



INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES

[ISSN: 0975-4725; CODEN(USA): IJPS00]

Journal Homepage: <https://www.ijpsjournal.com>



Review Article

Mental Health Crisis Due To Smartphone and Social Media Addiction

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ARTICLE INFO

Published: 05 Jun 2025

Keywords:

Connected, Negative
Impact, Anxiety,
Cyberbullying, Disengaged,
Balance

DOI:

10.5281/zenodo.15597593

ABSTRACT

Social media and smartphones have permeated every aspect of our lives, enabling us to communicate, connect, and stay informed. But being connected all the time is beginning to have a negative impact on a lot of teenagers and young people. The effects of excessive screen time on issues including anxiety, sadness, difficulty sleeping, and feelings of inadequacy or loneliness are examined in greater detail in this research. It also explores the effects of cyberbullying, the emotional toll of endless scrolling, and the pressure to always look flawless online. While these platforms can foster creativity and connection, they can also exhaust us and make us feel disengaged. We need to establish a better balance to safeguard our mental wellness. This entails having open discussions, getting help from families and schools, and tech businesses taking the initiative to design gently. Although it's difficult, striking that balance is important.

INTRODUCTION

Nowadays, teens and young people who grew up with cellphones and social media find it difficult to picture their lives without them. They are the means by which we communicate, share our lives, and stay informed about the world. Behind the screens, however, a more subdued tale is being told. We may start to feel inadequate after spending hours going through highlight reels of other people's life. Sleep frequently suffers as a result of the tension that comes from online turmoil and continuous notifications. Research by

Twenge et al. (2017) shows that young people's increased levels of anxiety, depression, and loneliness are related to this digital overload. We live in a technologically advanced world, so perhaps it's time to consider whether we use technology or it uses us [1]. Let's be honest: social media and phones are now a part of daily life. They keep us informed, provide us with something to chuckle about, and make us feel connected to others. However, that ongoing connection might gradually become something more for many teenagers and young adults. It's not only about spending a lot of time online; it's also about the

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Relevant conflicts of interest/financial disclosures: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.



incessant scrolling that consumes your time, the strange uneasiness that arises when you're not online, or the need to check your phone without giving it any thought. It quickly begins to interfere with your sleep, concentration, temperament, and even how you present yourself in social situations. The short bursts of dopamine that come from messages or likes can be addictive, luring us back in repeatedly even when we know deep down that we should disconnect [2].



Understanding Smartphone and Social Media Addiction

Social media and smartphones have fundamentally altered how we communicate with one another, discuss our priorities, and even unwind. We can learn something new, reconnect with loved ones, or lose ourselves in an entertaining world with a few touches. Even though these technologies are fantastic, there is growing worry that using them excessively may cause more harm than good. Experts are starting to realize that, for some people, using social media and phones can feel a lot like an addiction, much like gambling or alcohol misuse [3, 4]. What used to feel like basic scrolling or checking updates is increasingly being acknowledged as something that may substantially impair mental health, generate conflict in relationships, lower productivity, and take away from our general quality of life [5, 6].

What is smartphone addiction?

Smartphone addiction happens when your phone starts to take up more space in your life than it should. It's not just about spending a lot of time on it — it's about feeling like you have to be on it, even when you know it's starting to mess with your day-to-day life [7]. Perhaps some of these indicators have caught your attention: It's called nomophobia, and it makes you feel anxious or even a little panicked when you're not carrying your phone [8]. You promise yourself that you'll just look at one thing. And all of a sudden, an hour has passed. Despite your prior attempts to reduce it, your screen time keeps increasing. Due to your eyes being fixed on the computer, you lose out on genuine moments, accumulate tasks, or suffer from poor sleep [9]. The quickest way to cope with stress, boredom, or depression is to reach for your phone [10].

What is social media addiction?

Although you may not initially realize it, social media may begin to occupy more of your life than you would like. Even when you should be concentrating on something else, you can find yourself thinking about it constantly, wondering what you're missing or what other people are sharing. During times of stress or depression, scrolling may seem like a quick fix. Eventually, though, it takes longer to obtain the same effect online, and it isn't always as helpful as it once was. Can't check your phone, can you? You may feel agitated, restless, or just uneasy, as if something is lacking [3].

What it means?

It begins modestly—simply glancing through a few posts or checking your phone for a message. Hours pass, though, and you're still fixated on the screen. You become distracted, lose track of what you were doing, or become anxious when you can't

reach your phone. What was merely a means of relaxation or keeping in touch now feels more like an unbreakable habit. Excessive usage of smartphones has been linked in studies to disturbed sleep patterns, decreased attention span, and elevated anxiety [11].

