



Enhancements

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Cover Art by Eve

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You need to be enhanced.

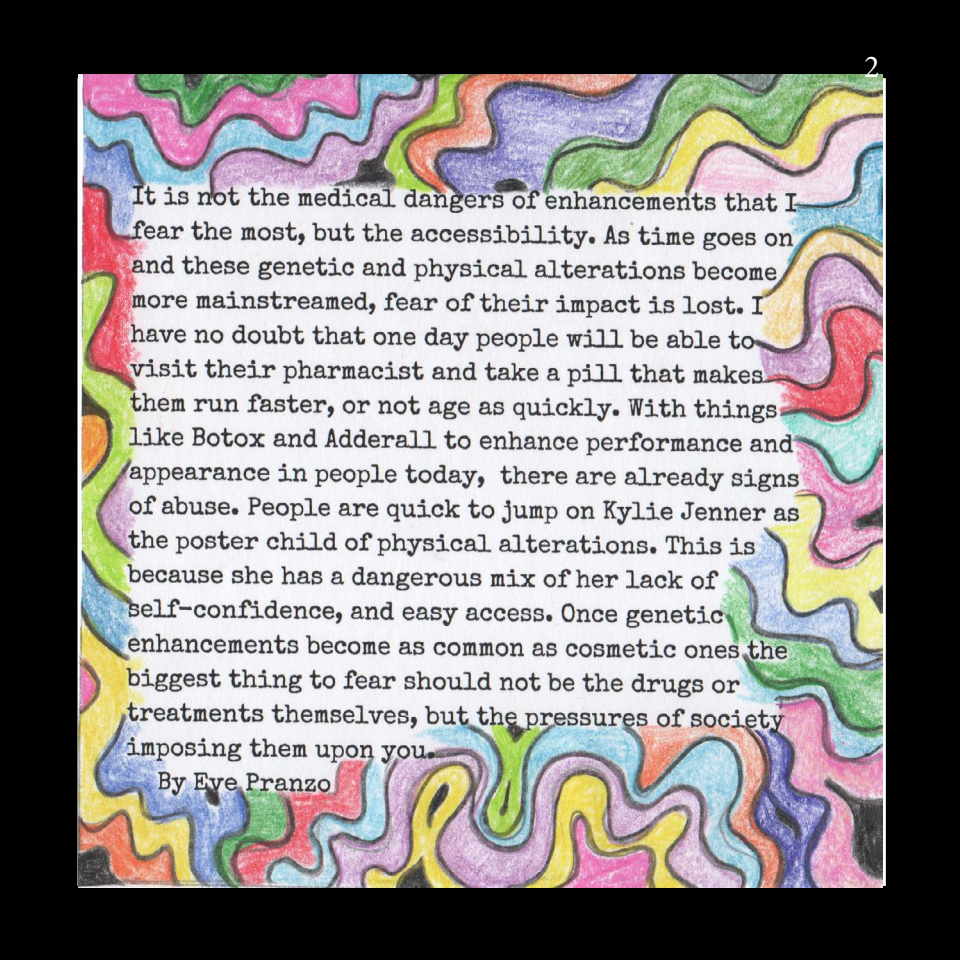
Your life will be perfect.

You'll have everything you've  
ever wanted. It'll cure  
all of your worries about  
self doubt and body image.

Trust me..




Eye Plants



It is not the medical dangers of enhancements that I fear the most, but the accessibility. As time goes on and these genetic and physical alterations become more mainstreamed, fear of their impact is lost. I have no doubt that one day people will be able to visit their pharmacist and take a pill that makes them run faster, or not age as quickly. With things like Botox and Adderall to enhance performance and appearance in people today, there are already signs of abuse. People are quick to jump on Kylie Jenner as the poster child of physical alterations. This is because she has a dangerous mix of her lack of self-confidence, and easy access. Once genetic enhancements become as common as cosmetic ones the biggest thing to fear should not be the drugs or treatments themselves, but the pressures of society imposing them upon you.

