

Case-control study of Attention-deficit hyperactivity disorder and maternal smoking

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The studies on the detrimental effects of smoking on pregnancy are indeed extensive. Exposure to tobacco smoke in utero is suspected to be associated with ADHD symptoms in children that may be related to prolonged hypoxic status in utero. A retrospective, case-control study was conducted with 98 ADHD cases and 112 non-ADHD controls of both genders. The case and control children and their parents were systematically assessed with structured diagnostic interviews. ADHD cases were 1.9 times (95% confidence interval = 1.1-4.1; $p = .02$) more likely to have been exposed to cigarettes in utero than were the non-ADHD control subjects. Results showed that maternal smoking can be associated with ADHD in children.

Keywords: maternal, smoking, ADHD

Tobacco

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Tobacco use has been associated with poor health and premature death. Current smoking has been associated with a higher prevalence of mental health problems. Systematic review of the literature shows that the prevalence of mental health problems is significantly higher among the general population of smokers than among non-smokers. The most important aspect of tobacco use is its role in causing dependence, which is a major public health problem. Through the identification of the relationship between tobacco use and mental health, we can better understand the abuse/dependence. The relationship between tobacco use and mental health is elaborated in the literature. The prevalence of mental health problems is higher in frequent IV nicotine dependence than in non-dependent individuals. The relationship between tobacco use and mental health is different from that of other substances, such as alcohol, with suicide and other mental health problems. Specific considerations for the use of tobacco products in tobacco products are discussed. The relationship between tobacco use and mental health is a complex one, and greater disability, and

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