

Morphine

Morphine, the principal active agent in **opium**, is one of the most effective drugs known for the relief of severe pain. Like other opiates, morphine acts directly on the **central nervous system (CNS)** to relieve pain. Morphine can be taken orally in tablet form, and can also be injected intravenously. Morphine is a potent painkiller that was used specifically in WWII. Moreover, it is **highly addictive**. Side effects include **impairment of mental performance, euphoria, nausea, tearing, yawning, chills, and sweating, inhibits the cough reflex, drowsiness, lethargy, and blurred vision**. It also **decreases hunger**, and **produces constipation**. Morphine is usually highly addictive, and tolerance and physical and psychological dependence develop quickly. Patients on morphine often report **insomnia** and **nightmares**.

Morphine was first isolated in 1803 by the German pharmacist Friedrich Wilhelm Adam Serturmer, who named it 'morphium' which means **'the Greek god of dreams'**.

Morphine acts as a **pain killer** so when you are in a great deal of pain, like if you were shot with a bullet or got your leg blown off, you would inject a dose of morphine into your thigh and it quickly and dramatically get rid of your pain. Pain Killers were very dangerous to use if you had a bleeding problem as it affects the way it ran through your system. After the fight if you still had enough blood in you, you would be treated for your wounds. Since its creation, Morphine has been used worldwide for relief and is now carried by military soldiers to relieve instant suffering. This chemical material has done good and bad to the world since its creation. Some people can get addicted to morphine because of the **heroin** contained in it. This is the bad part of morphine.