

# Impact of Social Media on Depression in Early-Year Students

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**Abstract:** *The pervasive use of social media among early-year students has raised significant concerns regarding its impact on mental health, particularly the prevalence of depression. This study explores the multifaceted relationship between social media usage and depressive symptoms in young students. Key mechanisms such as social comparison, cyberbullying, sleep disruption, and the fear of missing out (FOMO) are identified as primary contributors to increased levels of depression. The research highlights the extent of the issue through empirical evidence, demonstrating a strong correlation between excessive social media use and heightened psychological distress. To mitigate these adverse effects, the study suggests comprehensive strategies including education and awareness programs, promoting digital literacy, setting boundaries for social media use, providing robust support systems, and encouraging parental involvement. This integrative approach aims to foster a healthier online environment and support the mental well-being of young students navigating the digital landscape.*

**Keywords:** cyberbullying.

## I. INTRODUCTION

In the digital age, social media has become a pervasive and influential force in the lives of individuals, particularly young students. Platforms such as Facebook, Instagram, Snapchat, and TikTok offer unprecedented opportunities for communication, self-expression, and community building. However, alongside these benefits, there is a growing concern about the adverse effects of social media on mental health, especially among early-year students. These young individuals are at a critical stage of emotional and psychological development, making them particularly vulnerable to the negative impacts of social media use. The phenomenon of social media-induced depression has garnered significant attention from researchers, educators, and mental health professionals, prompting an in-depth examination of how these platforms contribute to the onset and exacerbation of depressive symptoms in this demographic.

The allure of social media lies in its ability to connect people and provide a platform for sharing life's moments. For early-year students, social media can serve as a vital tool for social interaction, helping them stay connected with peers, build friendships, and explore their identities. However, the same platforms that offer these benefits also expose students to a range of stressors. The curated nature of social media content often leads to unrealistic portrayals of life, fostering a culture of comparison and competition. Young students, whose self-esteem and sense of identity are still forming, may find themselves constantly measuring their worth against the idealized images they see online. This relentless comparison can result in feelings of inadequacy, low self-worth, and ultimately, depression.

Moreover, social media's round-the-clock nature can intrude on essential aspects of daily life, such as sleep and academic responsibilities. Many students engage with social media late into the night, leading to disrupted sleep patterns and decreased overall sleep quality. Sleep deprivation is a well-known risk factor for depression, compounding the emotional and psychological toll of social media use. Additionally, the fear of missing out (FOMO) — a pervasive anxiety that others are having rewarding experiences without them — can drive students to stay constantly connected, exacerbating feelings of loneliness and exclusion when they perceive themselves as left out of social circles or activities.

Cyberbullying is another critical issue linked to social media use, with young students being particularly susceptible to online harassment. The anonymity and distance provided by digital platforms can embolden bullies, making it easier for

them to target victims without immediate repercussions. Victims of cyberbullying often experience severe emotional distress, anxiety, and depression, as the harassment can be relentless and pervasive, following them into the safety of their homes.

The impact of social media on depression in early-year students is not solely a result of negative interactions or content. The sheer amount of time spent on these platforms can detract from face-to-face interactions and physical activities, both of which are crucial for healthy emotional development. Excessive screen time can lead to social isolation, reducing opportunities for real-world connections and support that are essential for building resilience against depression.

In light of these multifaceted issues, it is imperative to explore the complex relationship between social media use and depression among early-year students. This exploration must consider the various mechanisms through which social media influences mental health, including comparison culture, cyberbullying, sleep disruption, FOMO, and social isolation. By understanding these factors, stakeholders such as parents, educators, mental health professionals, and policymakers can develop effective strategies to mitigate the negative impacts of social media and promote a healthier digital environment for young students. Addressing this contemporary challenge requires a comprehensive approach that balances the benefits of social media with the need to protect and support the mental health of our youth.

