

## Chicago Area Support



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### DISCLAIMER

The information contained in this brochure is not meant to be construed as medical advice and should not be relied on as such. It is not a referral by a physician. This information is being provided by PDI Medical for the education and support of qualifying patients or designated caregivers. All patients and designated caregivers have the right to select the dispensary of their own choice.

The professional staff at PDI Medical provides medical marijuana counseling and products to individuals living in Chicago and the surrounding suburbs

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Hours

Mon-Wed-Thurs 12 pm to 5 pm

Tuesday 12 pm to 7 pm

Friday 8 am to 4 pm

Saturday 10 am to 3 pm

Sunday closed



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CANNABIS HEALTH CARE

## Alzheimer's Disease

Oct. 6, 2006 -- THC, the key compound in marijuana, may also be the key to new drugs for Alzheimer's disease.

That's because the marijuana compound blocks the formation of brain-clogging Alzheimer's plaques better than current Alzheimer's drugs.

The finding -- in test-tube studies -- comes from the lab of Kim Janda, PhD, director of the Worm Institute of Research and Medicine at Scripps Research Institute.

"While we are certainly not advocating the use of illegal drugs, these findings offer convincing evidence that THC possesses remarkable inhibitory qualities, especially when compared to [Alzheimer's drugs] currently available to patients," Janda says in a news release.

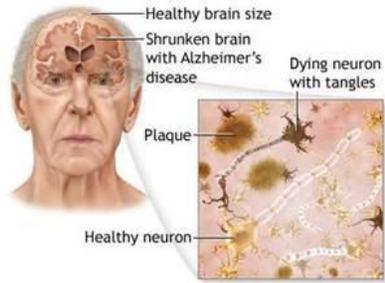
"Although our study is far from final, it does show that there is a previously unrecognized molecular mechanism through which THC may directly affect the progression of Alzheimer's disease."

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## About “the Condition”

Alzheimer’s Disease is a progressive mental deterioration that can occur in middle or old age, due to generalized degeneration of the brain. It is the most common cause of premature senility.

More than five million Americans have Alzheimer’s today. One in three seniors will die with Alzheimer’s or another dementia, and Alzheimer’s is the sixth leading cause of death in the nation, costing America about \$203 billion in 2013.



## More Evidence

Another more recent study is adding evidence to the case for the treatment and prevention of Alzheimer’s disease with the compounds in cannabis.

Research published in the Journal of Alzheimer’s Disease in September 2014 “strongly suggest that THC [the main active ingredient in marijuana] could be a potential therapeutic treatment option for Alzheimer’s disease through multiple functions and pathways.”

## Some Famous People with Alzheimer’s Disease

- Ronald Reagan
- Malcolm Young (AC/DC)
- Glen Campbell
- Rita Hayworth
- Perry Como
- Charles Bronson
- Norman Rockwell
- Sugar Ray Robinson
- Burgess Meredith
- Peter Falk
- James Stewart
- Rosa Parks
- E.B. White



## Desired Strain Effects and Administration Methods

No particular strain has been shown to be more effective for the relief of Alzheimer’s disease and its symptoms.

### Some Concerns

Helen Phillips, Science Journalist at the *New Scientist*, stated in her July 29, 2006 article titled, “Medical Cannabis Is a Blunt Tool”:

“Some compounds in cannabis, including THC and cannabidiol, interfere with a natural signaling system throughout our brains, nerves and immune system. Even with purified cannabis extracts, changing the amount, time or place of a dose could produce completely opposite effects on the body.”

## Short term-use of Cannabis

### Physical side effects:

Increased heart rate  
Increased appetite  
Changes in blood pressure  
Bloodshot eyes & dilated pupils  
Breathing problems (esp. when smoked)

### Mental side effects:

Euphoria  
Altered senses  
Changes in mood  
Difficulty with problem solving  
Impaired memory