



PLAYING VIDEO GAMES WHILE INTOXICATED

Thorens G, Rothen S, Achab S, Khazaal Y, Zullino D.

Gabriel.thorens@hcuge.ch

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- “Cigarette smokers were significantly more likely to gamble in the past year compared to non-smokers



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- “Cigarette smokers were significantly more likely to gamble in the past year compared to non-smokers
- cigarette smokers were over three times more likely than non-smokers to be a problem gambler” (Griffiths 2010)



Casino / playing at home





Internet Gaming disorder

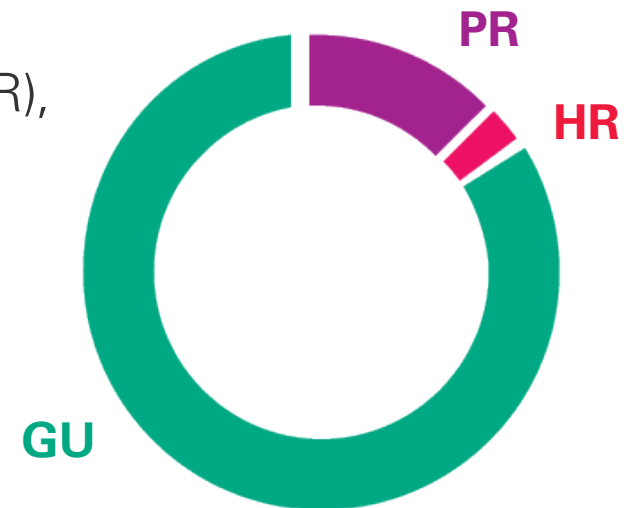
- DSM- 5 Appendix
- Consensus Criteria (Petry 2014) based on pathological gambling
- Tolerance
- Craving
- Loss of control...



Internet gaming disorder comorbidity (Lee 2013)

Substance abuse and internet addiction in Korean adolescent (N=73,238) age from 13 to 18

- 85.2% **general users** (GU),
11.8% **potential risk** for internet addiction (PR),
3.0% **high risk** for internet addiction (HR).





Internet gaming disorder comorbidity (Lee 2013)

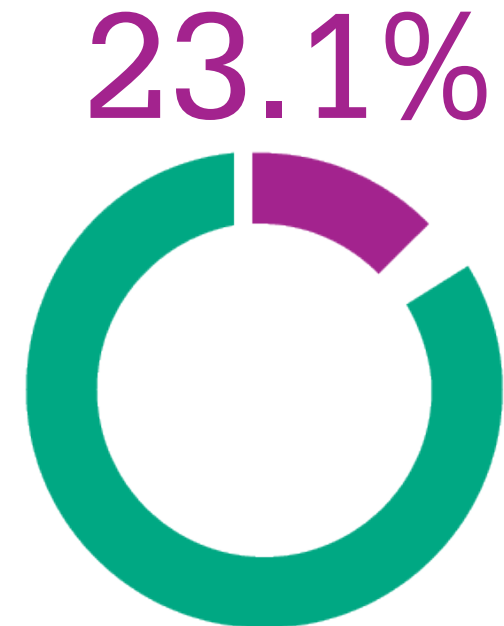
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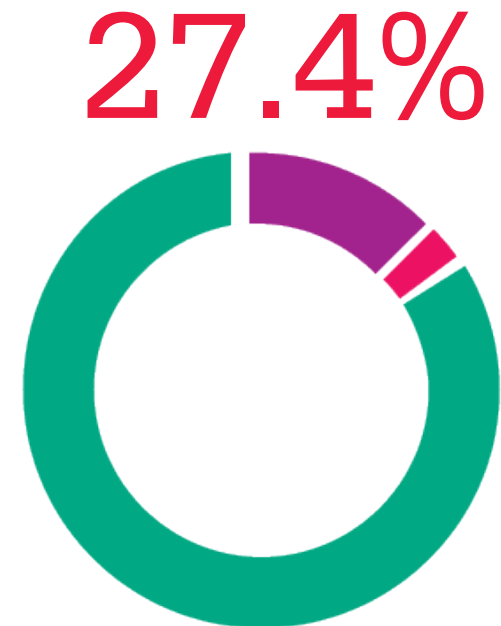
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11.7%





