

Supplementary table S1. Characteristics of all participants (n=62) included in this study.

Characteristics	Healthy controls (HC, <i>n</i> =28)	Patients with methamphetamine use disorder	
		Current patients (CP, <i>n</i> =23)	Former patients (FP, <i>n</i> =11)
Age (years, mean $\pm$ SD)	44.4 $\pm$ 7.6	46.8 $\pm$ 8.8	54.5 $\pm$ 6.0
Height (cm, mean $\pm$ SD)	173.1 $\pm$ 4.6	174.2 $\pm$ 6.2	172.5 $\pm$ 4.7
Weight (kg, mean $\pm$ SD)	74 $\pm$ 8.6	73.3 $\pm$ 12.1	76.3 $\pm$ 10.3
Body mass index (kg/m ² , mean $\pm$ SD)	24.7 $\pm$ 2.5	24.1 $\pm$ 2.8	25.6 $\pm$ 3.4
Cigarette smoking status			
Never-smoker (<i>n</i> , %)	9 (32)	2 (9)	0 (0)
Former smoker (<i>n</i> , %)	10 (36)	4 (17)	3 (27)
Current smoker (<i>n</i> , %)	9 (32)	17 (74)	8 (73)
Alcohol use status			
Non-drinker (<i>n</i> , %)	2 (7)	11 (48)	3 (27)
Moderate drinker (<i>n</i> , %)	1 (4)	0 (0)	1 (9)
Low-risk drinker (<i>n</i> , %)	3 (11)	2 (9)	1 (9)
Binge drinker (<i>n</i> , %)	22 (79)	10 (43)	6 (55)
Drug use status			
Methamphetamine only (<i>n</i> , %)	0 (0)	12 (52)	2 (18)
More than 2 types of drugs including methamphetamine (<i>n</i> , %)	0 (0)	11 ^a (48)	9 ^b (82)
Scores of drug abuse screening tools (Korean versions)			
National Institute of Drug Abuse-Modified ASSIST			
0-3 (Lower risk, <i>n</i> , %)	NA	0 (0.0)	0 (0.0)
4-26 (Moderate risk, <i>n</i> , %)	NA	6 (26.1)	1 (9.1)
27+ (High risk, <i>n</i> , %)	NA	17 (73.9)	10 (90.9)
Drug Use Disorders Identification Test Extended			
2-3 (Low motivate, <i>n</i> , %)	NA	2 (8.7)	1 (9.1)
4-9 (Medium motivate, <i>n</i> , %)	NA	10 (43.5)	1 (9.1)
10-14 (High motivate, <i>n</i> , %)	NA	6 (26.1)	5 (45.5)
>14 (Outlier, <i>n</i> , %)	NA	5 (21.7)	4 (36.4)
Drug Abuse Screening Test			
0 (Healthy, <i>n</i> , %)	NA	0 (0.0)	0 (0.0)
1-2 (Risky, <i>n</i> , %)	NA	3 (13.0)	1 (9.1)
3-5 (Harmful, <i>n</i> , %)	NA	6 (26.1)	1 (9.1)
6+ (Severe, <i>n</i> , %)	NA	14 (60.9)	9 (81.8)

^aCannabis (*n*=7), cocaine (*n*=2), opium (*n*=1), inhalers (e.g., toluene, butane etc., *n*=1), sedative/anesthetic drugs (e.g., diazepam, lorazepam etc., *n*=4), hallucinogens (e.g., 3,4-methylenedioxymethamphetamine, lysergic acid diethylamide etc., *n*=2), prescription stimulants (e.g., phentermine, methylphenidate etc., *n*=2), prescription opioids (e.g., morphine, codeine etc., *n*=1); ^bcannabis (*n*=8), cocaine (*n*=1), opium (*n*=1), inhalers (e.g., toluene, butane etc., *n*=2), sedative/anesthetic drugs (e.g., diazepam, lorazepam etc., *n*=2), hallucinogens (e.g., 3,4-methylenedioxymethamphetamine, lysergic acid diethylamide etc., *n*=3), γ -hydroxybutyrate (*n*=1); SD, standard deviation; NA, not analyzed.