By Eye Pranzo



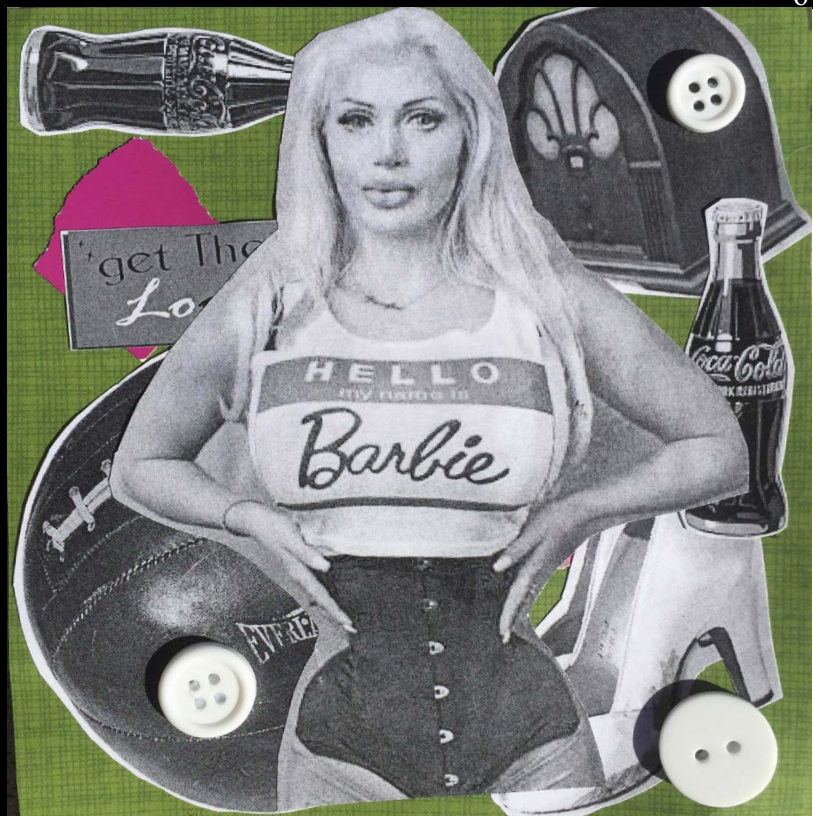


Here's what a perfect life is.

You will be perfect, and perfect people

don't have problems.



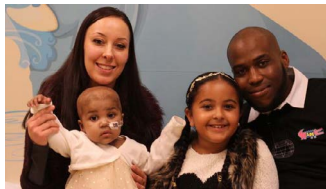


## Genetic Enhancement

There are two different ways you can enhance yourself through gene doping and gene Therapy. Gene Therapy and Gene doping work the same but they are used differently.

### Gene Therapy

Gene therapy- when genes are used to cure mutations the genome.



Above you see a baby who has been cured of leukemia because she's gone through gene therapy.

### Gene Doping

When genes are used to enhance an ability or athletic performance.



Above you see an athlete who has used gene doping to enhance his athletic ability.

Which, if any, is right?



## Somatic Cell Modification

Happens when someone is alive and it isn't hereditary meaning meaning enhancements won't get passed to offspring.



## Germline Modification

Happens when the sperm and egg are still being developed the product is hereditary.



They both work through vectors, vectors work by carrying and transmitting DNA the most common vectors are viruses and plasmids. A Plasmid is a ring of DNA and once infected need an electric shock so that the cell will take up the plasmid. A Virus is not alive and needs a host to transmit the DNA it's carrying unlike a plasmid a virus doesn't need an electric shock to get past the cell membrane.

I Wish  
Nayeli Moran

I wish I could be like them  
I'm stuck in a body I was born with  
I could be so much more  
I know my parents try to give me their all  
Is it wrong to wanna be more?  
I know it's expensive but...  
I just wanna be more  
they have everything!  
They're strong  
fast  
smart  
they are everything  
They didn't even have to work for a thing  
money can buy everything  
I wish I could be like them.