### **The Rise of Social Media and Its Pervasiveness**

Social media platforms such as Facebook, Instagram, Snapchat, and TikTok have become integral to the daily lives of many young students. These platforms provide a space for students to connect with peers, share experiences, and express themselves. However, the constant connectivity and exposure to curated content can have detrimental effects on mental health. Studies have shown that excessive use of social media is correlated with increased levels of anxiety, depression, and other mental health issues among adolescents.

### **Mechanisms of Impact**

#### **1. Comparison and Self-Esteem:**

Social media often showcases idealized versions of reality, leading to unrealistic comparisons. Early-year students, who are in a critical phase of developing their self-identity, may feel inadequate when they compare themselves to the seemingly perfect lives of their peers. This comparison can lead to feelings of low self-esteem and, consequently, depression.

#### **2. Cyberbullying:**

The anonymity and reach of social media make it a fertile ground for cyberbullying. Victims of cyberbullying often experience significant emotional distress, fear, and helplessness, which can escalate into depression. Unlike traditional bullying, cyberbullying can be relentless, occurring at any time and any place, making it harder for students to escape the harassment.

#### **3. Sleep Disruption:**

Excessive use of social media, especially before bedtime, can disrupt sleep patterns. Poor sleep quality is a well-documented risk factor for depression. The blue light emitted by screens can interfere with the production of melatonin, the hormone responsible for regulating sleep, leading to insomnia and other sleep disorders.

#### **4. Fear of Missing Out (FOMO):**

Social media platforms perpetuate a fear of missing out (FOMO) among students. Constant notifications and updates about friends' activities can create a sense of exclusion and loneliness. This fear of being left out can exacerbate feelings of depression and anxiety.

### **Extent of Impact**

Research indicates a significant correlation between social media use and depressive symptoms among young students. A study conducted by the Pew Research Center found that teens who spend more than three hours a day on social media are at a higher risk of experiencing mental health problems, including depression. Another study published in the Journal of Adolescence highlighted that frequent social media use is associated with increased levels of psychological distress, particularly among younger adolescents.

### **Mitigation Strategies**

To address the negative impact of social media on early-year students, several strategies can be implemented:

#### **1. Education and Awareness:**

Educating students, parents, and educators about the potential risks of excessive social media use is crucial. Awareness programs can help students understand the importance of balancing online and offline activities and encourage them to engage in more face-to-face interactions.

#### **2. Promoting Digital Literacy:**

Teaching students digital literacy skills can empower them to navigate social media responsibly. This includes understanding the difference between online personas and reality, recognizing cyberbullying, and knowing how to report inappropriate content.

#### **3. Setting Boundaries:**

Encouraging students to set boundaries for social media use can help mitigate its negative effects. This can include setting specific times for social media use, avoiding screens before bedtime, and taking regular breaks from online activities.

#### **4. Providing Support:**

Schools and communities should provide robust support systems for students experiencing mental health issues. This can include access to counselors, mental health resources, and peer support groups.

#### **5. Parental Involvement:**

Parental involvement is critical in monitoring and guiding social media use. Parents should be encouraged to have open conversations with their children about their online experiences and to be vigilant about any signs of distress or depression.

## **II. CONCLUSION**

The impact of social media on depression among early-year students is a complex and multifaceted issue. While social media offers valuable opportunities for connection and self-expression, it also poses significant risks to mental health. By understanding the mechanisms through which social media affects young minds and implementing effective strategies for mitigation, we can help create a healthier online environment for students. Collaborative efforts from educators, parents, policymakers, and the students themselves are essential to address this growing concern and to support the well-being of young individuals in the digital age.

