

HOW THE PILL KILLS

The 4th Way The Pill Kills

Women on the Pill are more likely to die a violent death

In 2010 the British Medical Journal published a large study of nearly 2,000 women who had taken the Pill and died entitled, "Mortality among contraceptive pill users: cohort evidence from Royal College of General Practitioners' Oral Contraception Study."(11) The study found that women who had taken the pill had higher rates of violent death and that the rate of violent death increased with the duration of pill use.

Although this was not explained in the study, a letter to the editor, published March 13, 2010, by S. Craig Roberts at the University of Liverpool gave an explanation for those results based upon research done years earlier.(12) He stated, "I suggest that recent evolutionary insights into human partner choice provide a clue." He stated that there is evidence that use of oral contraception alters women's baseline preferences for men such that pill users prefer men who are relatively similar to themselves at the DNA loci of the major histocompatibility complex (MHC) genes.(13) In other words, they prefer men who are genetically very similar to themselves.

One consequence of being partnered with relatively MHC-similar men is that such women express lower sexual responsivity toward their long-term partner compared with women in relatively MHC-dissimilar relationships; they reject sexual advances from their partner more frequently and report having more "extra-pair partners." In other words, in their relationship, they had fewer sexual relations and more infidelity or adultery.

MHC-similar relationships also have fertility problems and their children are more likely to have genetic defects due to genetic homozygosity/similarity as occurs with close relatives intermarrying.

It is not unreasonable to suspect that these effects increase the rates of intimate partner violence. This is the most common cause of nonfatal injury among women and accounts for more than a third of women murdered in the United States.(14) Homicide is the greatest cause of death of pregnant women.(15)

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The 5th Way The Pill Kills

Suicide attempts and suicide

In 2017 a study of almost half a million Danish women showed a 97% increase in suicide attempts and a 208% increase in suicides. These women were on any hormonal contraceptives including the Mirena IUD and the increase occurred 2 months after starting The Pill.(17)



THE PROBLEM IS HUGE

Over 61 million women are on the Pill.

- There are approximately 75 million women of reproductive age (15-45 years old) in the US.
- 82% of these women take the Pill
- Women on the PILL are more likely to have an MI, a CVA, a PE; get breast, cervical or liver cancers; get HIV and HPV infections; die a violent death or commit suicide.

Is this what we want for young women?

THE PILL KILLS

The Pill also causes miscarriages (spontaneous abortions) by acting as an abortifacient

- As is well observed by those on the pill, menstrual periods are light because the pill reduces the thickness of the endometrial lining, resulting in difficulty of implantation of the embryo after conception has occurred.
- The pill also results in biochemical changes, such as in the levels of interleukins, which are molecules necessary for implantation.(16)

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The Pill Kills

The Life Threatening
Medical
Consequences of Oral
Contraceptives
or
estrogen-progestin
combination drugs



**BREAST CANCER
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What is "the Pill"?

When women refer to "The Pill," they usually are referring to estrogen-progestin combination birth control pills (oral contraceptives) that are taken daily from a monthly packet.

This brochure concerns estrogen-progestin combination drugs and their adverse effects on women's health. These drugs can also be given using vaginal rings or skin patches which contain the same hormones as the Pill.

There are also progestin-only contraceptives that are linked to breast cancer; for instance, the "mini-pill" and the Depo-Provera injection. There is a progestin-only IUD called the Mirena.

HOW THE PILL KILLS

The 5 Ways the Pill Kills

1. They cause your blood to clot

These clots can form in your heart, brain, and travel to your lungs from the legs.

2. They make it easier to get potentially lethal infections

The Pill increases your risk of human papilloma virus (HPV) and human immunodeficiency virus (HIV)

3. They cause cancer

The Pill is a known group 1 carcinogen for breast, cervical and liver cancers according to the UN's International Agency on Research of Cancer (IARC).

4. They make it more likely you will die a violent death

A large 2010 medical study showed that women were more likely to die a violent death if they took The Pill. Medical studies from as early as the late 1980s documented the biological reasons for this.

5. They make it more likely you will commit suicide

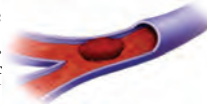
A large 2017 study showed a 97% increase in attempted suicide and a 200% increase in suicide among The Pill takers.