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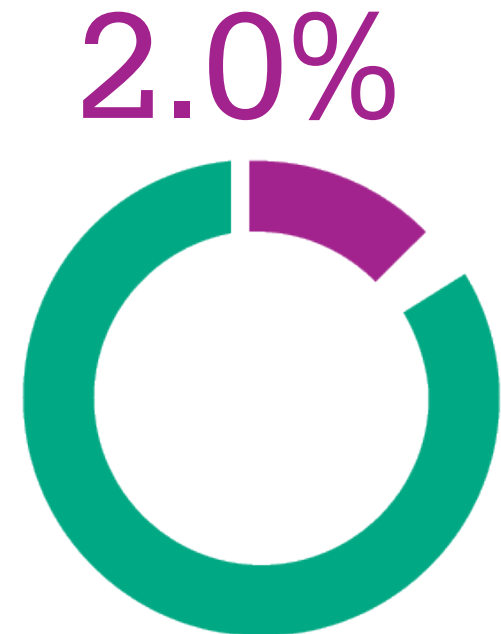
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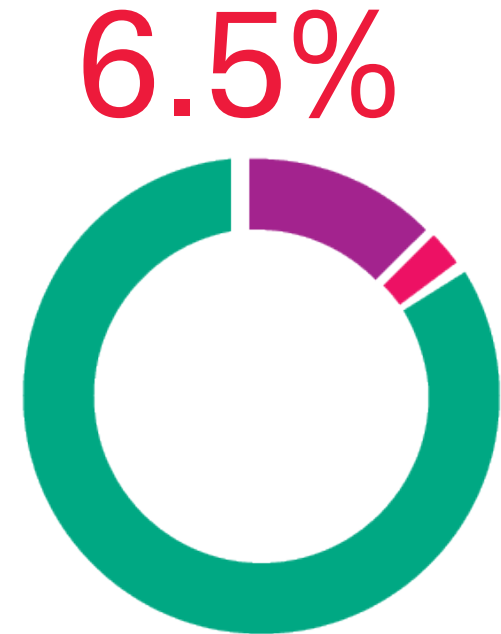
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- Smoking (11.7% vs 13.5% vs 20.4%).
- Drug use among the GU, PR, and HR groups (1.7% vs 2.0% vs 6.5%).
- **Smoking** may predict a **high risk** for internet addiction (OR=1.203, $p=0.004$).
- **Drug** use may predict a **high risk** for internet addiction (OR=2.591, $p<0.001$).





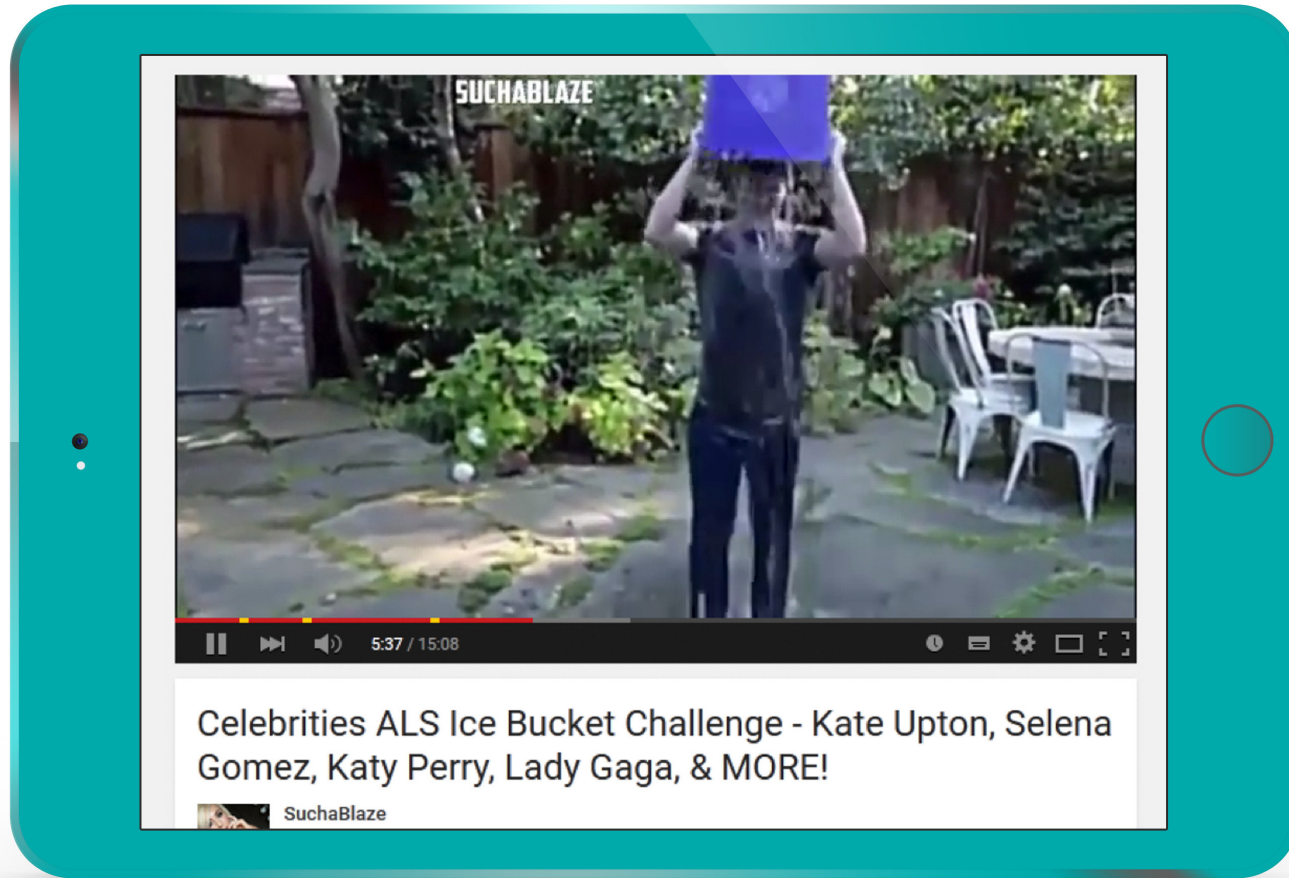
Internet Gaming disorder / Substance use disorder

