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Birth control - slow release methods

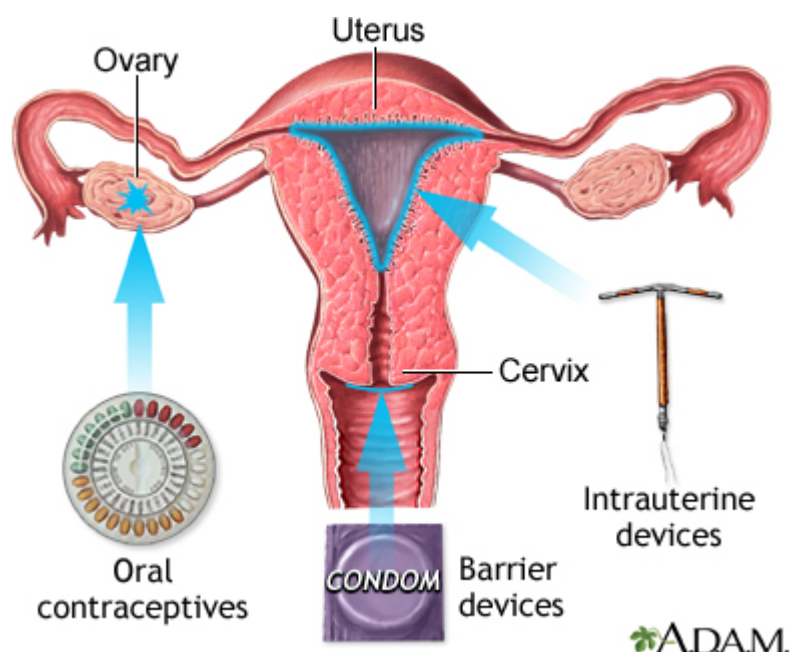
Certain birth control methods contain man-made forms of hormones. The natural forms of these hormones are normally made in a woman's ovaries. These hormones are called estrogen and progesterin.

Both of these hormones prevent a woman's ovaries from releasing an egg. The release of an egg during the menstrual cycle is called ovulation. They do this by changing the levels of the natural hormones the body makes.

Progesterin also helps prevent sperm from entering the uterus by making the mucous around a woman's cervix thick and sticky.

Birth control pills are one way of receiving these hormones. They are only effective if taken daily, preferably at about the same time.

There are other methods to prevent pregnancy. The same hormones may be used but they are released slowly over time.



Information

PROGESTIN IMPLANTS

A progesterin implant is a small rod that is implanted under the skin, most often on the inside of the arm. The rod releases a small amount of the progesterin daily into the bloodstream.

It takes about a minute to insert the rod. The procedure is done using a local anesthetic in a health care provider's office. The rod can stay in place for 3 years. However, it can be removed at any time. Removal usually takes only a few minutes.

After the implant has been inserted:

- You may have some bruising around the site for a week or more.
- You should be protected from getting pregnant within 1 week.
- You can use these implants while breastfeeding.

Progestin implants work better than birth control pills to prevent pregnancy. Very few women who use these implants are likely to get pregnant.

Your regular menstrual cycles should return within 3 to 4 weeks after these implants are removed.

PROGESTIN INJECTIONS

Injections or shots that contain the hormone progestin also work to prevent pregnancy. A single shot works for up to 90 days. These injections are given into the muscles of the upper arm or buttocks.

Side effects that may occur include:

- Changes in menstrual cycles or extra bleeding or spotting. Around one half of women who use these injections have no menstrual cycles.
- Breast tenderness, weight gain, headaches, or depression.

Progestin injections work better than birth control pills to prevent pregnancy. Very few women who use progestin injections are likely to get pregnant.

Sometimes the effects of these hormone shots last longer than 90 days. If you are planning to become pregnant in the near future, you might want to consider a different birth control method.

SKIN PATCH

The skin patch is placed on your shoulder, buttocks, or another area of your body. A new patch is applied once a week for 3 weeks. Then you go 1 week without a patch.

Estrogen levels are higher with the patch than with birth control pills or the vaginal ring. Because of this, there may be an increased risk for blood clots in the legs or lungs with this method. The FDA has issued a warning about the patch and the higher risk for a blood clot traveling to a lung.

The patch slowly releases both estrogen and progestin into your blood. Your provider can prescribe this method for you.

The patch works better than birth control pills to prevent pregnancy. Very few women who use the patch are likely to get pregnant.

The skin patch contains estrogen. Along with the higher risk for blood clots, there is a rare risk for high blood pressure, heart attack, and stroke. Smoking increases these risks even more.

VAGINAL RING

The vaginal ring is a flexible device. This ring is about 2 inches (5 cm) wide and is placed into the vagina. It releases the hormones progestin and estrogen.

- Your provider will prescribe this method, but you will insert the ring yourself.
- It will stay in your vagina for 3 weeks. At the end of the third week, you will take the ring out for 1 week. DO NOT remove the ring until the end of the 3 weeks.

Side effects with the vaginal ring may include:

- Nausea and breast tenderness, which are less severe than with birth control pills or patches.
- Vaginal discharge or vaginitis.
- Breakthrough bleeding and spotting (may occur more often than with birth control pills).

The vaginal ring contains estrogen. As a result, there is a rare risk for high blood pressure, blood clots, heart attack, and stroke. Smoking increases these risks even more.

The vaginal ring slowly releases both estrogen and progestin into your blood.

The vaginal ring works better than birth control pills to prevent pregnancy. Very few women who use the vaginal ring are likely to get pregnant.

HORMONE-RELEASING IUDS

An intrauterine device (IUD) is a small plastic T-shaped device used for birth control. It is inserted into the uterus. IUDs prevent sperm from fertilizing an egg.

A newer type of IUD releases a low dose of a hormone into the uterus each day for a period of 3 to 8 years. This increases the effectiveness of the device as a birth control method. It also has the added benefits of reducing or stopping menstrual flow. It may help protect against cancer (endometrial cancer) in women who are at risk of developing the disease. There are several different IUDs of this type. Some are specially shaped for women who have never been pregnant.

You have choices for what type of IUD to have. Talk with your provider about which type may be best for you.

Alternative Names

Contraception - slow-release hormonal methods; Progestin implants; Progestin injections; Skin patch; Vaginal ring

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