

# LE ZOOM NUTRIACTIS® #SEPTEMBER2025



# SOCIAL MEDIA: THE HIDDEN IMPACT ON OUR HEALTH

Document produced in the framework of the partnership between: BNP Paribas Cardif and Rouen-Normandie hospital

For any questions, contact: nutriactis@chu-rouen.fr







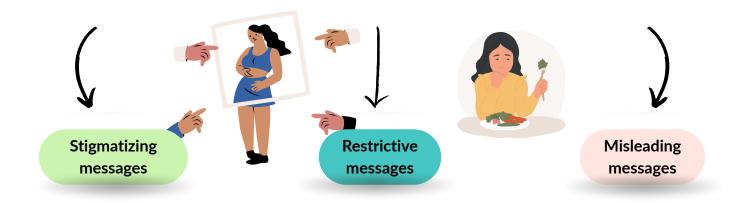








TikTok, Instagram, Facebook... These platforms, built around sharing photos and videos, are designed to **capture attention** and **increase user engagement**. The addictive nature of social media strengthens its impact on **self-esteem**, **body image**, and therefore on **behavior**. Billions of pieces of content are uploaded daily, many of them related to **food**, **physical appearance**, or **lifestyle**. They create implicit norms (body image, lifestyle habits...) aligned with today's **beauty standards**.



#### AN EMERGING ADDICTION

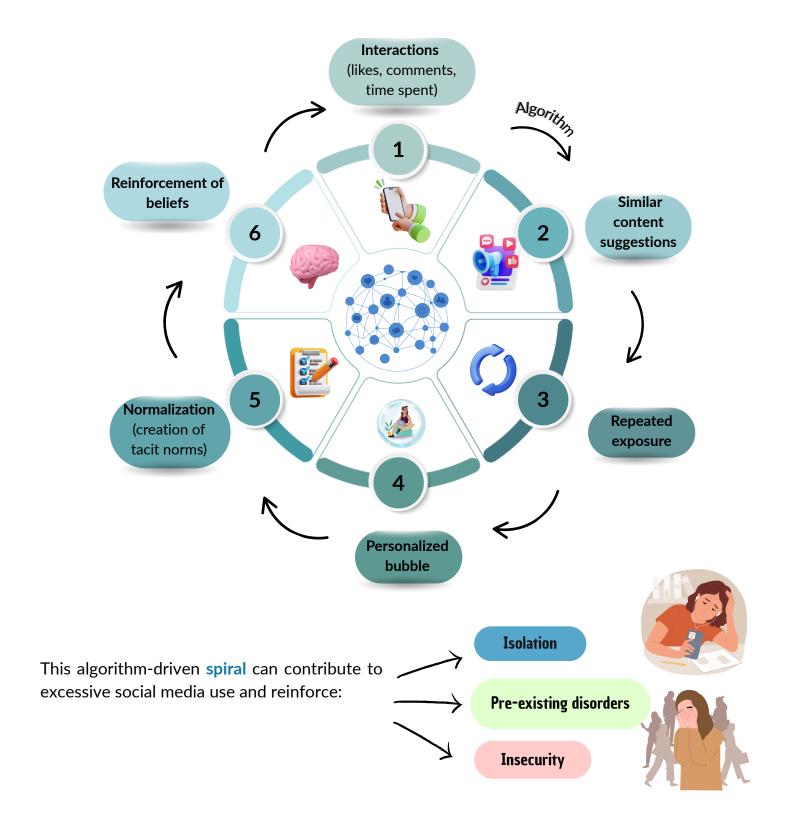
For some users, **social media** can become **problematic**. When the need to connect becomes **uncontrollable** and the time spent online interferes with **social life**, **studies**, **or leisure**, it is called **behavioral addiction**. This compulsive use often causes **distress** or **suffering**, with **real impact on daily life**. Unfortunately, users are not always aware of the consequences of their usage on their health. As with other addictions, **tolerance** develops: the more you scroll, the more you feel the need to stay connected.



# The Algorithm: the Driving Force of This addiction

Social media algorithms are designed to analyze the content viewed and suggest similar content. This traps users in a bubble of personalized recommendations, increasing the risk of addiction. Users therefore spend even more time on these platforms, leading to repeated exposure to potentially harmful messages and a risk of normalizing dangerous behaviors (extreme diets, body checks\*, social isolation...). Users may then seek comfort in these beliefs by further increasing their online interactions.

