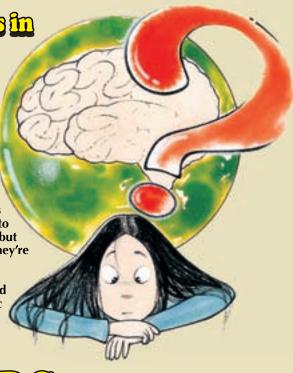
Anabolic Steroids in Medicine

Doctors never prescribe anabolic steroids for building muscle in young, healthy people. (Try push-ups instead!) But doctors sometimes prescribe anabolic steroids to treat some types of anemia or disorders in men that prevent the normal production of testosterone.

You may have heard that doctors sometimes prescribe steroids to reduce swelling. This is true, but these aren't anabolic steroids. They're corticosteroids.

Since corticosteroids don't build muscles the way that anabolic steroids do, people don't abuse them.



STEROIDS



- 1) Anabolic steroids can affect the hypothalamus.
- 2) Anabolic steroids strengthen the immune system.
- 3) Ánabolic steroids can cause males' breasts to grow and females' breasts to shrink.

1) True, 2) False, 3) True.

The Search Continues

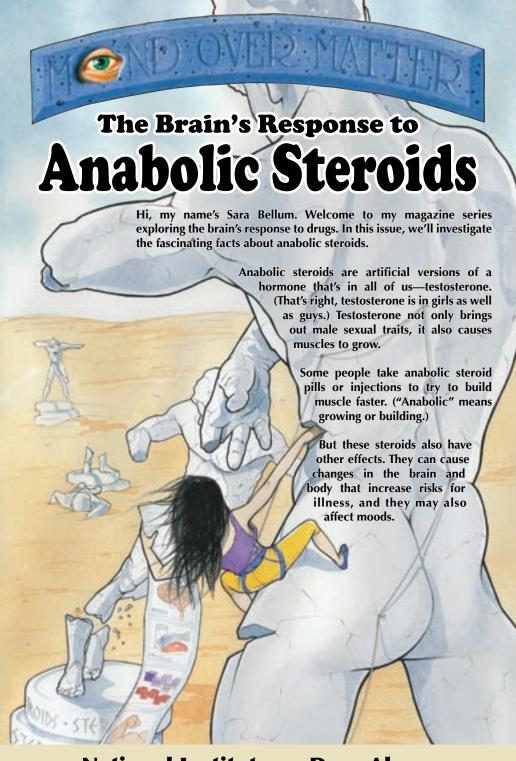
There's still a whole lot that scientists don't know about the effects of anabolic steroids on the brain. Maybe someday you'll make the next big discovery. Until then, join me—Sara Bellum—in the other magazines in my series, as we explore how drugs affect the brain and nervous system.



For more information, visit: www.teens.drugabuse.gov

To learn more about anabolic steroids and other drugs of abuse, or to order materials on these topics, free of charge, in English or Spanish, visit the NIDA Web site at www.drugabuse.gov or contact the DrugPubs Research Dissemination Center at 877-NIDA-NIH (877-643-2644; TTY/TDD: 240-645-0228).

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National Institute on Drug Abuse

You may have heard that some athletes use anabolic steroids to gain size and strength. Maybe you've even seen an anabolic steroid user develop bigger muscles over time.

But while anabolic steroids can make some people look stronger on the outside,

For example, anabolic steroids are bad for the heart—they can increase fat deposits in blood vessels, which can cause heart attacks and strokes. They may also damage the liver. Steroids can halt bone growth which means that a teenage steroid user may not grow to his/her full adult height.

TO Steroids Altegration in an incident

Scientists are still learning about how anabolic steroids affect the brain, and in turn, behavior. Research has shown that anabolic steroids may trigger aggressive behavior in some people. This means that someone who abuses anabolic steroids may act mean to people they're normally nice to, like friends and family, and they may even start fights. Some outbursts can

be so severe they have become known in the media as "roid rages." And when a steroid abuser stops using the drugs, they can become depressed, even suicidal. Researchers think that some of the changes in behavior may be caused by hormonal changes that are caused by steroids, but there is still a lot that is not known.

Your body's testosterone production is controlled by a group of nerve cells at the base of the brain, called the hypothalamus. The hypothalamus also does a lot of other things. It helps control appetite, blood pressure, moods, and reproductive ability.

In guys, anabolic steroids can interfere with the normal production of testosterone. They can also act directly on the testes and cause them to shrink. This can result in a lower sperm count. They can also cause an irreversible loss of scalp hair.

In girls, anabolic steroids can cause a loss of the monthly period by acting on both the hypothalamus and reproductive organs. They can also cause loss of scalp hair, growth of body and facial hair, and deepening of the voice. These changes can

