GENERAL

The Effects of Instagram Reels on the Brain and Mood

Rahul Harsha*

* *Correspondence: Rahul Harsha*

Received: 01 January 2025 **Published:** 30 January 2025 **Volume 12, Issue 1** (Jan–Mar 2025)
Article no.: e90 **Open access** · free to read

In the age of social media, Instagram Reels has become a phenomenon, captivating millions of users worldwide. With its short, engaging videos designed to grab attention in mere seconds, Reels has transformed the way we consume content. But have you ever wondered how watching these quick snippets affects your brain and mood? Let?s dive into the science and psychology behind Instagram Reels and explore their impact on our mental well-being.

Instant Gratification and Dopamine Rush

Every time you scroll through Instagram and find a Reel that makes you laugh or feel entertained, your brain releases dopamine. Dopamine is a 'feel-good' chemical that plays a role in reward and pleasure. This instant gratification can be addictive, as your brain starts craving more and more of these dopamine hits. The short, engaging format of Reels is designed to keep you hooked, encouraging endless scrolling.

Fact: Studies have shown that activities releasing frequent bursts of dopamine, like social media use, can mimic the brain's response to addictive substances.

Impact on Attention Span

The rapid-fire nature of Instagram Reels, with videos lasting just 15 to 60 seconds, can train your brain to expect quick bursts of information. Over time, this may reduce your attention span, making it harder to focus on tasks requiring prolonged concentration, like reading or studying.

When you're used to constantly switching from one video to another, your brain becomes less inclined to engage deeply with content. This can affect productivity and the ability to focus in other areas of life.

Emotional Rollercoaster

Reels can evoke a wide range of emotions within minutes. One moment, you're laughing at a funny clip; the next, you might feel inspired by a motivational video. While this variety can be entertaining, it can also create an emotional rollercoaster. Frequent exposure to such rapidly changing emotions might leave you feeling drained or overwhelmed.

Fact: Research suggests that excessive consumption of emotionally charged content can lead to emotional fatigue.

Comparison and Self-Esteem

Many Reels showcase people living their 'perfect' lives, flaunting achievements, beauty, or luxury. While these videos can be inspiring, they may also trigger feelings of inadequacy or self-doubt. Constantly comparing yourself to curated highlights of others? lives can negatively impact your self-esteem.

It?s important to remember that social media often portrays a filtered reality, and not everything you see reflects the full picture of someone?s life.

Positive Impacts

Despite some negative effects, Instagram Reels also has positive aspects. They can be a great source of entertainment, education, and inspiration. Creative and motivational content can uplift your mood, while tutorials and informational videos can help you learn new skills or gain knowledge.

Fact: Studies indicate that engaging with positive and educational content on social media can boost mood and enhance learning.

Tips to Use Reels Mindfully

To enjoy the benefits of Instagram Reels while minimizing their potential downsides, consider these tips:

- Set time limits for social media usage.

- Be selective about the accounts you follow?prioritize those that inspire or educate you.

- Take breaks to engage in offline activities, like reading, exercising, or spending time with loved ones.

- Practice self-awareness?if you notice that watching Reels is negatively affecting your mood, take a step back.

Conclusion

Instagram Reels has revolutionized how we consume content, offering a mix of entertainment, education, and emotional engagement. However, like any tool, its impact depends on how we use it. By being mindful of our habits and setting boundaries, we can enjoy the benefits of social media without letting it take a toll on our mental well-being. Remember, balance is key?embrace the positives, but don?t let the negatives overshadow your real-life happiness.

Competing interests

The authors declare that they have no competing interests.

How to cite this article (Vancouver)
Harsha R. The Effects of Instagram Reels on the Brain and Mood. CHEARS Chronical. 2025;12(1):e90. Available from: https://chears.in/journal/volume-12/issue-1/the-effects-of-instagram-reels-on-the-brain-and-mood-90
Published in CHEARS Chronical.
https://chears.in/journal/volume-12/issue-1/the-effects-of-instagram-reels-on-the-brain-and-mood-90