Imaging Cognitive Deficits in Drug Abuse

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Contents

1 Introduction ......................................................... 249
2 Imaging Cognitive Deficits in Cannabis Users ........................ 250
  2.1 Summary ....................................................... 250
  2.2 Imaging Cognitive Deficits in Cannabis Users ................. 250
3 Imaging Cognitive Deficits in Amphetamine,
  Methamphetamine, MDMA, and Cocaine Users .................. 256
  3.1 Summary ....................................................... 256
  3.2 Imaging Cognitive Deficits in Amphetamine and Methamphetamine Users .......................................................... 258
  3.3 Imaging Cognitive Deficits in MDMA (3,4-Methylenedioxymethamphetamine, 
     Ecstasy) Users .................................................. 261
  3.4 Imaging Cognitive Deficits in Cocaine Users .................. 262
4 Imaging Cognitive Deficits in Heroin and Methadone use .......... 265
  4.1 Summary ....................................................... 265
  4.2 Imaging Cognitive Deficits in Heroin and Methadone Users .... 266
5 Imaging Prenatal Conditions ........................................ 268
  5.1 Summary on Prenatal Children Exposed to Drugs ............... 268
  5.2 Imaging Cognitive Deficits in Children Exposed to Illicit Drugs ...... 269
References ............................................................. 269

Abstract The neuropsychological network is a complex structure. To identify 
processes location and network capacity the brain imaging techniques together 
and in combination with other neuropsychological techniques and the expanding 
of well elaborated designs provide us with a multidimensional understanding, and 
contributes to the understanding of each illicit drug’s character, which is of importance 
in designing of new treatment programs and clinical practice. Cannabis, 
MDMA, amphetamine, cocaine, and heroin abusers display both acute effects and 
chronic effects, deficits in attention, memory, and executive functioning. These 
deficits may last beyond the period of intoxication and cumulate with years of use.

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