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Period 4, English 12

October 14th, 2019

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Senior Paper

Humans always want more from themselves. They workout, go on diets, and go to school to build their brains. Whatever lengths each individual achieves, they do not stop; they go for more. There is a limit that humans cannot surpass without biological enhancements. Modern-day science has found a way to change the long history of human limitations. This change to the human body would alter the way the world works. Sports would no longer be competitive, as anyone could excel at them. Overpopulation would be an issue due to increased life span and immortality. Humans, after biological enhancement, would no longer be human. There are multiple problematic effects of biological enhancements that must be taken with great precaution; biological alterations to the human body are harmful to society.

Competition causes people to give their all, their complete physical ability to finish first or do the task the best. Competition drives society and people to wake up in the morning. Most people desire to better themselves. Without this desire, a person has no self-worth in their mind. An article titled Self-respect: A neglected concept, Constance E. Roland and Richard M. Foxx, states, “Self-respect elicits behaviors that one should be treated with respect and requires the development and pursuit of personal standards and life plans that are guided by respect for self and others,” (Roland). Thus without the concept of betterment in oneself, society would collapse from a void in planning for the future and justifications for someone’s actions. Chemically imbalanced humans with biological enhancements would cause stress on the competition of the sport.

Steroids are a big contender for the equality of sports. For as long as society has existed, sports and competition have been actively practiced. With the new advancement in steroids and other pills that can enhance the human body to perform better than it should, the integrity of sports has been at stake. Each year, drug tests are performed on each athlete to ensure they are adhering

to the association's rules on certain drugs for the sport. The illegal steroids are coming out new and harder to track all the time, while the tests are still ancient. A popular drug testing provider known as LabCorp holds thousands of drug tests every year for athletes. Within their website, they state, "Standard urine drug testing panels range from five to 10 drug (identification)," (source3). With a limited number of drugs found from these tests, a wide variety of other illegal narcotics are not on the radar. The reduced drug test quality creates an easy loophole for athletes and steroid producers to sneak through the drug testing barrier.

Modern-day testing does not apply to the new advancement in the black market and illegal steroids and other performance-enhancing drugs. The national steroid epidemic is causing unnatural competition and has eliminated fairness in sports. "Still, about 30 percent of college and professional athletes use anabolic steroids, as do 10 to 20 percent of high school athletes," (Dobs). With such levels of abuse, better drug identification and testing need to arise in the sports world, and all educational and professional levels should adopt this idea. The athlete must push their body to reach its peak performance and are not to receive this advantage with steroids. Without limits on steroids, sports have an increased risk of becoming instinct. Sport associations are responsible for drug tests. They must follow through to keep sports in society and available for other generations to compete in the future.

The future is now. Every decade the Earth has millions of humans added on to it. This concern of having too many people on the planet is a significant issue that society has been pushing onto the next generation. In an article called, Why the human lifespan is rapidly increasing, it states that "Healthy life span is rapidly increasing and human aging seems to be postponed," (source4). Increased life span and postponed aging can be credited to new advancements in biological engineering. These enhancements on humans are dangerous to society. An increased life span for everyone would aid overpopulation and help destroy the ecosystem. Thus causing an ethical problem to save the elderly or save the planet.

The planet cannot grow; the population of humans is ever so fluctuating. There are many species of animals on the planet, but one stands out the most. This species is Homo Sapiens.

Humans are responsible for what happens to the planet. No other creature can change as much of the Earth as humans can. There is a maximum capacity the Earth can have just like each room. “We’re en route to a population of 9 billion by 2050, and 10 billion by 2100.” (Wolchover). This statement was from an article called How Many People Can Earth Support. In the article by Natalie Wolchover, she states that Earth’s capacity is around this number of 9 to 10 billion people and that we are straight on course to reaching this number. We must look at this limit and try to prevent the catastrophic end to life in such a short period. The fabrication of biologically enhanced drugs made to lengthen the human life span needs to be thoroughly looked at or if need destroyed. The choice for human life expectancy to be elongated or to stay the same is a controversial idea of saving one’s life overall lives.

