

Social media addiction can disrupt the sleep, moods and social activities of teens and young adults

March 9 2023, by Linda Pagani, Amélie Gilker Beauchamp, Beatrice Necsa, Benoit Gauthier, Kianoush Harandian and Laurie-Anne Kosak



Credit: AI-generated image ([disclaimer](#))

It took a half century for the first American Surgeon General Report to establish the link between [tobacco and lung cancer](#). In response, companies infiltrated media and genetically modified tobacco leaves to

make them [even more addictive](#).

Curiously, [tech companies](#) developed similar compelling algorithms to [create dependence among users](#)—these technologies [appear innocuous](#), but should be regulated. There are objectionable consequences regarding the influence of algorithms because [they manipulate users](#) by [creating false perceptions, dependencies and addiction](#).

Today's youth are among the first generations to not have experienced life before the internet. For many, their most important generational memory will be that of security concerns associated with terrorism or [the recent pandemic](#).

Advancements in communications and internet technologies have produced a virtually integrated world; [parents, guardians and educators struggle to make sense of how to manage youth online](#).

Designed to be addictive

Research in neuroscience has established [that adolescence lasts into one's 20s](#)—and beyond for youth with [neurodevelopmental disorders](#)—making universities a prime site for addressing and managing problematic [social media](#) use.

Social [media](#) are designed to be addictive—[driven and reinforced by dopamine](#). Teens and emerging adults are susceptible to acceptance and rejection through social media, making them particularly responsive to such media and emotionally addicted.

Daily use of social media is associated with a significantly [increased risk of self-harm and depression for adolescents](#). The [added sleep cycle disruptions](#) explain part of the [association with depressive symptoms](#).

Even moderate screen use is associated with [mental health difficulties that require medication](#). The [lockdowns](#) caused by the [COVID-19 pandemic](#) only [aggravated](#) the [situation](#).

Finding belonging

Youth peruse social media to [derive a sense of belonging or to avoid challenges](#) in their offline lives. Compared to live interactions, online socialization has been associated with [intolerance to negative emotions and poor concentration](#).

As a result, youth experience an inability to manage [frustration](#), fear, [sadness](#) and academic difficulties. These risks could lead to problems in education, work and relationships.

One study revealed that [young people](#) were [motivated to scroll as a coping mechanism or out of habit or boredom](#). The researchers found that staying off social media for one week led to less FOMO—the fear of missing out on [social events](#).

Another study found that staying off social media for one week led to [significant reductions in depression and anxiety in 154 young adults](#). In yet another study, university students were instructed to limit their use for each application to 10 minutes daily, while a control group used social media as usual. The group taking a break reported [an overall improvement in well-being](#), achieved mainly through sleep quality.

Short breaks from being online—even as little as two and a half hours at a time—has a positive effect on perceived life satisfaction. A study of 65 [university students](#) used daily journals to track social media use and experienced emotions. The [control group](#) used social media as usual, but the group who abstained [experienced improved behaviors and feelings during and after abstinence](#).

Overcoming addiction

Weaning someone off social media is similar to giving up a food, drug, gambling or alcohol addiction. Cognitive behavioral approaches—such as keeping a daily journal, reading on paper, listening to music or podcasts, planning [social activities](#), sharing meals with friends and family, [physical activity](#), active transportation, a daily gratitude practice and bundling mundane activities with enjoyable ones—[can help support the transition](#).

Such strategies create tolerance for solitude at times when a user may be tempted to go online. After giving up social media for a week, users experienced less distress, more active behavior, and a more positive outlook on how to live life more mindfully and efficiently.

There is consensus that social media is deliberately designed to introduce and sustain addiction. The overuse of social media is detrimental to well-being. Therefore, we suggest that universities launch a "challenge" campaign that sensitizes and discourages leisure [screen use](#) for a period of 72 hours each semester to foster student organizational, affective, and cognitive growth. This would set the stage for better life-long habits and success.

This article is republished from [The Conversation](#) under a Creative Commons license. Read the [original article](#).

Provided by The Conversation

Citation: Social media addiction can disrupt the sleep, moods and social activities of teens and young adults (2023, March 9) retrieved 20 April 2024 from <https://medicalxpress.com/news/2023-03-social-media-addiction-disrupt-moods.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.