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The 1st Way The Pill Kills

The Pill makes your blood clot

- Blood clots can form in the heart, the brain, or travel to the lungs from the legs.
- Blood clots in a heart artery cause a heart attack (MI).
- Blood clots in a brain artery cause a stroke (CVA).
- Blood clots in your leg veins cause a deep venous thrombosis (DVT). These blood clots can break off from the legs and go to the lungs causing a fatal pulmonary embolism (PE) and are known as venous thromboembolisms (VTE).
- Women with heredity conditions that cause clotting (example: deficiencies in protein C & S, antithrombin III, or Factor V Leiden) cause even higher rates of clotting.



MI: There is twice the risk of heart attack

Risks are even higher if women have other risk factors for myocardial infarction (MI).

- Women with no conventional risk factors (hypertension, hypercholesterolemia, diabetes, or smoking) who used the Pill had **twice** the risk of heart attack. The duration of the Pill use did not matter.(1)



Among women who had used the Pill, the risk of MI was highest among:

- Those with hypertension had **5** times the risk.
- Those who smoked had over **12** times the risk.
- Those who had diabetes had **16** times the risk.
- Those who had high cholesterol had **23** times the risk.

CVA: There is over twice the risk of stroke in women on the Pill

By a meta-analysis which combined the results of 16 studies, there is near 3 times the risk of ischemic stroke in women who used the Pill.

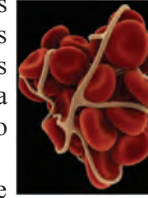
The risk is even higher with other risk factors. But for women who take birth control pills and smoke, have high blood pressure or have a history of migraine headaches, the stroke risk is significantly higher.(2)



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VTE: There is two to three times the risk of lung blood clots in women on the Pill

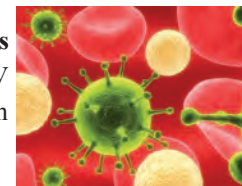
- The Pill increases the risk of blood clots in the deep veins of women's legs (DVT). If the blood clots in the legs break off (VTE) and lodge in the lungs, a pulmonary embolism (PE), can lead to death if the PE is large.
- By study, oral contraceptives increase the risk of deep venous thrombosis 5 times.(3)
- Pulmonary embolism in women who use the Pill for less than a year was **tripled** compared to women who did not use the Pill.
- The risk of pulmonary embolism decreased with decreasing doses of estrogen in the Pill.
- Pulmonary embolism increased dramatically by 60-80% if the Pill had androgenic progestins, as found in Yaz and Yasmin.; such as desogestrel, gestodene, drospirenone, and cyproterone.(4)
- The Ortho-Evra patch used for contraception causes clots higher than the rates with the Pill as the patch causes 60% higher estrogen levels than in the Pill users.



The 2nd Way The Pill Kills

Women on the Pill are more likely to develop lethal infections

- Women on the pill **increased their risk of getting HIV infection by 60%** when compared to women not taking the pill.(5)
- Women on the pill were **twice as likely to transmit HIV** to their partner.
- Women on the pill were **twice as likely to get infected with HPV** (human papilloma virus) which causes cervical cancer.(6)



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The 3rd Way The Pill Kills

The Pill can cause breast cancer

- Since 1975, the risk of in-situ breast cancer has increased 400% in premenopausal women. Invasive cancers have increased 40% overall in the U.S.
- In 2000, the National Toxicology Advisory Panel put estrogen on its list of carcinogens. There are metabolites of estrogen which directly damage DNA causing mutations and cancer.
- In 2006, a meta-analysis in the Mayo Clinic Proceedings showed a 44% increase risk of breast cancer in women who took the Pill before having a child.(7)
- In 2007, the UN's International Agency on Research of Cancer (IARC) reported in their Monograph 91 that estrogen-progestin combination drugs (the Pill) were a group 1 carcinogen for breast, cervical and liver cancers. Although the risk of uterine and ovarian cancers were lower on the pill, there is 4 times more breast cancer in women than uterine and ovarian cancers combined.(8)
- In 2009, Dolle showed a 320% increase risk of triple negative breast cancer in women on the Pill, which is the most difficult and deadly form of breast cancer to treat.(9)



The Pill can cause cervical cancer

The risk of cervical cancer increases after more than five years on the Pill

- Women who use the Pill for five to nine years have twice the risk of cervical cancer.
- Women who use the Pill for 10 years or more have more than a three times risk of cervical cancer.(10)

The Pill can cause liver cancer

Primary liver cancer (hepatocellular carcinoma) is rare in developed countries and the pill increases its risk over 50% in women.(8)

- A meta-analysis of 12 studies showed the Pill increased liver cancer 50%. Six studies showed the longer the Pill is used, the higher the risk.
- The pill also increases the risk of benign tumors, hepatic adenomas and focal nodular hyperplasia (FNH) of the liver.

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