

Drug Safety and Media

Hari Priya S *, Akash S

IV Year , B.Pharm , Faculty of Pharmacy

Dr.MGR Educational and Research Institute, Vellapanchavadi, Chennai – 77

*Corresponding author – Hari Priya S

*Corresponding author mail id – shpriyavlr@gmail.com

Abstract

Pharmacovigilance in an science and practice involved in the identification, evaluation, comprehension, and avoidance of adverse effects or any other drug related issue. the primary aim is to develop the safety and effectiveness of the medical products so the pharmacovigilance helps the patients to safe and effective treatment .The technology is used to target,embarrass, or threaten another person is known as cyberbullying. Threats may be any of through online and cruel,hostile or offensive texts, tweets, post, or messages, the person is affected mentally and psychological factors includes low self-esteem and suicidal thoughts . the different social media platforms like instagram, facebook, twitter, whatsapp, telegram and snapchat are cyberbullied. Illegal drug dealers are also using various social media platform to marketing the illegal drugs. Nowadays social media spreads the information faster it may be any good or bad informations. The patient consults the information about the drug in social media instead of direct consult with the physicians. Smugglers use social media platform to promote crimes. Online entertainment can be used to identify signals relating to new black box alerts, marking changes, or withdrawals in addition to conventional pharmacovigilance procedures. There are still some issues, but online entertainment will be helpful for signalling the location of many of the pharmaceuticals that are frequently mentioned in particular medical services social gatherings and organisations. Additional research is anticipated to advance NLP and mine RWD through virtual entertainment.

Keywords: Drug safety, social media, pharmacovigilance, cyberbullying

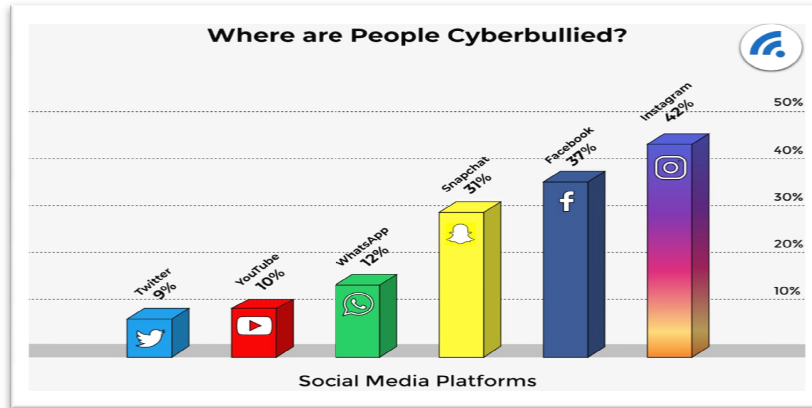
INTRODUCTION

The World Health Organization (WHO) defines pharmaceutical vigilance (PV) is known as the science and practises involved in the identification, evaluation, comprehension, and avoidance of adverse effects or any other drug-related issue. Thus, the primary objective of pharmacovigilance is to encourage the safe and effective use of medical products, particularly by promptly informing patients, healthcare professionals, and the general public about the safety of medical products. Therefore, pharmacovigilance is an activity that helps to safeguard patients and preserve public health. Despite the fact that skin conditions can cause significant morbidity, doctors, regulatory bodies, and society in general are less risk tolerant when treating skin conditions. The eight fundamental guidelines for interpreting data on drug safety are covered in this chapter.

The use of technology to target, embarrass, harass, or threaten another person is known as cyberbullying. Threats made online and cruel, hostile, or offensive texts, tweets, posts, or messages all count. The mental health of the victims of cyberbullying may be impacted, which may result in low self-esteem, suicidal thoughts, rage, frustration, and other emotional and psychological issues. Within the past ten years, cyberbullying has become a relatively new type of bullying. This renewed interest in cyberbullying is partially a result of recent news reports emphasising the link between the practise and teen suicides (US News, 201315), with one of the most recent cases involving Rebecca Sedwick, a 12-

year-old from Polk County, Florida, USA, who committed suicide by jumping to her death after being subjected to persistent cyberbullying.

Around 85 per cent of Indian children have reported being cyber-bullied as well as having cyber-bullied someone else at rates well over twice the international average.



DIFFERENT SOCIAL MEDIA PLATFORMS

- Instagram
- Facebook
- Tinder

For example, drug dealers on Instagram may use hashtags like with images of scantily-clad women smoking marijuana to attract buyers. These potential buyers may then direct message the dealer on Instagram to get in contact with them.



This report defines cyber bullying.

