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ABSTRACT

This bibliography, containing over 1,000 entries from the period 1968 to June, 1991, was compiled to assist in the development of a report to Congress on the impact (both maternal and fetal) of substance abuse on pregnancy. Topics include pregnancy outcome, child health issues, legal and political issues, epidemiological aspects of substance abuse and pregnancy, the pharmacology of substance abuse in relation to pregnancy, methods of diagnosis, and related topics. Abused substances include alcohol, caffeine, prescribed and illegal drugs. The bibliography was compiled from sources including National Library of Medicine searches (e.g., Medline, Popline), published and unpublished documents, research, law, general medicine and nursing journals, public health journals, pharmacology journals, biochemical journals, and newspaper articles. The bibliography is arranged alphabetically and each entry is categorized by subject matter. Category definitions are included, as is information about the drugs discussed, the type of study, and (if the entry was research-related) the sample size. (Author/MSF)

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Substance Abuse and Pregnancy: A Comprehensive Bibliography

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INTRODUCTION

This bibliography was compiled to assist in the development of a report to Congress on the impact of substance abuse on pregnancy (both maternal and fetal). Topics include pregnancy outcome, child health issues, legal and political issues, the epidemiological aspects of substance abuse and pregnancy, the pharmacology of substance abuse in relation to pregnancy, methods of diagnosis of substance abuse, and other related topics. The substances discussed include alcohol, caffeine, prescribed and illicit drugs.

The bibliography contains over 1,000 entries, from the period 1968 to June 1991, and was compiled from a variety of sources including National Library of Medicine searches (MEDLINE, POPLINE, etc.), published and unpublished documents, research journals, law journals, general medical and nursing journals, public health journals, pharmacology journals, biochemical journals, newspaper articles, and unpublished drafts of articles.

The bibliography is arranged alphabetically and each entry is categorized according to subject matter. A set of category definitions is included. The categorization also includes the drugs discussed, the type of study, and the sample size if the entry was research related.

Substance Abuse and Pregnancy

CATEGORY DEFINITIONS

1. REVIEW

Comprehensive reviews of a specific substance, general discussions related to pregnancy outcome or complete overviews of the subject matter. Will also be coded with the appropriate other category titles.

2. PERINATAL AND INFANT (PERINATAL)

Articles citing the effects of one or more licit or illicit substances on the health and outcome of the fetus [20 weeks gestation to 1 year of life] and infant for the first year of life. Subcategories include:

- IUGR
- Malformations
- Other congenital structural insults
- Preterm delivery/Prematurity
- Withdrawal syndromes
- Acute neonatal and infant morbidity
- Neurological/Neurobehavioral abnormalities
- Neurodevelopmental/Growth abnormalities
- Medical problems
- SIDS
- Neonatal and infant mortality

3. CHILDHOOD/ADOLESCENCE(CHILD)

Articles citing the effects of one or more licit or illicit substances on the health and outcome of the child after the first year of life. Subcategories include:

- Neurological/Neurobehavioral abnormalities
- Neurodevelopmental/Growth abnormalities
- SIDS
- Medical Problems
- Child abuse
- Drug Abuse

4. MATERNAL

Articles citing effects of one or more licit or illicit substances on the health of the mother. Subcategories include:

- Abortion
- Placental abnormalities
- Labor complications (Premature/other)
- Pre-eclampsia and pregnancy induced hypertension
- Psychiatric
- Medical

5. POLICY/LEGAL

Articles discussing legal implications or policy issues related to substance abuse and pregnancy. Subcategories include:

- Prematernal liability
- Child abuse
- Legal implications for the health care provider/case identifier

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- Detection
- Ethics
- Maternal vs fetal rights
- Research issues
- Compelled treatment

6. TREATMENT/INTERVENTION/PREVENTION (TXINT)

Articles which include discussion of treatment and/or intervention (specific or programs) related to substance abuse and pregnancy.

7. EPIDEMIOLOGY (EPID)

Articles which focus on aspect of prevalence, incidence, and predictors of substance abuse. Subcategories include:

- Prevalence/incidence
- Risk identification
- Methodological issues related to drug screening and diagnosis
- Methods of assessing acute and long term effects
 - Maternal
 - Perinatal--subdivided by type
 - Child/adolescent
- Methods of quantification for assessing drug exposure and abuse
- Cohort follow-up studies

8. SCREENING AND DIAGNOSIS (S&D)

Articles relating to drug screening and diagnosis/documentation methods.

