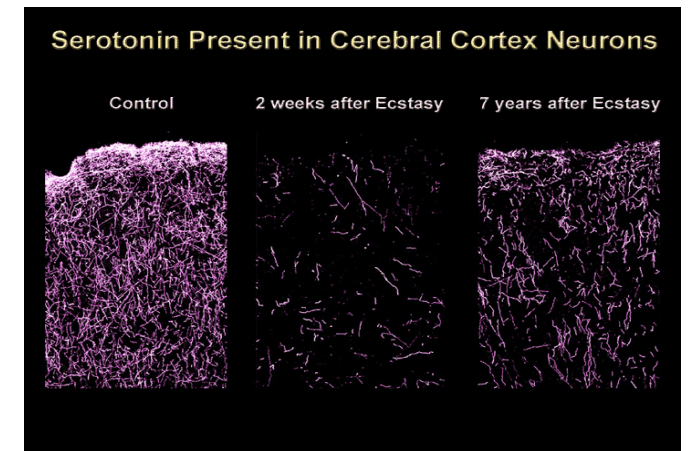




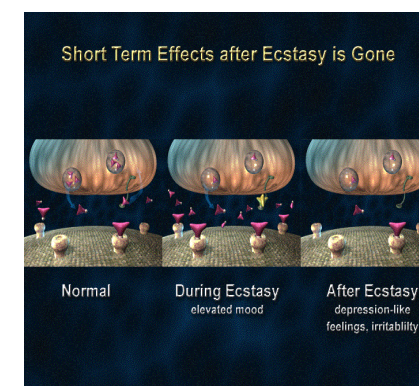
Extacy is a powerful mood changer, which lets the user act the way he/she wants without having to think beforehand. Addicts often feel happy, confident, energetic, social, silly and relaxed when on Extacy. It is said to take away certain feelings like jealousy and pain. MDMA is known as a hallucinogenic drug, but this is not true. Extacy can be a hallucinogenic drug if it is not made from pure MDMA but also mixed with other drugs like LSD. Nowadays, the pill can also contain ketamine, speed, DXM, MDEA and MDA. DXM is a cough medicine that dries out the lungs, and makes dehydrating even more dangerous and likely to happen.



On the left, the monkey who did not receive any ecstasy had a lot of serotonin (in pink) in the neocortex. Two weeks after a monkey received ecstasy, most of the serotonin was gone (point to the middle panel), suggesting that the serotonin neuron terminals were destroyed (there was no destruction of the serotonin cell bodies arising back in the brainstem). Point to the right-hand panel and show students that this damage appeared to be long-term because seven years later there was some recovery, but it was not complete.

‘Extacy’ can cause seizures and your brain to shutdown after about an hour.

-Dr. Joseph Frascella



effects of ecstasy on receptors

MDMA (3,4-methylenedioxymethamphetamine) use has escalated in recent years among college students and young adults who attend these social gatherings. Heavy MDMA users had significant impairments in visual and verbal memory. Ecstasy floods your brain with serotonin and dopamine. Ecstasy can increase body temperature to as much as 108 degrees and can dehydrate users to a dangerous level. Ecstasy can dramatically lower inhibitions and increase the risk of sexual assault. Some studies have shown that it can cause long-term brain damage and memory impairment, even after a single dose. Ecstasy can be a hallucinogenic drug if it is not made from pure MDMA but also mixed with other drugs like LSD. Ecstasy. It is said to take away certain feelings like jealousy and pain. Addicts often feel happy, confident, energetic, social, silly and relaxed when on Extacy.

The Stroop test

**Black Blue
Green Orange**

Heavy MDMA abusers were slower and made more errors on the Stroop, a test of attention and mental processing speed, than did moderate abusers and nonabusers. The test requires subjects to respond as quickly as possible with the color of ink in which each word is printed while suppressing the urge to read the word. In the above illustration, the correct answers are (first line, left to right) “blue” and then “black;” second line, “orange” and then “green.”