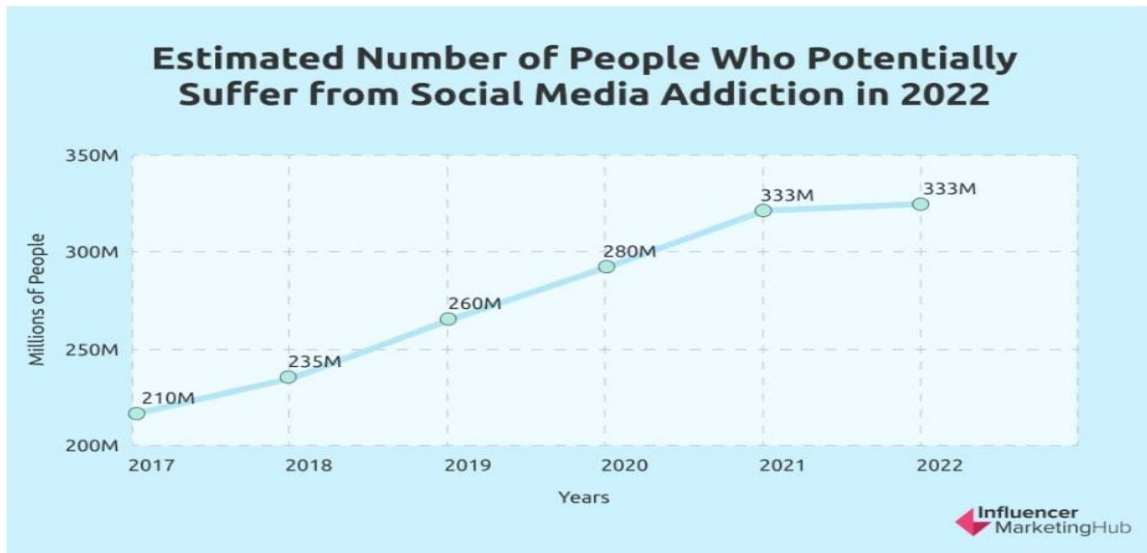
This report assesses teen cyber bullying using six distinct behaviours:

- Name-calling that is offensive
- False rumours about them are being spread.
- Receiving explicit images that they did not request
- Physical dangers
- Having explicit images of them circulated without their permission

In this report, teens who indicate they have personally experienced any of these behaviours online or while using their cellphone are considered cyberbullying targets. Throughout this report, the terms "cyberbullying" and "online harassment" are used interchangeably.

CURRENT STATES OF SOCIAL MEDIA IN PHARMACOVIGILANCE

Pharmacovigilance (PV) organisation, process, and outcome status may vary globally due to regulatory differences. Surveying the current situation of PV in each regulatory body in the Asia-Pacific Economic Cooperation of our study.



USE IN SOCIAL MEDIA HEALTH CARE

The many uses of social media applications in health include:

- Access to educational resources by health care providers and patients; creation of content-rich reference resources such as Wikipedia; evaluation and reporting of real-time infectious trends; catalysing outreach during public health campaigns; and recruitment of patients to online studies and clinical trials.
- Future Impact and Potential Applications of Social Media in PV Social media for reporting and following up on safety data Users in an online community frequently discuss a wide range of personal medical experiences. For a variety of reasons, patients frequently share their health experiences with one another rather than with their physician or in a clinical research study. One study, led by Knezevic et al in 2011, describes how a Facebook group was created and its effectiveness was tracked as an Adverse Event (AE) channel.
- The potential scope of social networks in pharmacovigilance has piqued interest; it has the potential to be used to identify ADRs.
- The social networking platforms that can be used for pharmacovigilance can range from standard social networking websites such as Facebook and Twitter to websites specifically tailored to

healthcare, wellness programmes, and support linkages such as "Patients Like Me, Daily Strength, and Med Help."

- The majority of those articles were restricted to developed countries. However, little has been said about its potential in developing countries, where health literacy, social media access, and health information are lacking.
- Vigilant calculation and assessment of social media practise for use in pharmacovigilance programmes can be accomplished using a prevalidated pharmacovigilance tool that can assess and evaluate social media in terms of their significance and impact on patient outcomes.
- The overall cost-benefit exploration and assessment of the regulations and acts are required for the effective use of social media. Social media monitoring will become standard practise in Pharmacovigilance sooner rather than later.

DISCUSSION

The volume and speed of data generated from social media sources may present fascinating chances for pharmacovigilance advancements. There are still a few issues to be solved, though, before social media can fully achieve its potential. To properly comprehend and reap the advantages that social media has to offer, one must carefully analyse some of these issues, some of which are technological in nature, from both a regulatory and ethical standpoint. What value social media brings to the current pharmacovigilance processes, where that value is located, and what procedures and regulatory requirements need to be in place to realise that value are, in fact, the crucial questions that need to be addressed.

CONCLUSION

Online entertainment can be used to identify signals relating to new black box alerts, marking changes, or withdrawals in addition to conventional pharmacovigilance procedures. There are still some issues, but online entertainment will be helpful for signalling the location of many of the pharmaceuticals that are frequently mentioned in particular medical services social gatherings and organisations. Additional research is anticipated to advance NLP and mine RWD through virtual entertainment.

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