## **REFERENCES**

- [1]. WHO, The world health reports, Life in the 21st Century: A Vision for allk, (1998), Geneva Switzerland, WHO Publication.
- [2]. Kelly, Y.; Zilanawala, A.; Booker, C.; Sacker, A. Social Media Use and Adolescent Mental Health: Findings from the UK Millennium Cohort Study. *eClinicalMedicine* 2019, 6, 59–68.
- [3]. Maheux, A.J.; Roberts, S.R.; Nesi, J.; Widman, L.; Choukas-Bradley, S. Longitudinal associations between appearance-related social media consciousness and adolescents' depressive symptoms. *J. Adolesc.* 2022, 94, 264–269.
- [4]. Gewirtz O'Brien, J.; McPherson, L.; Miller, K.; Svetaz, M.V. Adolescent Health: Media Use. *FP Essent.* 2021, 507, 33–38. Available online: <https://pubmed.ncbi.nlm.nih.gov/34410095/> (accessed on 10 October 2022).
- [5]. Kreski, N.; Platt, J.; Rutherford, C.; Olfson, M.; Odgers, C.; Schulenberg, J.; Keyes, K.M. Social Media Use and Depressive Symptoms Among United States Adolescents. *J. Adolesc. Health* 2020, 68, 572–579.
- [6]. Culpepper, M. Exploring the Relationships of Social Media Usage and Symptoms Exploring the Relationships of Social Media Usage and Symptoms of Anxiety and Depression in Adolescents. 2020. Available online: <https://digitalcommons.acu.edu/cgi/viewcontent.cgi?article=1230&context=etd> (accessed on 13 October 2022).

- [7]. Ray, T.D. #InRealLife: A Phenomenological Study into How Adolescents Diagnosed with Depression Perceive the Impact of Social Media on Their Self-Esteem and Emotional Well-Being—ProQuest. www.proquest.com. 2021. Available online: <https://www.proquest.com/docview/2572584425/abstract/3BB68FAA35CC4969PQ/1> (accessed on 10 October 2022).
- [8]. Nesi, J.; Prinstein, M.J. Using Social Media for Social Comparison and Feedback-Seeking: Gender and Popularity Moderate Associations with Depressive Symptoms. *J. Abnorm. Child Psychol.* 2015, 43, 1427–1438.
- [9]. Shafi, R.M.A.; Nakonezny, P.A.; Miller, K.A.; Desai, J.; Almorsy, A.G.; Ligezka, A.N.; Morath, B.A.; Romanowicz, M.; Croarkin, P.E. An Exploratory Study of Clinical and Physiological Correlates of Problematic Social Media Use in Adolescents. *Psychiatry Res.* 2021, 302, 114020.
- [10]. Liu, S.R.; Davis, E.P.; Palma, A.M.; Sandman, C.A.; Glynn, L.M. The acute and persisting impact of COVID-19 on trajectories of adolescent depression: Sex differences and social connectedness. *J. Affect. Disord.* 2022, 299, 246–255.
- [11]. Kwon, M.; Seo, Y.S.; Dickerson, S.S.; Park, E.; Livingston, J.A. 0802 Cyber Victimization and Depressive Symptoms: A Mediation Model Involving Sleep Quality. *Sleep* 2019, 42 (Suppl. S1), A322.
- [12]. Oberst, U.; Wegmann, E.; Stodt, B.; Brand, M.; Chamarro, A. Negative Consequences from Heavy Social Networking in Adolescents: The Mediating Role of Fear of Missing Out. *J. Adolesc.* 2017, 55, 51–60.
- [13]. A.M. Martinez and P. Fabiano, Stanford students health needs assessment 1990, Student Health Center, (1992), Stanford University Report of Stanford CA: Cowell. P. Nataraj, A study of sex differences, neuroticism among college students, *Journal of Psychological Research*, 6(1968), 61-67.
- [14]. A.T. Beck and J.E. Young, College blues, *Psychology Today*, 12(4) (1978), 80-82. G.B. Blain and McArthur, Problems Connected with Studying Cf: Emotional Problems of the Student, (1961), New York, Appleton-Century Crafts.
- [15]. C.D. nsulting Psychologist Press. C.R. Chandrashekar, C. Shamsunder, R.L. Kapur and V. Kaliaperumal, Mental morbidity among graduate and research student: Anepedimeological study, *Indian Journal of Psychiatry*, 22(1980), 89-93.
- [16]. D.L. Farnsworth, Mental health and social change, *Ann. Int. Med.*, 73(1970), 467- 472.
- [17]. D.R. Coburn and A.V. Jovaisas, Perceived sources of stress among first year medical students, *J Med Edu.*, 50(1975), 589-595.
- [18]. E.J. Bourne, *The Anxiety and Phobia Workbook* (3rd ed.), (2004), Oakland, USA: New Ham Binger Publication.
- [19]. J. Firth, Levels and sources of stress in medical students, *British Medical Journal*, 292(1986), 1177-1180.
- [20]. K.P. Krishnan and K. Sathyendra, Personality motivational and adjustment difficulties of emotionally disturbed and emotionally adjusted adolescence, *Indian Journal of Clinical Psychology*, 6(1979), 135-138.
- [21]. L.M. Delene and A.A. Brogowicz, Student health needs attitudes & behavior marketing implication for college health centers, 38(4) (1990), 157-164.
- [22]. M.A. Zeena, K. Rao, S. Rao, D.K. Subbakrishna and G.G. Prabhu, Stress coping in psychologically distressed and non distressed college students, *Indian Journal of Psychological Medicine*, 13(1990), 63-70.
- [23]. N. Kumaraswamy and P.O. Ebigbo, A comparative study of somatic complaints of Indian and Nigerian second year medical students, *Indian Journal of Clinical Psychology*, 11(1984), 79-86.
- [24]. N. Kumaraswamy, An investigation in to psychological problem of college students suggesting possible remedies and preventive measures, PhD Thesis, (1992), Mysore University, Mysore, India.
- [25]. N. Kumaraswamy and P.O. Ebigbo, Stress among second year medical students - A comparative study, *Indian J Clin Psychol.*, 16(1989), 21-23.
- [26]. N.N. Wig, R.N. Nagpal and H. Khanna, Psychiatric problems in university students, *Indian Journal of Psychiatry*, 11(1969), 55-62.
- [27]. O. Bjorksten, S. Sutherland, C. Miller and T. Stewart, Identification of medical student problems and comparison with those of other students, *J Med Educ.*, 58(10) (1983), 759-67.

