



## Exercise During Pregnancy

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### Is it safe to exercise during pregnancy?

If you are healthy and your pregnancy is normal, it is safe to continue or start most types of exercise, but you may need to make a few changes. Physical activity does not increase your risk of miscarriage, low birth weight, or early delivery. However, it is important to discuss exercise with your obstetrician or other member of your health care team during your early prenatal visits. If your health care professional gives you the OK to exercise, you can decide together on an exercise routine that fits your needs and is safe during pregnancy.

### Are there certain conditions that make exercise during pregnancy unsafe?

Women with the following conditions or pregnancy **complications** should not exercise during pregnancy:

- Certain types of heart and lung diseases
- **Cervical insufficiency** or **cerclage**
- Being pregnant with twins or triplets (or more) with risk factors for **preterm** labor
- **Placenta previa** after 26 weeks of pregnancy
- Preterm labor or ruptured membranes (your water has broken) during this pregnancy
- **Preeclampsia** or pregnancy-induced high blood pressure
- Severe **anemia**

### What are the benefits of exercise during pregnancy?

Regular exercise during pregnancy benefits you and your fetus in these key ways:

- Reduces back pain
- Eases constipation
- May decrease your risk of **gestational diabetes**, preeclampsia, and **cesarean delivery**
- Promotes healthy weight gain during pregnancy

- Improves your overall general fitness and strengthens your heart and blood vessels
- Helps you to lose the baby weight after your baby is born

### How much should I exercise during pregnancy?

The Centers for Disease Control and Prevention recommend that pregnant women get at least 150 minutes of moderate-intensity aerobic activity every week. An aerobic activity is one in which you move large muscles of the body (like those in the legs and arms) in a rhythmic way. Moderate intensity means you are moving enough to raise your heart rate and start sweating. You still can talk normally, but you cannot sing.

Examples of moderate-intensity aerobic activity include brisk walking and general gardening (raking, weeding, or digging). You can divide the 150 minutes into 30-minute workouts on 5 days of the week or into smaller 10-minute workouts throughout each day.

If you are new to exercise, start out slowly and gradually increase your activity. Begin with as little as 5 minutes a day. Add 5 minutes each week until you can stay active for 30 minutes a day.

If you were very active before pregnancy, you can keep doing the same workouts with your health care professional's approval. However, if you start to lose weight, you may need to increase the number of calories that you eat.

### What changes occur in the body during pregnancy that can affect my exercise routine?

Your body goes through many changes during pregnancy. It is important to choose exercises that take these changes into account:

- Joints—The **hormones** made during pregnancy cause the ligaments that support your joints to become relaxed. This makes the joints more mobile and at risk of injury. Avoid jerky, bouncy, or high-impact motions that can increase your risk of being hurt.
- Balance—During pregnancy, the extra weight in the front of your body shifts your center of gravity. This places stress on joints and muscles, especially those in your pelvis and low back. Because you are less stable and more likely to lose your balance, you are at greater risk of falling.
- Breathing—When you exercise, **oxygen** and blood flow are directed to your muscles and away from other areas of your body. While you are pregnant, your need for oxygen increases. As your belly grows, you may become short of breath more easily because of increased pressure of the **uterus** on the diaphragm (a muscle that aids in breathing). These changes may affect your ability to do strenuous exercise, especially if you are overweight or obese.

### What precautions should I take when exercising during pregnancy?

There are a few precautions that pregnant women should keep in mind during exercise:

- Drink plenty of water before, during, and after your workout. Signs of **dehydration** include dizziness, a racing or pounding heart, and urinating only small amounts or having urine that is dark yellow.
- Wear a sports bra that gives lots of support to help protect your breasts. Later in pregnancy, a belly support belt may reduce discomfort while walking or running.
- Avoid becoming overheated, especially in the first trimester. Drink plenty of water, wear loose-fitting clothing, and exercise in a temperature-controlled room. Do not exercise outside when it is very hot or humid.
- Avoid standing still or lying flat on your back as much as possible. When you lie on your back, your uterus presses on a large vein that returns blood to the heart. Standing motionless can cause blood to pool in your legs and feet. Both of these positions can decrease the amount of blood returning to your heart and may cause your blood pressure to decrease for a short time.