<sup>\*</sup>Body checks: targeted, repeated checks of certain body areas to evaluate appearance



#### **Mental and Physical Consequences**

Excessive social media use can have numerous psychological, emotional, and physical consequences. It can generate negative feelings and foster upward social comparison. This comparison can heighten feelings of inferiority, lowering self-esteem. It also promotes thinness ideals and body dissatisfaction.



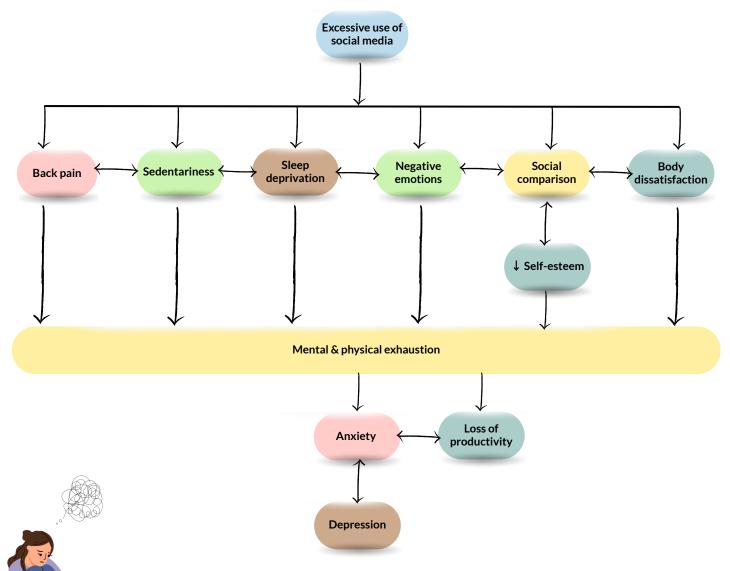
In the long run, these effects can easily lead to mental exhaustion and anxiety.

<sup>\*</sup>Tendency to compare oneself to people perceived as superior.



Screen time can also have many repercussions such as lack of sleep, sedentary lifestyle, back pain, decreased productivity. All of which contribute to physical and mental exhaustion.

These factors fuel anxiety, which can evolve into depression.



In some cases, social media can also contribute to the development of eating disorders (ED), particularly through the spread of viral challenges.

# **Risky Challenges: Dangers Behind the Screen**





Some trends, such as "pro-ana" content (promoting extreme thinness as a lifestyle), "fitspiration" (glorifying an extreme pursuit of thinness and physical performance), or the hashtag #SkinnyTok, spread particularly harmful messages.

#### How?

Behind pseudo-motivational messages or the promotion of an extreme lifestyle (sometimes staged), hide encouragements to food restriction, sometimes even glorifying hunger and pain. These posts highlight extremely low-calorie diets, the elimination of entire food groups, body checks\*, excessive exercise routines, or guilt-inducing phrases. Conversely, some content encourages excessive eating.

\*Body checks: repeated targeted checks of body parts to assess appearance





These trends increase the risk of body dissatisfaction, disordered eating practices, and therefore eating disorders or obesity.

**Influencers**, through their **communities**, also create a strong sense of **belonging** and **dependence**, which can serve as a **refuge**, reinforcing **social isolation** another risk factor for EDs.



# Examples of thinness challenges: a danger to health

#### **Belly Button Challenge**

Touching your navel by wrapping your arm behind your back



#### A4 Waist Challenge

Hiding your waist behind an A4 sheet of paper



#### Thigh Gap Challenge

Pressing your legs together while keeping a thigh gap



#### **Headphone Waist Challenge**

Wrapping earphone cords around your waist



#### Collarbone Challenge

Balancing coins in the hollow of your collarbone



Succeeding in these challenges reflects extreme thinness, particular body types, or unusual flexibility, but does not correspond to a healthy weight.

These challenges are dangerous and should not be attempted.

#### **Real Moderation?**

Platforms struggle to stop the spread of these harmful trends. TikTok has officially removed the hashtag **#SkinnyTok**, but unfortunately, alternatives constantly appear and escape moderation. It is therefore crucial to implement **sustainable solutions** to counter these movements, which exploit both **moderation** loopholes and **algorithmic** power.

# **Taking Action and Protecting Ourselves**

While social media can spread harmful messages, it can also be spaces of inspiration and kindness.





Some accounts share uplifting quotes or delicious balanced recipes.

It is therefore essential to learn to use these tools with a critical eye and a mindful approach, in order to benefit from their positive aspects without falling into their traps.

