

## Supplemental Digital Content 2: Major cognitive themes during ketamine infusion.

**Table 1:** Major cognitive themes perceived and recalled by volunteers during ketamine infusion and whose data were included in the analysis.

Themes	#	Examples of subject's records
Sense of well-being, joy and peace	5	"I was very peaceful" "I felt ridiculous and funny, I laughed"
Unearthly environment	4	"I had the feeling to be in a very different, fictional universe" "In this surrealist universe, I was very quickly flying surrounded by unusual objects" "I was in a futurist city"
Flying	3	"I was flying in colored hall" "I was flying very quickly on a kind of platform"
Bright light	2	"I was surrounded by a huge halo" "I saw a bright light"
Day dreaming	4	"I was like in a deep sleep but I was conscious" "I had the feeling to do a day dreaming"
Sensation of dissolution in the environment/universe	2	"I was sucked by the table, I became the table" "I had the sensation that my limbs were sucked by the environment, I was the universe"
Body distortion	3	"My arms, my legs, my pelvis, my head, all of my body limbs were mixed up" "My limbs became longer"
Falling sensation	2	"I had the sensation of being sucked" "I felt sucked downwards, by an attractive power"
Imprisonment/oppression sensation	3	"I was a cube, I was blocked, I was hampered" "I felt very bad, hardly locked up"
Dying sensation	2	"Suddenly, I understand: I'm dying!" "I thought: ok I'm dying"

Footnote: The column headed by # gives the number among those 8 subjects having experienced the concerned theme.