

# Management of drug misuse in pregnancy

Ed Day & Sanju George

**Abstract** Use of both licit and illicit drugs can lead to a range of medical, psychiatric and social problems, and the situation becomes further complicated if the user is pregnant. Prescribed and non-prescribed substances can affect a pregnancy, and substances are seldom used in isolation. In this review we focus on users of illicit drugs (including prescribed drugs used illicitly) during pregnancy and describe some of the issues in managing such cases. We consider the impact of substance use on the foetus, the mother and the newborn child, and highlight the importance of multidisciplinary working in this area. Space precludes a detailed account of the issues surrounding the use of legal substances such as alcohol and tobacco during pregnancy, but we note their significant impact in this group.

It is difficult to estimate accurately the prevalence of high-risk drug use during pregnancy for a variety of reasons: feelings of shame, denial and stigma experienced by the drug user, lack of awareness among professionals in antenatal services, the presence of comorbid psychiatric disorders, and sociocultural barriers that may prevent a thorough assessment. However, we know that about one-third of drug users in treatment in the UK are female, and over 90% of these women are of childbearing age (15–39 years). A number of large surveys of drug use in different populations conducted in the USA provide a further insight. For example, the National Pregnancy and Health Survey gathered self-report data from a sample of 2613 women whose babies were delivered in 52 urban and rural hospitals during 1992 (National Institute of Drug Abuse, 1996). Over 5% of those who gave birth during the study period had used illicit drugs while they were pregnant, with 2.9% using cannabis and 1.1% using cocaine at some point in their pregnancy (compared with 20% smoking tobacco and 18.5% drinking alcohol). A further report combined 2 years of US National Household Survey data (1994 and 1995) for women and girls 15–44 years old and found that 9.3% reported current use of illicit drugs, with 2.3% doing so while pregnant. The problem is therefore a significant one, particularly as it has implications for both mother and child.

## Effects of drug use on the mother

Dependence on heroin or other drugs can lead to neglect in many areas of the user's life. The need to obtain a steady supply of the drug is both time-consuming and expensive, and so neglect of medical, nutritional and social well-being is common. Injected drug use leads to an increased risk of acquiring blood-borne viruses such as HIV and hepatitis, as well as abscesses and endocarditis. Maternal infection, neglect and malnourishment are partly responsible for the observed low birth weights, high incidence of preterm birth and poor nutritional status of neonates born to drug users (Fischer, 2000). Women may become involved in crime such as prostitution, robbery and burglary in an attempt to finance their drug habit.

## Parenting issues

Parental drug use during and after pregnancy can have a serious impact on the emotional, cognitive and behavioural development of children. It has been estimated that 20 000–30 000 children in England and Wales have one or both parents with a serious drug problem (Advisory Council on the Misuse of Drugs, 2000). After the birth, parental drug use may present the child with a range of difficulties that can

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# Pregnancy And Drug Misuse

**I.J. Chasnoff**



## **Pregnancy And Drug Misuse:**

**Drug Misuse and Motherhood** Marcia Jackson,Hilary Klee,Suzan Lewis,2003-09-02 The growing use of illicit drugs among women has become a major concern for health professionals and social services The reluctance of drug using women to seek help from drug agencies and to disclose their use of drugs to ante natal midwifery and social services is now officially recognised by government agencies However devising an appropriate strategy that will overcome these fears will not be easy without a better understanding of their causes and effects Drug Misuse and Motherhood gives drug using mothers a voice Based on longitudinal research and in depth interviews it provides new insights and much needed information in five key areas family life pregnancy motherhood service delivery and development implications for policy The user perspective of this book is balanced by the professional viewpoint on the same issues It offers a unique source of data for researchers and fresh inspiration for practitioners working in the field