Impact on Mental Health

Psychological Effects of Social Media Use

Because social media is meant to keep us interested, it's simple to lose track of time. Although technology keeps us linked, too much of it can have negative emotional effects. Research indicates that excessive use, particularly among teenagers, might result in anxiety and sadness [12]. One reason is because we frequently compare ourselves to other people's highlight reels, which include flawless pictures and thrilling situations. This might make us feel insecure and depressed [13].

Smartphone Addiction and Its Consequences

Many of us suffer from smartphone addiction without even recognizing it. We may become addicted to our devices as a result of what begins as a fast message check or social media scroll. Our ability to focus is affected by this continual connection, which can strain relationships and make it more difficult to concentrate [14]. Furthermore, using a phone late at night causes sleep disturbances that leave us exhausted and agitated. Screen blue light throws off our internal clocks, resulting in insomnia and poor sleep [15].

Cyberbullying and Fear of Missing Out (FOMO)

Although social media is meant to keep us in touch, it often becomes the site of some of the most difficult emotional struggles for many teenagers. Cyberbullying is a significant issue. The hurt is

real, whether it comes from nasty remarks, exclusion from group conversations, or unfounded rumors. It's not just "online drama"; it can also result in feelings of worry, despair, and even suicidal thoughts [16]. Then there is FOMO, or the fear of missing out. Seeing posts about things you weren't invited to or flawless images of other people's life can be difficult. It may give you the impression that you're falling behind or that you're not good enough. Comparing oneself to others can be very stressful. Social media put a lot of pressure on users, making them feel like they're constantly striving to catch up [17].

Cognitive Implications

We frequently consider our phones to be only entertainment devices, but excessive screen time might actually alter the way our brains function. It can be challenging to concentrate and recall things when you're constantly switching between apps and checking your notifications. Like when we consume something we love, our brains get a short dopamine spike whenever we receive a like or a notification. However, this continuous digital stimulation can eventually lead to a vicious cycle of addiction, teaching our brains to rely on it, which alters our thoughts and emotions [18].

Adolescent Vulnerability Due to Social Media and Smartphone Addiction

Teenagers already face many challenges because of the constant change, pressure, and emotion. It can get overwhelming when social media and cellphones are added. Teens' ability to concentration, sleep, and self-esteem can all be negatively impacted by the continual pressure to reply, stay connected, and keep up. As adolescents are still developing and learning, they are particularly vulnerable to the allure of the digital world [19].



Sleep Disruption:

For a lot of teenagers, going to bed marks the beginning of late-night scrolling rather than the conclusion of the day. Without their knowledge, that little social media check or final video frequently drags on for an hour or longer. Even when they're exhausted, the glow from their screens fools their brain into believing it's still time to be awake. Additionally, sleep is typically insufficient when it does arrive. This fatigue accumulates over time, making it more difficult to concentrate in class, manage stress, or simply feel fine. Teenagers need sleep to refuel emotionally and cognitively, so it's not just about rest. When it's absent, everything feels more significant [20].

Cyberbullying and Peer Pressure

Today's teens must balance their online and real-life lives, which is difficult. Being liked, keeping connected, and fitting in can all seem like things on social media. However, it also causes pain and pressure. Being excluded, taunted, or humiliated online doesn't go away when the phone is off, and cyberbullying stings deep. It remains with them, influencing their self-perception. That kind of ongoing pressure can be very taxing for teenagers who are still developing their identities. 59% of American teenagers have been the victim of cyberbullying in some capacity, according to the Pew Research Center underscoring the widespread and emotionally damaging nature of these online encounters [21].

Reduced Face-to-Face Interaction

Teens today rely on texting and social media to stay connected, but when that's all they do, something important is lost. In-person conversations help teens develop confidence and meaningful connections by teaching them to read body language, tone, and those awkward silences that make a conversation feel real. Without enough

of that, teens may find it difficult to interact with others or feel that their friendships are shallow and unimportant. The American Psychological Association (2020) states that a lack of in-person social interaction can lead to feelings of loneliness and anxiety, which makes it more difficult for teens to develop genuine relationships [22].

Addictive Behavior Patterns

At first glance, social media seems innocuous—just a few likes and a fast scan. However, it is designed to keep you going back. Your brain gets a little thrill with each notification, which makes you want more. Hours pass before you know it, and it begins to influence your mood, your time, and your ability to concentrate. Studies reveal that these platforms, like other addictive habits, cause the brain to release dopamine [23].

Neurological Impact

Our usage of social media and phones is not always taken seriously. "I'm just unwinding" or "It's no big deal, I'm just a little tired" are simple statements to make. However, something more significant is happening beneath those minor habits. In addition to being diversions, all those scrolls, pings, likes, and notifications are gradually altering the way our brains function. They have the potential to impact our ability to concentrate, recall information, manage emotions, and even make daily decisions over time. What's the most insane part? We often don't even realize it's taking place [24].

