

The Top 10 Botox Facts #Tweenote

- 1** Botulinum toxin, the active ingredient of Botox was first described Justinus Kerner in 1820 after his townfolk consumed tainted sausages
[#plasticsurgery](#) Kerner, J. 1820. Neue Beobachtungen über die in Württemberg... Tübingen: Osiander
- 2** Clinical use was developed by Dr A Scott for strabismus & called Oculinum. It was renamed Botox after Allergan bought the rights in 1991
[#plasticsurgery](#) Scott, AB. Botulinum toxin injection into extraocular muscles. 1980, Ophthalmology 87 (10): 1044-9
- 3** All the Botox in the world is made in the town of Westport, Ireland at Allergan's 30 acre facility producing >800 million units per year
<http://www.destinationwestport.com/>
<http://www.allergan.ie/AboutUs/CompanyHistory/AllerganinIreland.aspx>
- 4** Therapeutic Index is a ratio of Toxic to Effective dose. Botox (68:1) is far safer than aspirin (6:1), paracetamol (8:1) & alcohol (10:1)
[#plasticsurgery](#) BOTOX® Cosmetic (onabotulinumtoxinA) Product Information". Allergan, Inc. January 22, 2014.
[#plasticsurgery](#) Gable, RS. Comparison of acute lethal toxicity of commonly abused psychoactive substances. 2004, Addiction 99 (6): 686
[#plasticsurgery](#) Zimmerman, HJ. Acetaminophen (paracetamol) hepatotoxicity. 1995, Hepatology 22(3): 767
[#plasticsurgery](#) Disposition of Toxic Drugs and Chemicals in Man (9th ed.). Seal Beach, California: Biomedical Publications. p20-23
- 5** Botox works within 5 days. In a study, nearly half of patients reported effects by Day 1, with 100% reporting effect after Day 4
[#plasticsurgery](#) Beer KR et al. Rapid onset response & patient-reported outcomes after onabotulinumtoxinA. J Drugs Dermatol. 2011 10(1):39
- 6** Botox can make you look younger. A prospective study showed 37% of patients felt they looked an average of 5 years younger
[#plasticsurgery](#) Stotland MA et al. Patient-Reported Benefit and Satisfaction with Botulinum Toxin. Plast. Reconstr. Surg. 2007,120:1386
- 7** Botox can prevent facial aging. Long-term (13 year) identical twin study shows reduced imprinted facial wrinkles in the treated areas
[#plasticsurgery](#) Binder, WJ. Long-Term Effects of Botulinum Toxin Type A (Botox) on Facial Lines. Arch Facial Plast Surg. 2006;8:426-431
- 8** Botox can make you happy. A single treatment can induce significant & sustained antidepressant effect in patients with major depression
[#plasticsurgery](#) Finzi, E & Rosenthal NE. Treatment of depression with onabotulinumtoxin A. J. Psych. Res. 2014 (52) 1-6
- 9** Botox can help with migraines. Several clinical trials indicate Botox reduces number, severity & duration of migraines in chronic patients
[#plasticsurgery](#) Aurora SK et al. Headache 2011,51(9):1358-73. OnabotulinumtoxinA for treatment of chronic migraine
- 10** Botox can prevent sweating. Excessive armpit sweating can be significantly reduced for 6-8 months after injection of 50 U per side
[#plasticsurgery](#) Bushara K et al. Clin Exp Dermatol 1996, 21(4):276-8. Botulinum toxin--a possible new treatment for axillary hyperhidrosis