**Pregnancy and Drug Misuse Update 2000** Co-operation Group to Combat Drug Abuse and Illicit Trafficking in Drugs (Pompidou Group),Council of Europe,2000-01-01 Drug misusers are increasingly seen as patients requiring care rather than as confirmed delinquents But is this the case with pregnant women who misuse drugs What kinds of care are available to them Can special provision be made for them What ethical issues arise The aim of this seminar held in Strasbourg in May 2000 was to review the situation in the field of care provision for drug misusing pregnant women and suggest new areas of work for the future

**Pregnancy and Drug Misuse** Co-operation Group to Combat Drug Abuse and Illicit Trafficking in Drugs (Pompidou Group),Council of Europe,1998-01-01 **Substance Misuse in Primary Care** Rosie Winyard,2018-10-08 This excellent book is long overdue It will be of benefit to anyone with an interest in general practitioner education and anyone considering applying for the post of course organiser should read the opening chapters to prepare them for interview This is a thoughtful book written in a clear and witty style and it deserves a wide readership It provides an educational framework on which general practitioner teaching can be based British Journal of General Practice This book is excellent because it deals not only with the nuts and bolts of being a course organizer but also addresses the difficulties frustrations and emotions involved in a witty and entertaining manner Anyone with an interest in postgraduate medical education at any level would benefit from reading this book Update Paddy McEvoy s book has rapidly and deservedly established itself as invaluable to anyone responsible for any form of postgraduate medical education Education for General Practice As well as updating and revising the book throughout Paddy McEvoy has managed to include sections about the wider context of training without making the book overly long or losing any of the delightful flavour of the first edition I have no doubt that you will find it both useful and enjoyable

**Women & substance misuse: drug misuse & women's health in Ireland ,** **Drug Misuse and Motherhood** Marcia Jackson,Hilary Klee,Suzan Lewis,2003-09-02

The inadequacy of drug treatment services for women is an international issue noted at all major conferences The needs of women have assumed an increasingly important part of the range of topics for further research and attention by service

providers and policy makers There is a great lack of information in this field and this book will fill that gap

**Clinical Topics in Addiction** Ed Day, 2007-10 Ed Day brings together 23 papers from the Royal College of Psychiatrists popular journal *Advances in Psychiatric Treatment* which have been updated to give systematic authoritative and well referenced accounts of key clinical topics relating to substance misuse *Drugs, Alcohol, Pregnancy and Parenting* I.J. Chasnoff, 2012-12-06 The Interfaces of Perinatal Addiction Ira J Chasnoff In the last few years problems associated with drug use in pregnancy have become endemic As cocaine has become the drug of choice for millions of Americans including pregnant women as AIDS has become more commonly recognized in women and infants and as legal cases have begun to raise the question of fetal abuse no professional group has come forward to serve as advocate for this special population of substance abusers Meanwhile however physicians nurses social service agencies and public health officials have all been faced with increasing numbers of infants showing the detrimental effects of their mothers drug use Although problems of substance abuse in pregnancy have received increasing attention in the medical literature since the early 1970s there has recently been a very rapid increase in the number of articles published related to this field The reasons for this new interest are easily understood when current statistics from the National Institute on Drug Abuse are reviewed 1 Although patterns of abuse of alcohol marijuana heroin and other substances by women of childbearing age have changed very little over the last ten years the incidence of cocaine use in this special population has been rising rapidly a reflection of cocaine's increasing popularity among the general population of the United States

**Alcohol and Drug Misuse** G. Hussein Rassool, 2024-11-05 This comprehensive textbook provides an accessible and skills oriented introduction to alcohol and substance misuse for healthcare students and practitioners new to the field Divided into five parts this text explores The context of alcohol and drug misuse and the nature and theories of addiction including a historical overview and policy initiatives in contemporary society An overview of psychoactive substances and the problems associated with them An exploration of the impact of psychoactive substances on groups such as culturally and linguistically diverse communities young people women older people and the homeless An understanding of the generic role responses to substance misuse in a variety of different settings and contexts including primary care the community and hospitals A framework for assessment care planning harm reduction approaches dealing with overdose intoxication and withdrawals and psychological and pharmacological interventions This new edition is fully updated and includes expanded coverage of performance enhancing drugs e cigarettes cannabis use gender disparities in substance use and treatment public health approaches to substance use and screening tools for alcohol misuse Alcohol and Drug Misuse is enhanced with activities and learning outcomes throughout It is essential reading for nursing healthcare and social work students taking substance misuse modules as well as related post registration qualification courses for health and social care professionals