Brain Structure changes

Excessive phone use can alter your brain in ways other than just your behaviors. The things that keep you composed, in control, and emotionally balanced are the ones that are most impacted. Therefore, excessive screen time might make it more difficult to manage stress or to stop scrolling



mindlessly, even when you know you should take a break. In fact, research employing brain imaging has revealed alterations in the prefrontal cortex, which is the area of the brain in charge of emotional regulation and self-control, in people who use digital gadgets excessively [25].

Behavioral Impact

For the majority of us, our phones are tools that we use when necessary and put away when finished. Over time, however, things subtly changed. Unconsciously, we began grabbing for them out of habit rather than necessity. Furthermore, they were influencing our days before we realized they were in our hands [24]. Time lost isn't the only issue. Smartphones and social media have a way of infiltrating our daily lives and influencing our ideas, emotions, and even how we view ourselves. They gradually alter our social interactions, quiet time activities, and feelings of loneliness [26, 27].

Addiction and Reward System Dysregulation

A little reward, a burst of dopamine that makes us feel good, is given to us by our brain each time we receive a message or a like. We keep returning because it feels nice. Before we realize it, we are checking our phones out of habit rather than choice. Like any other addiction we never intended to develop, that behavior can subtly interfere with our mood, focus, and sleep over time [28].



Increased Anxiety and Depression

Have you ever been on social media and thought that everyone else had the most ideal life? You might catch a glimpse of someone's ideal getaway, their dazzling partnership, or that significant professional achievement. Comparing your life to others' and wondering if you're falling short is a very simple trap to slip into. This constant comparison can be extremely overwhelming, especially for teenagers. Their confidence may be gradually undermined, resulting in uneasiness, self-doubt, and even melancholy. While everyone else appears to be advancing with ease, they may feel as though they are the only ones going through difficulties [13].

Social Isolation and Loneliness

Loneliness and Social Isolation: Have you ever sat with friends or family and been hooked to your phone instead of being present? The act of allowing screens to divert our attention from the people in front of us is known as "phubbing." It may not seem like much at first, but it can cause distance and a sense of disconnection with time. If we are not physically present with the people who are most important to us, we may still feel lonely even if we have a ton of online connections. At times, they require our focus more than our alerts do [29].

Solutions

Digital Detox and Time Management

Time management and digital detox: It's really simple to lose yourself in endless app switching or social media scrolling, isn't it? Establishing a screen time limit is one method to regain control, particularly for activities that don't actually improve your mood or help you accomplish your goals. You may be shocked at how much more time you have for the things that really count, such

as hanging out with friends, taking a stroll, or simply relaxing without a screen in front of you. It all comes down to making room for the things that truly give you energy and help you feel in the moment [30].

How It Works?

- 1) **Take Note of Your Habits:** Establishing screen limitations serves as a useful wake-up call by making you aware of how frequently you use your phone [31].
- 2) **Put an End to the Ignorant:** The purpose of Scroll Apps is to keep you interested. Setting boundaries aids in breaking out of a rut [27].
- 3) **Give Your Mind a Break:** You get overstimulated by all that swiping. Taking a break allows you to re-enjoy life [32].
- 4) **Experience a Greater Self-Identity:** Spending too much time on screens might exhaust you. Reducing can improve your focus, happiness, and quality of sleep [33].
- 5) **Give Important Things Time:** Spending less time scrolling means more time with friends, having fun, or simply relaxing without a device [34].
- 6) **Complete More Tasks:** More focus and increased productivity result from fewer interruptions. In fact, you will complete what you begin [35].

Sleep Hygiene and Blue Light Reduction

Blue Light Mitigation and Sleep Hygiene: Are you getting ready to go to bed? Setting your laptop or phone aside at least an hour before bed is a quick and easy method to help your mind unwind. Turning on "night mode" or using a blue light filter can be helpful if you truly need to check something. It may seem like a minor adjustment, but it can have a significant impact on how fast and deeply you fall asleep. Giving your brain a respite from devices before bed is a revolutionary way to improve your quality of sleep [36].

How It Works?

- 1) **Slice off the Night Scroll:** Hours pass during those "just five minutes." You may really relax when you go to bed without using a screen [37].
- 2) **Allow Your Mind to Relax:** Your brain is tricked into remaining alert by blue light. You can sleep better if you turn off your screens early or dim them [38].
- 3) **Self-control:** Sleep increased sleep improves concentration and reduces the need to check your phone often [39].
- 4) **Get Your Mornings Started:** Resting increases the likelihood that you will reach for a positive habit rather than merely your phone [40].
- 5) **Create a Calm Evening:** The message that there should be no screens before bed is that it's time to unwind, not browse [41].