### What are some safe exercises I can do during pregnancy?

Whether you are new to exercise or it already is part of your weekly routine, choose activities that experts agree are safest for pregnant women:

- Walking—Brisk walking gives a total body workout and is easy on the joints and muscles.
- Swimming and water workouts—Water workouts use many of the body's muscles. The water supports your weight so you avoid injury and muscle strain. If you find brisk walking difficult because of low back pain, water exercise is a good way to stay active.
- Stationary bicycling—Because your growing belly can affect your balance and make you more prone to falls, riding a standard bicycle during pregnancy can be risky. Cycling on a stationary bike is a better choice.
- Modified yoga and modified Pilates—Yoga reduces stress, improves flexibility, and encourages stretching and focused breathing. There are even prenatal yoga and Pilates classes designed for pregnant women. These classes often teach modified poses that accommodate a pregnant woman's shifting balance. You also should avoid poses that require you to be still or lie on your back for long periods.

If you are an experienced runner, jogger, or racquet-sports player, you may be able to keep doing these activities during pregnancy. Discuss these activities with your health care professional.

## What exercises should I avoid during pregnancy?

While pregnant, avoid activities that put you at increased risk of injury, such as the following:

- Contact sports and sports that put you at risk of getting hit in the abdomen, including ice hockey, boxing, soccer, and basketball
- Skydiving
- Activities that may result in a fall, such as downhill snow skiing, water skiing, surfing, off-road cycling, gymnastics, and horseback riding
- "Hot yoga" or "hot Pilates," which may cause you to become overheated
- Scuba diving
- Activities performed above 6,000 feet (if you do not already live at a high altitude)

## What are warning signs that I should stop exercising?

Stop exercising and call your obstetrician or other member of your health care team if you have any of these signs or symptoms:

- Bleeding from the vagina
- Feeling dizzy or faint
- Shortness of breath before starting exercise
- Chest pain
- Headache
- Muscle weakness
- Calf pain or swelling
- Regular, painful contractions of the uterus
- Fluid leaking from the vagina

## Why is it important to keep exercising after my baby is born?

Exercising after your baby is born may help improve mood and decreases the risk of **deep vein thrombosis**, a condition that can occur more frequently in women in the weeks after childbirth. In addition to these health benefits, exercise after pregnancy can help you lose the extra pounds that you may have gained during pregnancy.

## Glossary

**Anemia:** Abnormally low levels of blood or red blood cells in the bloodstream. Most cases are caused by iron deficiency or lack of iron.

**Cerclage:** A procedure in which the cervical opening is closed with stitches in order to prevent or delay preterm birth.

**Cervical Insufficiency:** Inability of the cervix to retain a pregnancy in the second trimester.

**Cesarean Delivery:** Delivery of a baby through surgical incisions made in the mother's abdomen and uterus.

**Complications:** Diseases or conditions that occur as a result of another disease or condition. An example is pneumonia that occurs as a result of the flu. A complication also can occur as a result of a condition, such as pregnancy. An example of a pregnancy complication is preterm labor.

**Deep Vein Thrombosis:** A condition in which a blood clot forms in a vein in the leg or other area of the body.

**Dehydration:** A condition that results from loss of water from the body.

**Gestational Diabetes:** Diabetes that arises during pregnancy.

**Hormones:** Substances made in the body by cells or organs that control the function of other cells or organs. An example is estrogen, which controls the function of female reproductive organs.

**Oxygen:** A gas that is necessary to sustain life.

**Placenta Previa:** A condition in which the placenta lies very low in the uterus, so that the opening of the uterus is partially or completely covered.

**Preeclampsia:** A disorder that can occur during pregnancy or after childbirth in which there is high blood pressure and other signs of organ injury, such as an abnormal amount of protein in the urine, a low number of platelets, abnormal kidney or liver function, pain over the upper abdomen, fluid in the lungs, or a severe headache or changes in vision.

**Preterm:** Born before 37 completed weeks of pregnancy.

**Uterus:** A muscular organ located in the female pelvis that contains and nourishes the developing fetus during pregnancy.

**If you have further questions, contact your obstetrician–gynecologist.**

**FAQ119:** Designed as an aid to patients, this document sets forth current information and opinions related to women's health. The information does not dictate an exclusive course of treatment or procedure to be followed and should not be construed as excluding other acceptable methods of practice. Variations, taking into account the needs of the individual patient, resources, and limitations unique to the institution or type of practice, may be appropriate.

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