The choice between an individual’s life versus the Earth’s capacity for humans has put a stress on moral philosophers and biological engineers. The idea of saving a life by elongating it plays a factor in supporting the enhancing of humans. Although the effect this would play on the population has been causing society to restrict this practice. “(Life Extension) Is particularly relevant now as more and more scientists are coming to the conclusion that aging is a disease and, as such, could be treated,” and in the same article the author talks about how particular therapy has been found to extend the life through the biological reasoning of the, “SM correlation (Strehler-Mildvan)” (Galeon). Since the evolution of science, researchers have been looking for a way to give immortality to humans. Hundreds of different studies have been tried and many successful. All this commotion in the science world has brought around bioethical attention to prevent catastrophic effects from these ideas and tests.

Bioethical stances on the extension of life include many different reasons such as; unequal death, the amount of time we live is not as significant as how we live, and the desire for self-respect and preservation is eliminated when life is lengthened. This simple statement should be the justifier for why extending the life expectancy of humans needs to be thrown out the window. With all the harmful effects of extending the life of people would supersede the limit and destroy the planet. From greed to the destruction of ecosystems, the impact the human race would have from society

should be a tell-tale sign to avoid these procedures.

Biologically enhancing one's self is a path to isolation. This treatment to change the body's composition does not just add or take away from the body, the brain changes as well. Research about steroids' effect on the body has migrated to the brain. A change in aggression, sexuality, or mood has been seen visually on how the subjects act after steroid use. These effects break the ice on what the chemicals from these performance-enhancing drugs do to the body. Many cases have been linked to paranoia and severe aggression (roid rage). These drugs and steroids are known to increase dopamine levels, which causes addiction habits to them. As the user becomes more addicted and dependent on the steroids, making them less human. Steroids have a significant impact on the brain and the emotions people use every day, and should not be used for higher athletic ability.

To some, the question of changing themselves is passed when they are looking for a new appearance in the mirror or a better record for an activity. In reality, they will be affected by these chemicals for their entire life and will never be the same again. The determination for self-improvement and drive for betterment was cheated, and the user is much less themselves. Cheating will destroy the life of natural competition, making society a little less human. An article titled, The Future of Cheating in Sports, by Christie Aschwanden, it states that competition would be with superhumans made by scientists, "If such technologies mean that tomorrow's competitors will be born and not made, we'll need to radically redefine what it means to be an athlete," (Aschwanden). This would cause sports to be run by those who could afford the most expensive drugs. A future of cheating and enhancing humans to produce better results in the competition will take away from the essential concept of sport. Steroids and other biological enhancements are harmful to society.

Testosterone boosters apply only to men, but there are female equivalent hormone boosters. The hormone boosters of modern-day do wonders to help those in need. These are a significant application to the need of human enhancements, but with the hormone booster being available to everyone on the open market poses a risk. The boosters are easily misused and can be easily applied to an athlete looking for an edge in their sport. Hormone boosters are not entirely safe as minors

uphold a more substantial risk of severe side effects from the hormone boosters. "Children may develop aggressive behavior, enlarged genitals, and pubic hair." (Westphalen). These testosterone injections and other hormone boosters pose a threat to competition. They should be kept off the open market just as steroids have been, to prevent cheating in sports and the well-being of young athletes.

However, some claim, steroids are useful for one's reconditioning, or for loss of testosterone, but there are much better alternatives. With modern science being way more advanced than in the past and new studies and research are conducted daily, the new treatments can be far better than its dated counterpart, steroids. Reasons to avoid the use of steroids are plain to see. With high risks of addiction, the decision to avoid such chemicals is an obvious choice. Addiction fuels the body when filled with the substance desired, but addiction to steroids is most harmful. Addiction to steroids would vamp the effects generally caused by a single dose. The strength of the steroids is decreased each time, because of the body's natural tolerance building up. This tolerance would cause the user to take more doses and even more frequently. The risks of addiction from steroid is high even after medical uses. Addiction is not the only risk, with claims of usefulness from steroids hold the risk on the planet.

Biological enhancement is a first step into the technology era of humans. However, scientists could be stepping too far into what they cannot prevent. Illegal steroids and even legal hormone boosters direct society astray and cause potent effects that damage itself. The future of sports is at risk from chemicals that can alter the human body's composition to give an edge to an athlete. With sports being dominated by those with the most significant bank accounts, the fundamentals of essential human competition are at stake. Every day breakthroughs arise in the science world, and they need to be regulated. A risk to society from overpopulation can be caused by lengthening the human life span. The first step towards the regulation of these newly tested drugs and the open market needs to take place. The damages that can be caused by the steroids and other chemical enhancing drugs are not just on the user but those around them. Precaution is the first step needed to prevent the cancerous damages done by biologically enhancing humans.