Mindfulness and Mental Health Support

Have you ever had a day where everything seems a bit too loud or burdensome? At times, the most compassionate thing you can do for yourself is to just stop—close your eyes, inhale deeply, and allow yourself to just be and breathe. It need not be a major one. You can feel much more grounded if you sit down for a few minutes, write down your ideas, or spend some quiet time. And it's perfectly acceptable to ask for help if you're feeling depressed, stressed, or like your phone is taking over your life. Talking with a friend, a therapist, or a mental health specialist can help you feel much more in control of your situation. Because it reduces mental chatter, mindfulness is effective. It makes you feel less anxious, more in the now, and less enmeshed in the never-ending scroll. Consider it a mental reset button [42].

How It Works?



- 1) Take a Moment before Scrolling: Unconsciously, we occasionally reach for our phones. Being mindful enables you to identify that impulse and choose to resist it [40].
 - 2) Relax Your Disorganized Thoughts: In times of stress or boredom, we frequently scroll. Your phone isn't your only means of getaway; you can also take a minute to relax or speak with someone to help you deal with those emotions [43].
 - 3) Remain in the Moment: Practicing mindfulness helps you become more aware of your surroundings rather than being engrossed in your technology [44].
 - 4) Address Emotions Head-On: There's no need to hide behind social media when you open up to friends or a counselor about difficult emotions [44].
 - 5) Develop Better Routines: Including mindfulness into your daily routine keeps your phone use in check and promotes self-care without wearing you out [45].
- 1) You give up pursuing likes. It feels far better to have a real conversation than to wait for a post to be liked [3].
 - 2) You feel wonderful, but in a better way. The short hit from scrolling any day is outweighed by laughing with a friend [47].
 - 3) People genuinely connect with you. Face-to-face conversations help you develop genuine empathy and read emotions [48].
 - 4) You're more present-oriented. Putting your phone away allows you to really appreciate the moment [49].
 - 5) You're able to concentrate once more. Your brain slows down and improves concentration when you spend time offline [50].

Digital Literacy Education

Education with Digital Literacy: It's not simple to grow up in this day and age of incessant displays, apps, and social media, let's face it. It can occasionally feel too much for children and teenagers. Therefore, it is crucial to assist children in making intelligent and balanced decisions when navigating the digital world. It's more than simply being able to click and swipe; it's also about having an honest conversation about topics like protecting personal information, seeing how social media can affect our emotions, and keeping in mind that not everything we see online is accurate. They can become more self-assured, stay safer, and make wiser decisions online with the support of these open, sincere discussions, making them feel not only connected but also empowered [51].

How It Works?

- 1) They observe how apps captivate them. In order to recognize the traps and regain control, children learn that applications are designed to be addicting [52, 23].
- 2) They don't trust everything they read online. They begin to challenge what they observe,

Social Skills and Offline Interaction Promotion

When you can just sit down and have a meaningful conversation with someone without any devices or pings, isn't that nice? It can be refreshing to schedule time for these in-person interactions, such as eating together without a phone, going for a stroll with a friend, or engaging in enjoyable activities that don't require a screen. Everyone benefits from even small routines, such as putting phones away from the table during supper. Even though they may not seem like much, these small gestures can remind us of the joys of being genuinely present with those around us and make us feel more connected [46].

How It Works?



which relieves them of the need to fit in or compare [53].

- 3) They achieve equilibrium. They can prevent becoming engrossed in their devices all day by learning to disconnect and take breaks [54].
- 4) They are better at managing emotions. They can maintain their composure and avoid using their phones as a coping mechanism by being aware of issues like FOMO or online turmoil [55].
- 5) They remain polite and safe. They make technology a tool, not a trap, by learning how to be safe and kind to others online [56].

CONCLUSION

We forget we are human beings in a world full of displays, beeps, and endless scrolls. We're people. Designed for genuine laughter, in-depth conversations, and eye contact. Social media can both connect and consume us, causing worry, disrupting sleep, and causing us to lose sight of the here and now. Pause when notifications overpower our inner voice and like take the place of affection: Re-establish communication, Inhale, set limits., Be transparent, move outside, have a look at someone, Enjoy the sun, Recall: Your number of followers does not define you. Since you are a live, breathing being, algorithms are not meant for you. The bravery to put presence before pressure will rescue our mental health in the future, not the newest app. Real rather than Virtual. Humanity triumphs over hustling. Raise your head. Stay still. Preserve what makes you unique. That is where genuine connection and healing start.

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HOW TO CITE: Janavi Darekar, Shrikrishna Baokar, Rajendra Patil, Mental Health Crisis Due To Smartphone and Social Media Addiction, Int. J. of Pharm. Sci., 2025, Vol 3, Issue 6, 790-800. <https://doi.org/10.5281/zenodo.15597593>