Subcategories include:

- Biological markers for drug screening
- Diagnosis of substance abuse

9. PHARMACOLOGY (PHARM)

Articles discussing the pharmacological effects of and illicit substances on the fetus/neonate or mother. Subcategories include:

- Pharmacodynamics of prenatal drug exposure
- Pharmacodynamics of drugs in the pregnant woman
- The pharmacologic and physiologic action of drugs on the maternal and fetal-placental unit
- Biotransformation of drugs in the human fetal-placental unit
- Hypothetical pathways to explain the effect of drugs on the fetus

10. HIV

Articles which discuss substance abuse in pregnancy and HIV

11. MISC

Articles related to pregnancy and substance abuse that do not fit into one of the categories listed above.

- Editorials
- Letters
- Coded by subject matter

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If a particular drug is discussed, it will be included in the category descriptions and designated with an asterick ([Perinatal*Cocaine])

Substance Abuse and Pregnancy

___ *Alcohol and Drug Dependent Pregnant Women: Laws and Public Policies that Promote and Inhibit Research and the Delivery of Services*. NY: Legal Action Center. [Policy/Legal(Effect of policies and laws on research and treatment)]

___ Caring for cocaine's mothers and babies. *NAACOG News letter* 1989; 16(10):1, 4-6. [Review:Perinatal:Policy/Legal]

___ D(A Minor) v Berkshire County Council. *All England Law Reports* 1987;1:20-45. [Policy/Legal]

___ Developmental effects of drug dependence. Satellite meeting of the Committee of Problems of Drug Dependence. *Neurobehav Toxicol Teratol* 1982; 4(4): 419-87. [Misc(Child Development)]

___ Drug abuse's most innocent victims: Babies. *CDF Reports* 1989, May:1, 5. [Policy/Legal]

___ Drug abuse and pregnancy. *NIDA Capsules* 1989, June:1-4. [Review--Commentary]

___ Drugs in Pregnancy. *Med Lett Drugs Ther* 1972, Dec 8; 14(25): 94-6. [Misc(Dangers of prescribing drugs in pregnancy--letter)]

___ Easing drug withdrawal. *Ohio Med* 1988; 84(6):427. [TxInt(Neonatal Withdrawal)--News]

___ Editorial: Salicylate ingestion during pregnancy. *Med J Aust* 1976, Feb 21; 1(8): 214-5. [Misc:Editorial*Salicylates]

___ Feedback from the Sixth International AIDS Conference, San Francisco 1990. *Genitourin Med* 1991; 67(2):162-71. [HIV]

___ FYI: Model programs serving drug exposed children...HHS Report: "Crack babies" released. *Children Today* 1990; 19(4): 1-2. [Policy/Legal(Commentary, report of a report)*Crack]

___ Guiding Principles for Working with Substance-Abusing Families and drug-Exposed Children: The Child Welfare Response. National Association of Public Child Welfare Administrators [Policy/Legal(Guidelines of care)]

___ Law and Policy affecting addicted women and their children. *Coalition on Alcohol and Drug Dependent Women and their Children: Testimony Before the House Select Committee on Children, Youth and Families* Washington DC: NCADD; 1990. [Policy/Legal]

___ Leads from the MMWR. Status of the 1990 objectives on misuse of alcohol and drugs. *JAMA* 1987; 258(23):3367-8. [Misc]

Substance Abuse and Pregnancy

___ Learning handicaps linked to drug exposure [news]. *Ohio Med* 1990; 86(1):14.
[Perinatal--news]

___ Marijuana and health: A report to Congress. *Am J Psychiatry* 1971; 128(2):
189-93. [Misc:Health*Marijuana]

___ Maternal substance use and neonatal drug withdrawal. *J Perinatol* 1988;
8(4):387-92. [Perinatal(Withdrawal)]

___ *Meeting the Challenge: A Report on the First State Program Applications
for Title V as Amended by OBRA '89*. Washington DC: Association of Maternal
and Child Health Programs; 1991. [Policy/Legal]

