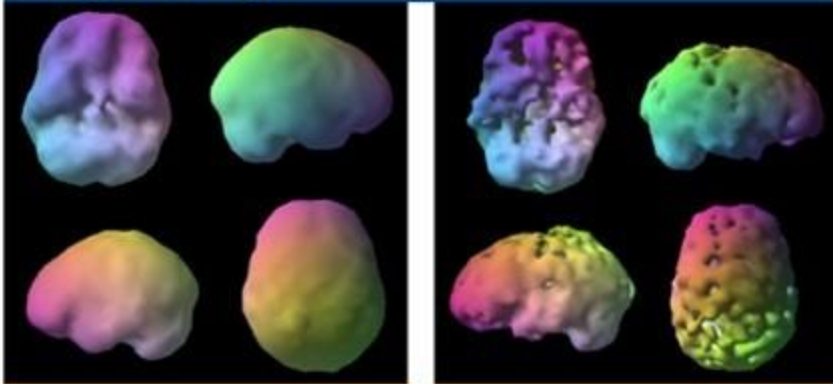


**SPECT Brain Images:** [www.amenclinics.com](http://www.amenclinics.com)

**Healthy VS Unhealthy**



**A HEALTHY BRAIN**

On SPECT, the surface of a healthy brain looks smooth with full and symmetrical blood flow and activity. This tells us that the brain is working the way it is supposed to.

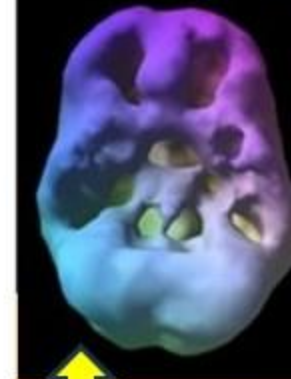
**AN UNHEALTHY BRAIN**

This SPECT image of an unhealthy brain reveals many "holes" on the surface, which represent areas of low blood flow and poor activity because of damage from substance and alcohol abuse.

**A 57-year-old physician** had abused marijuana for 30 years. We performed this SPECT series because he had been unable to stop using without feeling very **angry, irritable, agitated and anxious**. [Note: these are the kinds of feelings that people smoke pot to try to avoid, but notice how they become the very things that come up with chronic use].

The study was performed after he came to the clinic intoxicated from 3 straight days of heavy usage. The scan shows marked overall decreased activity, especially in the prefrontal cortex (PFC) and temporal lobes – areas associated with attention, memory and motivation.

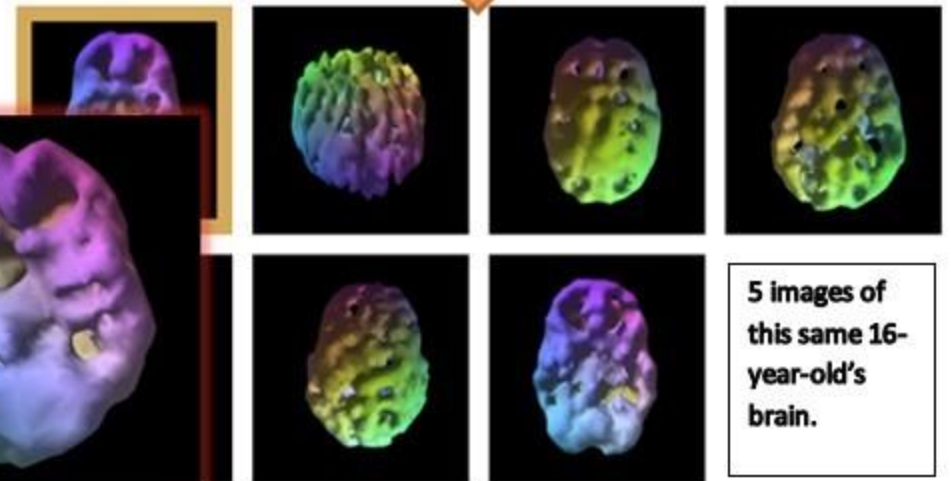
Underside view of the brain, as though looking up from the spinal column.



*"Taking one's brain health for granted is the prerogative of the young, but the greatest regret of the old."* By the time a person starts getting into their late 50s, their greatest fear shifts to the fear of someday losing their mind to Alzheimer's, Dementia, and other disease conditions affecting the brain. Imagine getting into your 60s and starting to forget some of the core memories that have defined who you have been for your entire life. Imagine starting to forget the names and identities of your closest friends and family members, not to mention other important people in your life as well. *The time to start caring about your one and only brain is NOW!*

**MARIJUANA'S EFFECT ON THE BRAIN**

16-year-old with 2 year history of daily abuse. Marked decreased prefrontal cortex and temporal lobe activity.



**5 images of this same 16-year-old's brain.**