- Nowadays new problematic trends often appear on internet before it is described in clinical literature. (Binge drinking...)
- Internet is the actual most powerful advertisement media.

"Gangnam Style" ^[3]	Psy	2,344,342,100	July 15, 2012
"Baby" ^[4]	Justin Bieber featuring Ludacris	1,172,259,541	February 19, 2010
"Dark Horse" ^[5]	Katy Perry featuring Juicy J	972,617,313	February 20, 2014
"Roar" ^[6]	Katy Perry	939,981,627	September 5, 2013
"Bailando" ^[7]	Enrique Iglesias featuring Descemer Bueno & Gente De Zona	890,705,678	April 11, 2014

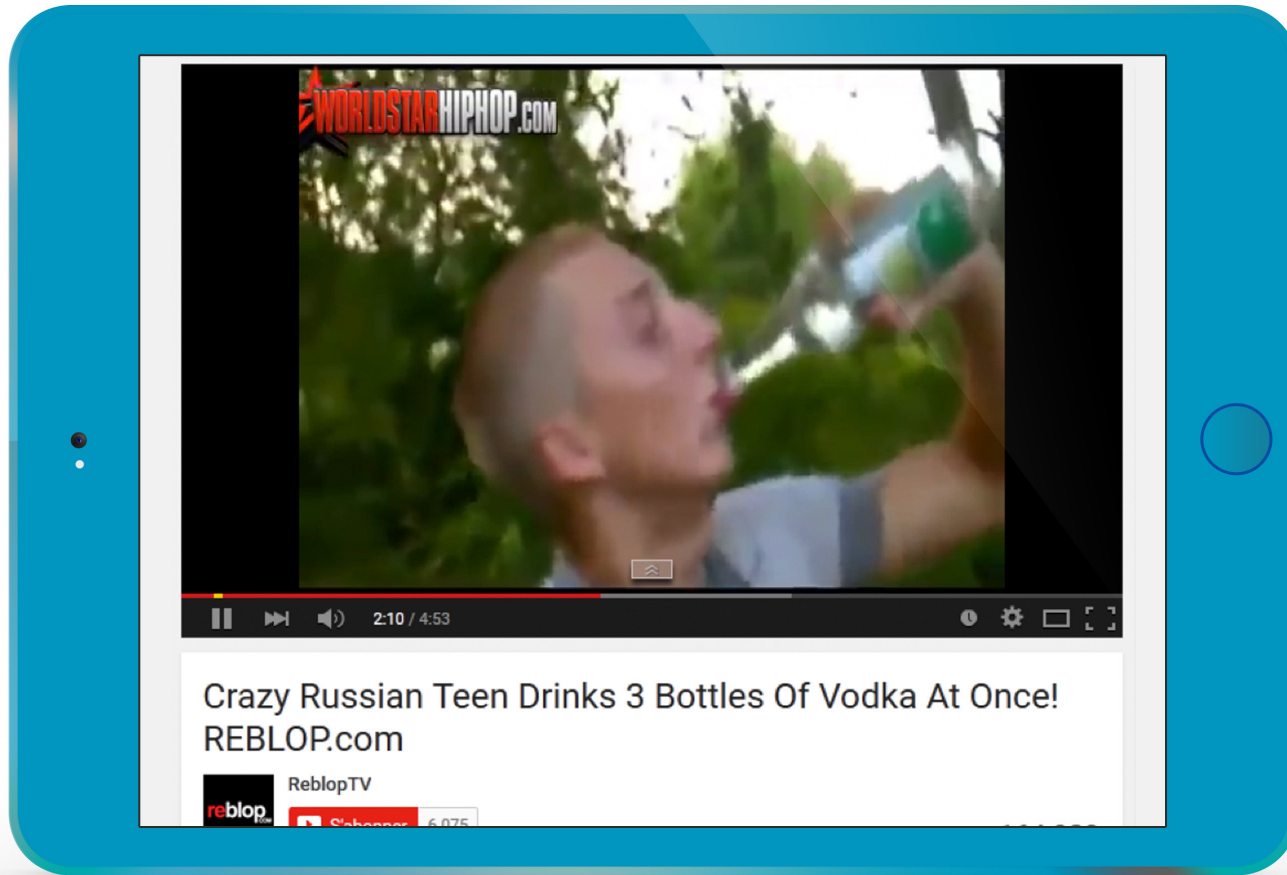


Internet (Youtube) the best and the worse





Youtube the best and the worse



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<http://www.hug-ge.ch/addictologie>



Video game and substance use

- Retrospective study on internet problematic users: comorbid substance use and Internet Gaming disorder (Thorens 2014)
- As for gambling: only a small percentage of people ask for medical help

- **Is there on the web:**

1. References to gaming and substance use (alcohol and THC)
2. Are these references negative or positive



Method

- Duckduckgo search of the **10 first occurrences** of the **17 most popular video game** and the term
- « while drunk »
- « while weed »
Example: « Tetris while drunk »





17 Most popular video games

- Grand theft auto
- Call of duty
- Diablo
- The elder scroll
- Super mario
- Battlefield
- Kinect adventure
- Minecraft
- Pockemon
- Legend of zelda
- Tetris
- Gran turismo
- Metal gear solid
- Final fantasy
- World of warcraft
- The sim
- Starcraft





← <https://duckduckgo.com/?q=Call+of+duty+while+drunk&ia=videos>