___ Perinatal toxicity of cocaine. *Med Lett Drugs Ther* 1988; 30(767):59-60.
[Review:Perinatal]

___ Prenatal abuse of licit and illicit drugs. *Ann N Y Acad Sci* 1989; 562:1-
388. [Review]

___ Progress toward achieving the 1990 national objectives for the misuse of
alcohol and drugs. *MMWR* 1990; 39(15):256-8. [Policy/Legal(progress toward
objectives)]

___ Statement on drug use in pregnancy: An urgent problem for New York City.
Committee on Public Health. The New York academy of Medicine. *Bull N Y Acad
Med* 1990; 66(2):193-7. [Policy/Legal(Statement on drug use)]

___ Statewide prevalence of cocaine in the perinatal period. *R I Med J* 1990;
73(6):272. [Epid*Cocaine]

___ Statewide prevalence of illicit drug use by pregnant women--Rhode Island
(erratum appears in *MMWR* 1990 Apr 27; 39(16):280). *MMWR* 1990; 39(14):225-7.
[Epid--Prevalence study of drug use in RI using urine screens on labor
admission]

___ Status of the 1990 objectives on misuse of alcohol and drugs. *MMWR*
1987(Nov 6); 36(43):720-3. [Policy/Legal(Status of 1990 objectives)]

___ The use and abuse of vitamin A. *Can Med Assoc J* 1971; 104(6): 521-2.
[Misc*Vitamin A abuse]

___ Times and mores extract morbid toll from youth [news]. *Hosp Pract [Off]*.
18(12): 80E, 80J, 80M, passim. [Child--News]

___ Urogenital anomalies in offspring of women using cocaine during early
pregnancy--Atlanta, 1968-1980. *MMWR* 1989; 38(31):536, 541-2.
[Perinatal(Malform)*Cocaine--Case control study, N = 9175 (4929 cases, 4246
controls, odds ratios calculated for cocaine vs no cocaine use)]

Substance Abuse and Pregnancy

___ *Women, Alcohol, and other Drugs and Pregnancy. National Council on Alcoholism and Drug Dependence Policy Statement.* Washington DC: NCADD; 1990. [Policy/Legal]

___ Women's health and rights gain media's and medicine's attention. *Hosp Ethics* 1991; 7(1):14-16. [Policy/Legal]

___ Zinc and fetal alcohol syndrome: Another dimension. *Nutr Rev* 1986; 44(11): 359-60. [Review:Perinatal(FAS, zinc deficiency)*Alcohol]

Abdeljaber M, Nolan BM, Schork MA. Maternal cocaine use during pregnancy: Effect on the newborn infant [letter, comment]. *Pediatr* 1990; 85(4):630. [Epid(Methodology, sample size issues)]

Abdul Ghani N, Eriksson M, Kristiansson B, et al. The influence of khat-chewing on birth-weight in full-term infants. *Soc Sci Med* 1987; 24(7): 625-7. [Perinatal*khat-chewing--Cohort comparison, N = 709(414 exposed, 295 not exposed)]

Abel EL. Prenatal effects of alcohol on growth: A brief overview. *Fed Proc* 1985; 44(7): 2318-22. [Review:Perinatal*Alcohol]

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Abel EL and Sokol RJ. Incidence of fetal alcohol syndrome and economic impact of FAS-related anomalies. *Drug Alcohol Depend* 1987; 19(1): 51-70. [Review:Perinatal(Econ impact)*Alcohol]

Abel EL and Sokol RJ. Maternal and fetal characteristics affecting alcohol's teratogenicity. *Neurobehav Toxicol Teratol* 1986; 8(4): 329-34. [Review:Maternal:Perinatal*Alcohol]

Abel EL. Marihuana and sex: A critical survey. *Drug Alcohol Depend* 1981; 8(1): 1-22. [Misc*Marijuana]

Abel EL. Effects of prenatal exposure to cannabinoids. *NIDA Res Monogr* 1985; 59:20-35. [Review:Perinatal*Marijuana]

Abel EL. Fetal alcohol syndrome: Behavioral teratology. *Psychol Bull* 1980; 87(1): 29-50. [Review:Perinatal*Alcohol]

Aberdeen Medical Group. Drunken drivers: What should doctors do? [Case Conference]. *J Med Ethics* 1986; 12(3): 151-55. [Policy/Legal*Alcohol]

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