#### Possible actions:

 Strengthen regulation of harmful content through user reporting and more effective moderation. Platforms can remove certain hashtags or keywords and redirect users to support resources. Reports can also lead to the suspension or blocking of dangerous accounts.

Example: TikTok displays a warning message with resource



#### You're not alone

If you or someone you know has questions about body image, food or exercise – it is important to know that help is out there and you are not alone. If you feel comfortable, you can confide in someone you trust or check out the resources below. Please remember to take care of yourselves and each other.

View resources

2. Individually promote reliable, kind, and realistic content. Only 14% of informative social media content comes from reliable scientific sources.

links when searching negative ED-related terms.



3. Develop digital literacy and media education, especially for children and young people.

With this in mind, here are two types of social media content that promote both awareness and the reduction of guilt. First, Body Neutrality, where the content does not focus on the body's appearance but rather on its functions a more neutral alternative to Body Positivity. There is also ED recovery content, which raises awareness about eating disorders and mainly features personal testimonies.



Social media does not replace healthcare professionals. The content found there should always be approached with caution and critical thinking.

# .Conclusion \_\_\_

In the end, social media is neither inherently **good** nor **bad**. Its impact depends on how it is **used**, the type of **content consumed**, and the **mindset** with which we engage with it. Learning to use it with **perspective** and **kindness** is a way to **protect** ourselves.

«Beauty begins the moment you decide to be yourself. » - Coco Chanel translated from French





# **Use Social Media More** Mindfully in Daily Life!



#### 5-DAY CHALLENGE

#### DAY 1 - TAKE A STEP BACK

When you're on social media, ask yourself the right questions:

- Is what I'm seeing realistic?
- Does it make me feel good, or does it stress me out?
- What emotion am I feeling?

Taking a step back helps you avoid being overwhelmed by messages that are too strong or unrealistic.

#### DAY 2 - CLEAN UP YOUR FEED

that makes you feel bad about yourself, or that spreads negative messages.

1. Unfollow one account | 2. Follow an account that that is harmful to you, shares positive, inspiring, and kind content. Try to seek diversity!

3. If something in your feed feels negative or inappropriate, let the algorithm know you're not interested. Little by little, your online space will become more positive, tailored to you and your well-being.





#### DAY 3 - LIMIT YOUR TIME

Be mindful of the time you spend on social media: how much, when, and on which apps. Set clear limits, use blocking or time management tools and avoid staying online for hours at a stretch.

The less time you spend there, the less you are exposed to harmful content.

Examples of apps that can help you:











Pick one time in your day without screens. Instead, do an activity you enjoy:

- Reading
- Drawing
- Walking
- Cooking
- ...and more



#### DAY 4 - PRACTICE KINDNESS

Write down gratitude statements for your body, for all that it allows you to do, feel, and experience every

Choose 3 parts of your body and thank them. Here are some examples:

- «Thank you to my legs for carrying me every day, even when I feel tired."
- "Thank you to my eyes for allowing me to see the people I love."
- "Thank you to my hands for allowing me to write, cook, and take care of others."