Les plus visités Web of Science Gabriel Thorens - Outl... U Nouv. recherche H Addictologie | HUG - ... com

5:29
Playing Call of Duty While Dr...
423 views

5:00
Me playing Call Of Duty MW3...
462 views

6:05
Call of Duty: Zombies Story li...
427 views

Call Of Duty While Drunk With Tsw - YouTube
YouTube home · WarriorTSW
 youtube.com

about to play call of duty drunk - YouTube
this is my video game channel BGC <https://www.youtube.com/channel/UC0KN...>
 youtube.com

Fun things to do while your drunk ? - Yahoo Answers
play **call of duty** and talk loud bs on the mic. 1. 1. ... Fun things to do while your **drunk** ? anything (: eg.)
going outside. going to the park,. watching a movie. Sign In . to add your answer. Ask a question usually
answered in minutes!
 answers.yahoo.com



Super Mario Weed And Shrooms Pictures, Images & Photos ...



View the 21016846 best **Super Mario Weed** And Shrooms Photos, **Super Mario Weed** And Shrooms Images, **Super Mario Weed** And Shrooms Pictures. Download photos or share to Facebook, Twitter, Tumblr, Blogger

 photobucket.com

Super Mario Bros . 2 - Walkthrough - IGN - Video Games, Wikis ...

Super Mario Bros. 2 ... Pause the game; resume when paused B - Accelerate while running; pull up **weeds** you are standing over ... jump onto the 'C'-shaped steel platform, and watch out for the Spark. The **weed** in the 'C'-shaped steel platform is a POW Block, use this ...

 ign.com

Urban Dictionary: Supa Mario

-Noun • Marijuana (**weed**) Some people are know to smoke **weed while** playing **Super Mario**. Makes the gameplay way better.

 urbandictionary.com

Top 10 Super Mario Smoking Devices That Nintendo Definitely ...