- [28]. P. Chaudhary, Nature and trend of psychological problems of the university students and their relationship age, sex and subject of study, Journal of Rajasthan Psychiatry Society, 2(1979), 13-20.
- [29]. P.C. Kendall, A.J. Finch, S.M. Aurbarch, J.F. Hooke and P.J. Mikilka, The state trait anxiety inventory: System ice valuation, Journal of Consulting and Clinical Psychology, 44(3) (1976), 406-412.
- [30]. P.L. Broadhurst, Emotionality and the Yerkes-Dodson Law, Journal of Experimental Psychology, 54(5) (1957), 345-352.
- [31]. P.N. Rao, Psychiatric morbidity in adolescence, Unpublished MD Thesis, (1978), Bangalore, Bangalore University.
- [32]. R.M. Yerkes and J.D. Dodson, The relation of strength of stimulus to rapidity of habit-formation, Journal of Comparative Neurology and Psychology, 18(1908), 459- 482.
- [33]. S. Satappan and A. Kuppan, A comparative study of adjustment pattern of postgraduate arts and science students, Journal of Psychological Research, 24(1980), 59-61.
- [34]. S.K. Dixon and S.E.R. Kurpius, Depression and college stress among university undergraduates, Journal of College Student Development, 49(5) (2008), 412-424.
- [35]. V.R. TSpielberger, State Trait Anxiety: A Comprehensive Bibliography, (1983), Palo Alto, CA, Cohacore, S.C. Gupta and N. Surya, Psychiatric clinic at urban health centre, Indian Journal of Psychiatry, 13(1971), 253-259.