eat helps you make healthier choices.

Important parts of a food label:

- Serving size: Always start with the serving size amount, the rest of the information on the label is based on that. Pay attention to the serving size when you are preparing your meal. For example, if you buy a bag of pretzels and the label says that 1 serving is 15 pretzels, be sure to limit yourself to that amount.
- Calories: A calorie is a way to measure how much energy a food provides to your body. The number on the food label shows how many calories are in one serving of that food. The amount of calories a person needs depends on their age, weight, gender, and activity level. Visit <a href="https://www.lifespanfitness.com/fitness/resources/calories-calculator">https://www.lifespanfitness.com/fitness/resources/calories-calculator</a> to see how many calories you should consume each day.
- Fat: Our bodies need a little fat every day because it is an important source of energy. Unsaturated fats, which are found in vegetable oils, nuts and fish, are often called "good fats" because they don't raise cholesterol levels. Saturated fats and trans fats are considered "bad" so you want to try and avoid products high in trans fats.
- Nutrition Facts: Serving size: 1oz (28g) Servings per container: about 14 Amount/Serving % DV\* Calories 150 Fat Cal. 80 Total Fat 8g 12% Sat. Fat 1g 6% Trans Fat 0g Cholesterol 0mg 0% Sodium 5mg 0% 3% Total Carb. 12g Dietary Fiber 3g 12% Sugars 10g Protein 6g Vitamin A 2% Vitamin C 5% Calcium 3% Iron 6% \*Percent Daily Values (DV) are based on a 2,000 Calorie diet.

INGREDIENTS: Cranberries (Sugar, Sunflower Oil), Dried Mango (Sugar, Citric Acid) [product of Thailand], Roasted Almonds (Sunflower Oil), Walnuts, Pumpkin Seeds [product of China].

ALLERGY INFORMATION: Contains Tree Nuts (Almonds, Walnuts). Manufactured in a facility that processes peanuts/tree nuts. Our products may contain occasional pit, shell pieces, and other naturally occurring objects.

- Fiber: Fiber is important for your digestion. Fiber has no calories and can help you feel full. Ideally you should select foods that have at least 3 grams of fiber per serving.
- Added Sugars: An added sugar is a sugar type that doesn't occur naturally within the product and has been added to sweeten the packaged food item. Try to avoid products with added sugars or look for smaller numbers.



# **Training**

#### 1. Warm up

- a. 3 minutes of walking, then increase your speed to a jog for 2 minutes.
- b. Dynamic Stretching
  - i. Arm Circles: 30 seconds forward, 30 seconds backwards. Start with small circles and slowly make them bigger and bigger.
  - ii. Upper Body Rotations: Stand with your feet shoulder-width apart and your arms out to your sides. Your body should be in a "T" shape at this point. Keeping your lower body still, rotate your upper body back and forth from your right to left sides 15 to 20 times.
  - iii. Leg Swings: Put your hands against the wall for balance, then swing your leg from side to side under your body. 30 seconds each leg.
  - iv. High Knees: Stand straight with your feet shoulder width apart. Bring your right knee up to waist level, and then slowly land on your feet. Then bring your left knee up to waist level. Continually switch legs for 30 seconds.



v. Butt Kicks: For 30 seconds, kick your heels back as far as you can. Try and touch your heels to your bottom.

#### 2. Training

- a. Modified pushup
  - i. Athlete starts pushups from a kneeling position. In order to perform a legal push-up, the athlete must lower his/her head and upper body to the floor, touch the chest to the floor, and return to the starting position. The athlete's back must remain straight. Do as many pushups as you can for 60 seconds.
  - ii. Repeat this work out 2 times.

#### b. Sit-Ups

- i. Start by laying on your back, knees bent, and feet flat on the floor. Have someone hold your feet and do as many sit ups as you can in 60 seconds.
- ii. If no one can hold your feet, put them underneath a couch to help.
- iii. Repeat this work out 2 times.

#### c. Modified Bench Press

- i. Start by laying on your back on a bench. Start with the bar laying on your chest and bench as many times as possible in 30 seconds.
- ii. If you do not have a bar to use, find a broom to use. It may not be the same weight, but it will help with your form.
- iii. If you do not have a bench, lay on the floor and work on your form.
- iv. Repeat this work out 2 times.

#### d. Exercycle

- i. Run in place for 60 seconds. Try to lift your knees to your waist. Repeat 2 times.
- e. Repeat circuit 2-3 times.



- a. 5-minute walk
- b. Stretching
  - i. Standing Hamstring Stretch: Stand with your feet hip-width apart, knees slightly bent, arms by your sides. Exhale as you bend forward at the hips, lowering your head toward floor. Hold for 30 - 45 seconds. Bend your knees and roll up when you're done. Repeat 2-3 times
  - ii. Standing Quad Stretch: Bend your left knee and use your left hand to pull your left foot toward your butt. Keep your knees together. If you need to, put one hand on a wall for balance. Hold for 30-45 seconds & repeat on the other leg.
  - iii. Shoulder Stretch: Take your right arm straight across your chest and curl the left hand around your elbow, gently pulling on the right arm to deepen the stretch in the shoulders.
  - iv. Calf Stretch: Stand facing a wall a bit more than arm's length away. Put one foot forward with a bent knee, and the other one back with a straight knee. Feet should point directly forward. Using your arms to brace yourself against the wall, keep your belly firm and lean until you feel the stretch in the calf muscle of your back leg. Try to keep both feet flat. Hold it for 20 to 30 seconds on each side.
  - v. Lying Knee-to-Chest Stretch: Lie on your back and gently pull one knee toward your chest until you feel a stretch in your lower back. Leave the other leg bent if you have low back pain. Otherwise, choose what's more comfortable. Hold it for 30 seconds and then switch legs.