

Neuroimaging Findings in Methamphetamine Abusers

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Abstract

Methamphetamine (MA) is a drug which has got a considerable prevalence of abuse in the world. Therefore, it is of great importance to understand the deficits and problems that it makes in brain, structurally and functionally, in order to increase knowledge of people about it and help finding better ways of treatments. Neuroimaging techniques as the most powerful tools to study the brain functions and structures, in the recent decades have been used to find

										brain network in gamma band
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HDVY% =bZfa Ujcb Uci hh Yg VVWgzh YdYZfa]b['Hg gfiZh YFY]gUbnizUbXhYa Ub' bX]b[g'cZhY99; 'gh X]YgZA 5: A 5'5Mi gfg/7. 7cbfc~/GFB. GUbXfX8Y]Ujcb'

B Yklcb' Yh U'' Wa dU]b[' fYg]b[!gUY 99; g' cZ%% A 5' U i gfg fUVg]bYbhZf' ('XUng: UbX%%\YUhm g V'Wg fYdcfHX Ub']bWUgX 99; ' dck Y' U i g'ck 'ZYei YbWUUbXg fKYHU UbX h YHL:]b' h Y A 5 U i gfg OQ @Uhfz]b' Ubch Y' ga U' g'la d'YghY gh Xn B Yklcb' Yh U'' fYdcfHXU WffYUjcb Vfk Yb'99; ' dck Y' U h VHUZYei YbWUUbXUbX Yd]g: X]Wa Ya cfm dYZfa UbW]b' h Y A 5' U i gfg OQQ I glb[Ud'fd]a UH Yb'fcdmf59L UbUngg'cZ99; g' Mb' Yh U'' ei Ub] YXh Y X]fYY cZ Wff]W' Wa d'Y]m]b' Zfa Y' A 5' XdYbXbh U i 'ha Uyg fUVg]bYbh Zf' a cfY hUb' * 'XUng: UbX fYdcfHX XWUgX Wff]W' Wa d'Y]m]a d'fYXlc' h Y\YUhm U i 'ha Uyg OQQ Y XWUgX Wff]W' Wa d'Y]m]a Un]bX]WY U [YbYU' fYX Wjcb' cZ Wff]W]bYUWjcbg UbX' Z bWjcbU' WbbYWj]m] 5\ a UXci ' Yh U'' i glb[Z bWjcbU' WbbYWj]m]UbX [fU i 'h YcfY]W' UbUngg'cZ fYg]b[!gUY 99; g' g'ck YX h U i h'cd'c[mcZ h Y Z bWjcbU' VUj b' WbbYWj]m]g X]gfi d'HX]b' a UY A 5' U i gfg fUVg]bYbh Zf' a cfY hUb' + 'XUng:]b []a a UVUbXzk \]W' a U Yg h Y VUj b' bYkcf_]bY V]bh]b' h Y fUb] Y cZ]a a UZYei YbWUUbXf S!*S< rLOQQ

=b' h Y U]h k c' XWUg' gfi W' fU' VUj b' Ub' cfa U]h Yg' cZ A 5 U i gfg \] Y VYb']b]g]] U X k]h X] Yf' bhj c' i a Yf] WUbX dU h'fb

						visual scenes of fear or threat
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HVY' .-bZfa Ujcb'Uci hhYg VVWzhYdYzfa]b| 'Hg gf]ZhYfY]gUbnzUbXhYa Ub' bX]b]gcZhYZA F=gi X]gA 5.'A 5'5M gfg'7.
7cbffc'GX'GhbXfX8y]Ujcb"

I bZfhi bUYNā dfYbUU`m A 5!Y dcg fY kci `X Ugc' W] gY VUj
XY W]g UbX W]b]hj Y ja dUfa Ybg" @ `Yi U" Zi bX a cfY X] i gY
UWj Ujcb']b' dfYbUU`m A 5!Y dcg fY W]XfYb' Xi f]b[` U j YfVU

&" ?ja 'MĒGcb| '<žGč'>ž@Y»ž@YžYiU" f8S%L YX| YfYbWg|b &(" 7'f_ 'JĒ6YUhm; ?ž5bXfg:b'F9ž?cX|h kU_i 'DĒD|"]dg>Dž YiU"
bYi fU'bykcf_ 'UWj |lmVYkYb'a Y\Ua d\YUa |bYUg'gf'UbX\YUhm f8S%(LFYX WXZA F='UWj |hmfYX|Wg'fYUdgY|b dU|Yb|gfYWj Y|b| Zca
g V'Wg' dYfZfa |b| 'Ub'Ya chcb!a UW|b| 'Hg. 'Z bW|cbU' AF= gi Xih g|a i 'UbX|dYbXybW'<i a 'GfU|b'A Udd").(%!(&"
BAF'6|ca YX&.%- &!% SS"