Neurobiological Links Between Gambling Disorder and Vitamin D Deficiency

Introduction

Various forms of gambling continue to grow across the world, as a result, increasing the number of disordered gambling cases. Those suffering from gambling addiction are likely to experience the inability to properly control their emotions and impulses, especially when it comes to gambling. Finding a way to intervene and assist those suffering from this could prove to be extremely beneficial.

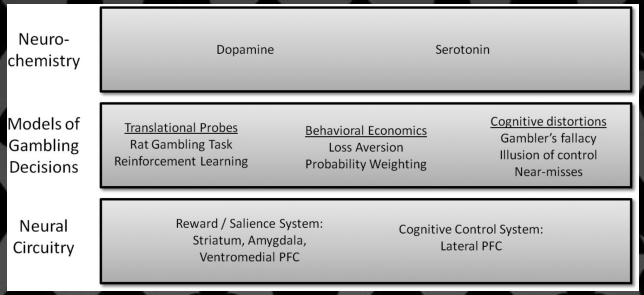

Fig. 1. Clark, Luke, et al. "Pathological choice: The neuroscience of gambling and gambling addiction." The Journal of Neuroscience, vol. 33, no. 45, 6 Nov. 2013, pp. 17617–17623, https://doi.org/10.1523/jneurosci.3231-13.2013.

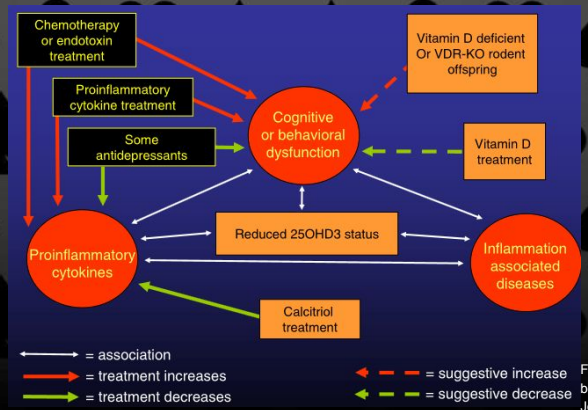

Fig. 2. McCann, Joyce C., and Bruce N. Ames. "Is there convincing biological or behavioral evidence linking vitamin D deficiency to brain dysfunction?" The FASEB Journal, vol. 22, no. 4, 4 Dec. 2007, pp. 982–1001, https://doi.org/10.1096/fj.07-9326rev.

Methods

Data will be gathered through the form of a Literature Review. Links specially between Vitamin D Deficiency and Gambling Disorder lack proper research, providing ample opportunity for this project.

Tiffany Unsworth and Tracy Morgan, M.S., Ed.