

Neurotransmitter Dopamine (DA) and its Role in the Development of Social Media Addiction

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Abstract

People lives worldwide. It can cause addiction with dopamine implicated. This is perpetuated through feedback loop mechanisms acting through dopamine reward system; keeping the users in the loop. Social media has helped many people around the world in different ways - connecting people globally and providing easy access to different types of information. However, overuse of the platforms and the application algorithm by individuals may be detrimental to their physical and mental well-being. There should therefore be increased awareness campaigns to address this contemporary issue and help to balance its impact on society; maximising its positive utility and minimising its potential adverse impacts.

Conclusions: TaMAP intraoperative monitoring is a safe, reliable, and sensitive MEP measure with ease-of-use that may serve as an alternative resource in neuromonitoring for spinal surgery. Sensitivity was observed to be as high as 100% for 3/6 muscle groups tested and with robust efficacy of decompression across a variety of procedures and pathologies, including degenerative spine disease and spinal tumor.

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