# The Beginning of a Human Being

## The Beginning

When an egg and sperm come together a unique human being is created that at this stage is called an embryo. Over 3 billion DNA base pairs combine at that moment to decide a unique combination of characteristics including hair color, the length of the nose, and even fingerprint patterns. All that is needed is time and protection and that person who began so small will be born.

### The Trick

Some people think of this small human being as just a lump of cells and not a person. We must remember, though, what the baby is, not what he or she looks like. Many people look different than we expect them to, but we still would say they are human beings. This is true with an unborn baby, too. It does not matter what the newly fertilized egg looks like; it matters what it is. What is it? It is a human being waiting to grow up and be born.

### The Truth

This is why the truth about Plan B One Step® is so difficult. It seems convenient but the reality is much more complex. Besides the side effects and the failure rate, there is still the reality that Plan B One Step® can kill little human beings. Making the choice not to use Plan B One Step® can be difficult, but please consider that a human life may be saved or lost depending on your decision.

## Are you single?

Why not avoid the risks and side effects of the morning after pill altogether? Abstinence is the only 100% effective method to prevent pregnancy (and sexually transmitted diseases). All other methods leave you vulnerable.

### **ELLA**

Another emergency contraceptive pill is ELLA. Likely, the main way that Ella prevents pregnancy is the inhibition or delaying of ovulation. However, Ella may be an abortifacient depending upon when given. If sperm fertilizes the egg, now Ella may cause a very early abortion by causing changes in the lining of the womb that may prevent implantation of the embryo.<sup>4</sup> Another theory is that if Ella is given at ovulation or within 24 hours after ovulation and the egg is fertilized, Ella may act on the mother's immune system to attack and disable the embryo prior to and just at the time of implantation so that this tiny new human being is unable to attach to the womb.<sup>5</sup>

#### References

- 1. Highlights of Prescribing Information, Plan B One-Step® (levonorgestrel) tablet, 1.5 mg, for oral use. Found at http://www.accessdata.fda.gov/drugsatfda\_docs/label/2009/021998lbl.pdf, accessed 10-3-2013. Note: although this source reports 1 in 8 women would still become pregnant using Plan B®, this number was derived after rounding. The actual data reported 16/1198 (1.34%) pregnancies using Plan B®, and 8.35% expected pregnancies, yielding 1.34/8.35 or 16% failure rate (about 1 in 6). Excerpt from this source concerning ectopic pregnancies: "Ectopic pregnancies account for approximately 2% of all reported pregnancies. Up to 10% of pregnancies reported in clinical studies of routine use of progestin-only contraceptives are ectopic."
- 2. Plan B® is a registered trademark of Women's Capital Corporation, a subsidiary of Duramed Pharmaceuticals, Inc. Duramed is a subsidiary of Barr Pharmaceuticals, LLC.
- 3. Medline Plus-National Institute of Health http://www.nlm.nih.gov/medlineplus/ency/article/002398.htm Updated March 2013, accessed 9-29-2013.
- 4. FDA insert online, revised 8-13-2010 from Watson Pharma, Inc, Ella package insert. www.accessdata.fda.gov/drugsatfda\_docs/label/2010/022474s000lbl.pdf, accessed 9-29-13.
- 5. Immunopharmacology of Ulipristal as an Emergency Contraceptive, Miech, Ralph. P., International Journal of Women's Health, 2011, Volume 3, Pages 391-397.
- 6. FDA: News & Events, FDA approves Plan B One-Step emergency contraceptive for use without a prescription for all women of child-bearing potential, June 20, 2013. Found at: http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm358082.htm, accessed 10-3-2013.

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# How Plan B One Step® Works1 1. Stops ovulation 2. Stops sperm from If this does not work... Stops egg form If this does not work... 3. Stops fertilized implanting 4. If all steps fail, woman becomes

# Plan B One Step -What is It?

Morning After Pills contain chemically synthesized one or more unnatural hormones that are similar to female hormones in a woman's body. The way the Morning After Pills work is to change the natural availability of normal female hormones in her body. The goal is to alter what her ovaries and uterine lining do naturally into something that is unnatural. Plan B One Step® can cause nausea, vomiting, irregular and unpredictable menstrual periods (especially on multiple uses), and lower abdominal pain. If taking this pill, a woman should be alert to the possibility of having an ectopic (tubal) pregnancy, that can be life-threatening and damaging to her reproductive system.¹

The main way Plan B One Step® prevents pregnancy is by the prevention of ovulation. If this works, the egg is not released and cannot be fertilized.<sup>1</sup>

The second way pregnancy is prevented is by changing the cervical mucus, which increases the difficulty of sperm entry into the uterus. Again, the egg will not be fertilized.<sup>1</sup>

The third method of prevention is that the fertilized egg may not be able to implant in the uterus because of changes to the lining, killing an already conceived individual.<sup>1</sup>

About one in six women using Plan B One Step® who would have become pregnant may still become pregnant. This is a 16 percent failure rate PER use of Plan B One Step® (levonorgestrel).<sup>1</sup>

# Morning After Pill

Plan B One Step<sup>®2</sup> is frequently referred to as the "Morning After Pill" or MAP. It can also be referred to as "Emergency Contraception." The drug used is called levonorgestrel, which is a progestin. It is also available in a generic version called Next Choice. Plan B One Step<sup>®</sup> is available over the counter to people 15 years or older<sup>6</sup>. It is a serious drug that can have serious consequences up to and including causing an early abortion. The reality is, the morning after pill seems convenient, but it can end a life!



# Human Life Begins at Fertilization (Conception)

- Fertilization/conception occurs when the father's sperm unites with the mother's egg.
- The fertilized egg (zygote) contains all of the genetic information (DNA) needed to become a baby.<sup>3</sup>
- At that instance, this human life is genetically unique from its parents.
- All genetic characteristics are present such as gender, hair, skin, and eye color, height, etc.
- Approximately 6 days after the new life begins, he or she implants in the womb of the mother to grow for nine months until birth.