Besides, they will never be able to create or appreciate ridiculous pieces like the ones on our list of 'The Top 10 **Super Mario** Smoking Devices That Nintendo Definitely Doesn't Know About. ... of smoking **weed** on the beaches while doing a Haka War Dance.

 hightimes.com

Super Mario Weed And Shrooms Image - Super Mario Weed And ...



Results

- 340 occurrences were classified. 167 were classified as irrelevant (no relation between the game and the drugs).



Example of an irrelevant occurrence:

The Elder Scrolls Official Site

The official site for The Elder Scrolls series, including The Elder Scrolls V: Skyrim. 11.11.11.





Drug promoting
positive results 93.1%



The 173 remaining occurrences were classified as follow:

41.7% were positive statements on playing while intoxicated

14.4% to an alcohol or cannabis special game mode

8.7% related to drinking or smoking games while playing

21.4% were references to the possibility to use drug in the game (your avatar drinking or smoking)

6.9% to game's paraphernalia related to drugs (ie. glasses, smoking devices)



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<http://www.hug-ge.ch/addictologie>



41.7% Positive statement

The Elder Scrolls V: Skyrim and the What to Drink While ...

... (when I was not at work) playing The **Elder Scrolls V: Skyrim**. ... The Orkney Skull Splitter also fits the theme really well. If you insist on drinking American, New Holland's Dragon's Milk is a tasty, ... And if you really want to go all out while you play Skyrim, ...

> worstbeerblogever.com





Positive statement

Games to Play High, Games to Play When/while High, Fun Games ...

Find out a lot of interesting best games to play high. First Person Tetris. Tell a Friend; Add to bookmarks; RSS; Navigation. ... While Apple Base Jeans has been in the market because 2003, ... First Person Tetris; Drug Wars; Marijuana Stand 3; Potman;



Join Us On The New Stoner Social Network [LazyKush.com!](http://LazyKush.com)

Free Stoner Games at Stoner Games .NET!

Welcome to the best free stoner games site on the net. Play many of the best 420 games available on the net in one place! All drug games at StonerGames.Net are 100% FREE and require no downloads. Start playing online weed games now! Choose any marijuana flash games below to get started! Enjoy!



Drunk gaming channel



Drunk Gaming - Welcome to the dark side of video games...

de Alli • 21 vidéos • 179 902 vues • Last updated on 10 mars 2015

▶ Tout regarder

← Partager

+ Enregistrer

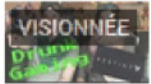
1



Drunk Gaming - Five Nights At Freddy's 2

de Alli

2



Drunk Gaming - Destiny

de Alli

3



Drunk Gaming - Nidhogg

de Alli

4



Drunk Gaming - Mario Kart 8

de Alli



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21.4% were references to the possibility to use drug in the game





14.4% to an alcohol or cannabis special game mode



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8.7% related to drinking or smoking games while playing

FIFA

If the World Cup isn't providing you with enough soccer-related opportunities to drink, why not try this?

Rules:

Take 1 sip if...

...you foul

...the ball goes out of bounds

...there's an offside whistle

Take 2 sips if...

...you let your opponent get a corner kick

...you injure your opponent

Take 5 sips if...

...you get a yellow card

...your opponent scores (+1 for each goal they've already made)

BuzzFeed GEEKY



News

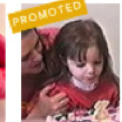
Buzz

Life

Quizzes

Videos

More ▾



13 Ways To Turn Video Games Into Drinking Games

I'm super smashed, bro.



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6.9% to game's paraphernalia



Mario water pipe



6.9% associated to negative comment

Mothers Against Drunk Driving Wants 'Grand Theft Auto IV' Off ...

... which includes the ability to drive while intoxicated, is currently rated "Mature." "Drunk driving is ... but we believe the mature audience for 'Grand Theft Auto IV' is more than sophisticated enough to understand the game's content," Rockstar Games said in a statement to The ...





Discussion

93.1 favorable occurrences linking gaming and alcohol and cannabis use.

This is an indirect confirmation of the potential frequent association of gaming while intoxicated and the potential comorbid association between substance addiction and internet gaming disorder.

Limitation: subjective words used (while drunk, while high/weed), only 10 occurrences checked.