*Pregnancy and Drug Misuse* Catherine Siney, 1999 This updated and expanded edition explores the difficulties of managing the maternity care of those who are drug dependent

*Substance Abuse During Pregnancy and Childhood* Roland R. Watson, 2012-12-06 Alcohol and other drugs of abuse cause significant physiological changes especially during development. The effects on the infant and child range from severe mental retardation to mild changes in activity and neurological functions. Although the level of intake needed to cause fetal damage is not clear, the magnitude of the problem is significant with many long term sequelae. As a result it becomes critical to better diagnose and manage drug and alcohol use during pregnancy. This must involve special training for health care professionals. In addition, recognition of the psychosocial factors affecting alcohol use especially by youth and young adults is critical to modifying behavior and thus reducing fetal alcohol exposure. Cultural considerations can also come into play in modifying alcohol and drug use by women so as to reduce fetal damage. The trends in alcohol and drug use by youth forecast rising levels of damage to infants. These children will need extensive medical and educational care for years to decades. Clearly understanding of the role women must take in modifying their alcohol and drug use during pregnancy will facilitate changes in our cultural and educational practices that will help reduce fetal trauma from alcohol.

*Drug Use in Pregnancy: Mother and Child* I.J. Chasnoff, 2012-12-06 With the emergence of the biological sciences in the seventeenth and eighteenth centuries, some explanations of congenital malformations with a basis in scientific fact were formulated. It was not, however, until the thalidomide tragedy in 1961 that the necessity for further study of the effects of environmental factors on congenital malformations was recognized. By the early 1970s, concentrated efforts had begun to be directed toward evaluating the effects on the unborn child of mood altering drugs taken during pregnancy. Over the past decade, research and treatment programs have led to the recognition of a full range of psychoactive drugs that affect the developing fetus either somatically or behaviorally. Programs for the treatment of the pregnant drug addict have been developed which concentrate not only on the pharmacologic therapy of the woman but also on the social and psychologic characteristics that place her and her unborn child at risk. This book is an attempt to bring together clinicians and researchers who have been active in developing programs for the recognition and management of the chemically dependent pregnant woman and her newborn. The contributions of the multiple disciplines which the authors represent emphasize the need for a multifactorial approach to the problems of drug use and abuse during pregnancy. It is hoped that through this type of approach, a better future for substance exposed infants, innocent bystanders in the process of addiction, can be assured. Ira J Chasnoff, vii Contributing Authors I J CHASNOFF MD W

**Handbook of Substance Misuse and Addictions** Vinood B. Patel, Victor R. Preedy, 2022-10-17 Substance misuse and addictions are a public health issue. They affect the well being of each community and nation as a whole. It is therefore necessary to identify, educate and treat individuals who are addicted to substances. Policies and procedures go hand in hand with public health education and safety. The science behind the public health issues of one drug may be applicable to other drugs as well. However, marshalling all of the aforementioned information into a single source is somewhat difficult due to the wide array of material. The Editors address this by compiling the research in this single

reference work that serves as a one stop shopping approach to everything readers need to know about the scientific basis of public health and addictions and agents of misuse Apart from active agents that have a plant or chemical basis there is a need to consider that there are other forms of addiction which may have common modes of causality or prevention These include food addiction gaming gambling and other non drug addictions These types of addiction may be related to the addiction of drugs The Handbook of Substance Misuse and Addictions From Biology to Public Health offers a holistic understanding of the relationship between public health and substance misuse The text provides a common platform upon which other forms of addiction or substance misuse can be understood and treated Addiction processes involve understanding the biological processes as well as behavior psychology sociology and public health all of which are interlinked This Handbook is a useful reference for lecturers students researchers practitioners and other professionals in public health addiction science epidemiology health education health promotion and health sciences **The Effects of Maternal**