# References

- Bickham, C., Ramirez-Gonzalez, B., Chu, M. D., Lerman, K., & Ferrara, E. (2025). EDTok: A Dataset for Eating Disorder Content on TikTok (No. arXiv:2505.02250). arXiv. <a href="https://doi.org/10.48550/arXiv.2505.02250">https://doi.org/10.48550/arXiv.2505.02250</a>
- Blackburn, M. R., & Hogg, R. C. (2024). #ForYou? The impact of pro-ana TikTok content on body image dissatisfaction and internalisation of societal beauty standards. PLOS ONE, 19(8), e0307597. https://doi.org/10.1371/journal.pone.0307597
- Boepple, L., Ata, R. N., Rum, R., & Thompson, J. K. (2016). Strong is the new skinny: A content analysis of fitspiration websites. Body Image, 17, 132-135. <a href="https://doi.org/10.1016/j.bodyim.2016.03.001">https://doi.org/10.1016/j.bodyim.2016.03.001</a>
- Cohen, R., Irwin, L., Newton-John, T., & Slater, A. (2019). #bodypositivity: A content analysis of body positive accounts on Instagram. Body Image, 29, 47-57. <a href="https://doi.org/10.1016/j.bodyim.2019.02.007">https://doi.org/10.1016/j.bodyim.2019.02.007</a>
- Cramer, S., Inkster, B.(2017). Social media and young people's mental health and wellbeing. RSPH. <a href="https://www.rsph.org.uk/static/uploaded/d125b27c-0b62-41c5-a2c0155a8887cd01.pdf">https://www.rsph.org.uk/static/uploaded/d125b27c-0b62-41c5-a2c0155a8887cd01.pdf</a>
- Dahlgren, C. L., Sundgot-Borgen, C., Kvalem, I. L., Wennersberg, A.-L., & Wisting, L. (2024). Further evidence of the association between social media use, eating disorder pathology and appearance ideals and pressure: A cross-sectional study in Norwegian adolescents. Journal of Eating Disorders, 12(1), 34. <a href="https://doi.org/10.1186/s40337-024-00992-3">https://doi.org/10.1186/s40337-024-00992-3</a>
- Ezan, P., & Hoëllard, E. (2025, mai 28). #SkinnyTok, la tendance TikTok qui fait l'apologie de la maigreur et menace la santé des adolescentes. <a href="https://theconversation.com/skinnytok-la-tendance-tiktok-qui-fait-lapologie-de-la-maigreur-et-menace-la-sante-des-adolescentes-257139">https://theconversation.com/skinnytok-la-tendance-tiktok-qui-fait-lapologie-de-la-maigreur-et-menace-la-sante-des-adolescentes-257139</a>
- <u>Harriger, J. A., Evans, J. A., Thompson, J. K., & Tylka, T. L. (2022).</u> The dangers of the rabbit hole: Reflections on social media as a portal into a distorted world of edited bodies and eating disorder risk and the role of algorithms. <u>Body Image</u>, <u>41</u>, 292-297. <a href="https://doi.org/10.1016/j.bodyim.2022.03.007">https://doi.org/10.1016/j.bodyim.2022.03.007</a>
- Hock, K., Vanderlee, L., White, C. M., & Hammond, D. (2025). Body Weight Perceptions Among Youth From 6
  Countries and Associations With Social Media Use: Findings From the International Food Policy Study.
  Journal of the Academy of Nutrition and Dietetics, 125(1), 24-41.e7.
  <a href="https://doi.org/10.1016/j.jand.2024.06.223">https://doi.org/10.1016/j.jand.2024.06.223</a>
- Hoffmann, B. (2018). Pro Ana (1): Eating disorder or a lifestyle? Trakia Journal of Science, 16(2), 106-113. https://doi.org/10.15547/tjs.2018.02.006
- Ladwig, G., Tanck, J. A., Quittkat, H. L., & Vocks, S. (2024). Risks and benefits of social media trends: The influence of "fitspiration", "body positivity", and text-based "body neutrality" on body dissatisfaction and affect in women with and without eating disorders. Body Image, 50, 101749.
   <a href="https://doi.org/10.1016/j.bodyim.2024.101749">https://doi.org/10.1016/j.bodyim.2024.101749</a>
- Lolivier, I. (2025, mai 7). TCA: Pourquoi il faut s'alarmer face au phénomène #SkinnyTok? Santé Mentale. <a href="https://www.santementale.fr/2025/05/tca-pourquoi-il-faut-salarmer-face-au-phenomene-skinnytok/">https://www.santementale.fr/2025/05/tca-pourquoi-il-faut-salarmer-face-au-phenomene-skinnytok/</a>
- Twenge, J. M., & Campbell, W. K. (2018). Associations between screen time and lower psychological well-being among children and adolescents: Evidence from a population-based study. Preventive Medicine Reports, 12, 271-283. <a href="https://doi.org/10.1016/j.pmedr.2018.10.003">https://doi.org/10.1016/j.pmedr.2018.10.003</a>
- Seekis, V., & Lawrence, R. K. (2023). How exposure to body neutrality content on TikTok affects young women's body image and mood. Body Image, 47, 101629. <a href="https://doi.org/10.1016/j.bodyim.2023.101629">https://doi.org/10.1016/j.bodyim.2023.101629</a>
- Slater, A., Varsani, N., & Diedrichs, P. C. (2017). #fitspo or #loveyourself? The impact of fitspiration and self-compassion Instagram images on women's body image, self-compassion, and mood. Body Image, 22, 87-96. <a href="https://doi.org/10.1016/j.bodyim.2017.06.004">https://doi.org/10.1016/j.bodyim.2017.06.004</a>
- Smith, A. C., Ahuvia, I., Ito, S., & Schleider, J. L. (2023). Project Body Neutrality: Piloting a digital single-session intervention for adolescent body image and depression. The International Journal of Eating Disorders, 56(8), 1554-1569. <a href="https://doi.org/10.1002/eat.23976">https://doi.org/10.1002/eat.23976</a>