**Alcohol and Drug Abuse on the Newborn** Barry Stimmel,1982 Drug abuse and alcoholism specialists present the latest findings on the effects on the newborn of mothers use of illicit drugs during pregnancy These experts specifically address the perinatal neonatal and subsequent developmental effects **Alcohol and Drug Misuse** Iosief Abraha,2012 *Women & substance misuse in Ireland: overview ,*

**Drug Use in Pregnancy: Mother and Child** I.J. Chasnoff,1986-08-31 Abstract A reference text for medical and paramedical personnel involved in the care of pregnant women and their children presents 13 detailed reviews on various aspects of the topic prepared by experts in their respective fields Topics include the pharmacological basis of perinatal drug addiction and its recognition and treatment obstetric aspects of drug use in pregnancy presentation and application of a comprehensive model for therapy the consequences of intrauterine exposure to opiate and other drugs the effects of marijuana alcohol and psychotropic drug abuse methodological issues in investigating pregnancy drug abuse immunological function and AIDS in drug exposed infants and legal issues Literature references are appended to each of the papers Handbook on Drug Abuse ,1979 Smoking, Drinking, and Drug Use in Young Adulthood Jerald G. Bachman,Katherine N. Wadsworth,Patrick M. O'Malley,Lloyd D. Johnston,John E.

Schulenberg,2013-06-17 Why do some young adults substantially change their patterns of smoking drinking or illicit drug use after graduating from high school In this book the authors show that leaving high school and leaving home create new freedoms that are linked to increases in the use of cigarettes alcohol marijuana and cocaine They also show that marriage pregnancy and parenthood create new responsibilities that are linked to decreases in drug use The research is based on more than 33 000 young people followed from high school through young adulthood by the nationwide Monitoring the Future project Every two years participants reported on their drug use as well as their schooling employment military service living arrangements marriages pregnancies parenthood and even their divorces The unique qualities of this research large nationally representative samples follow ups extending up to 14 years beyond high school and multiple approaches to

analysis and data presentation allowed the examination of several important influences simultaneously while retaining much of the rich detail encountered in the real world. On the whole, the results are encouraging, suggesting that the potentials for change and improvement during the transition to adulthood are as important as the detrimental effects of problem behavior in adolescence. This research is a must read for anyone concerned with how new freedoms and responsibilities impact adolescents, young adults, and the use of licit and illicit drugs.

*Addiction for Nurses* G. Hussein Rassool, 2011-06-09

Nurses are acknowledged as key agents in addressing alcohol and drug misuse at individual, family, and community levels. Addiction nursing is central to the assessment, management, and care of people with problematic use of psychoactive substances, both legal and illegal. Work takes place in a wide range of settings, from traditional hospital clinics and wards to community locations such as police custody suites and needle exchange facilities.

*Addiction for Nurses* is a comprehensive textbook for students, explaining the role of the nurse at each stage of intervention. Early chapters approach the subject from sociological, historical, and cultural perspectives, covering significant topics such as the nature of addiction, its social context, and addiction theory. The book then presents vital information about each of the main areas of addiction: nicotine, alcohol, opiates, cannabis, psychostimulants, and hallucinogens, with clinical and practical guidance on recognition, assessment, and treatment intervention strategies.

Further chapters consider dealing with emergencies, blood-borne viruses, harm reduction, and work with specific client groups, for instance, black and ethnic minority communities or those with special needs. This book is an essential resource for all those who come into contact with alcohol and drug misusers and for specialist addiction nurses preparing for practice in this complex and rewarding field.

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