



Article

Provision of E-Cigarettes for Smoking Cessation in Pregnancy: Perceptions and Experiences of Pregnant Women from Two UK Sites

Eleanor Lutman-White ¹, Riya Patel ², Lauren Bell ³, Deborah Lycett ¹, Kelly Hayward ⁴, Ruth Sampson ⁵, Janani Arulrajah ⁶ and Maxine Whelan ^{1*}

- ¹ Centre for Healthcare and Communities, Coventry University, Coventry CV1 5FB, UK; ad5406@coventry.ac.uk (E.L.-W.); lauren.bell@coventry.gov.uk (L.B.); ab5042@coventry.ac.uk (D.L.)
- ² Centre for Ethnic Health Research, NIHR Applied Research Collaborations-East Midlands (ARC-EM), University of Leicester, Leicester LE1 7RH, UK; rp526@leicester.ac.uk
- ³ Warwickshire Public Health Team, Warwick CV34 4UL, UK
- ⁴ Bath and North Somerset Public Health Team, Bristol BS21 1FS, UK
- * Correspondence: ad5094@coventry.ac.uk

Abstract: Introduction: Smoking in pregnancy is associated with negative health outcomes for both mothers and babies; e-cigarettes, which contain nicotine without hazardous tobacco, may offer an additional smoking cessation strategy for pregnant women. Although e-cigarettes are being increasingly offered within services, there is limited understanding about whether e-cigarettes can improve smoking cessation support for pregnant individuals. This study aimed to explore service users' experiences of using e-cigarettes as a tool for smoking cessation during pregnancy. Methods: Semi-structured interviews were conducted with 14 women who had accepted one of two pilots and were analysed using inductive reflexive thematic analysis. The findings from each site were integrated to develop qualitative insight. Results: Participants largely had positive perceptions of the free and easy-to-use e-cigarette, preferring it to nicotine replacement therapies. The desire to have a healthy pregnancy and baby and the inclusion of non-judgemental behavioural support facilitated motivation to quit. Many participants reduced or quit tobacco use, with positive social and health implications reported. However, numerous barriers to quitting were present and intentions about long-term quitting of combustible cigarettes and e-cigarettes were mixed and uncertain. Conclusions: Providing e-cigarettes within smoking cessation services was indicated to be a positive and effective strategy for pregnant women trying to quit tobacco. However, numerous barriers to quitting and staying quit remained, suggesting scope for further improvements to smoking cessation support for pregnant women.

Keywords: smoking cessation; e-cigarettes; pregnancy; qualitative

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1. Introduction

There are many recognised detrimental health effects associated with smoking tobacco during pregnancy, including preterm birth, foetal mortality, stillbirth, birth malformations (e.g., oral clefts), low birth weight, and sudden infant death syndrome [1]. Women who smoke during pregnancy may also experience negative moral judgements and stigma [2] and are more likely to have poorer mental wellbeing that can further impede smoking cessation [3]. In the United Kingdom (UK), 8.8% of women are currently smoking at the time of birth [4], with national targets to reduce this figure to 6% [5]. With around 600,000 live births in England and Wales in 2022 [6], there is an urgent need to improve uptake and engagement for smoking cessation programmes targeting pregnant women.

Smoking For Two Cigarettes And Pregnancy

Ian S. Zagon, Theodore A. Slotkin



Smoking For Two Cigarettes And Pregnancy:

Smoking for Two Peter A. Fried, Harry Oxorn, 1980 Presents all the facts about the harmful effects of smoking on the expectant mother and her baby *Smoking and Health Bulletin*, 1981 Annual cummulation issued as Bibliography on Smoking and Health 1988 *Learning Disabilities and Prenatal Risk* Michael Lewis, 1986 **Maternal Substance Abuse and the Developing Nervous System** Ian S. Zagon, Theodore A. Slotkin, 1992-08-24 The purpose of this book is to review the basic science and clinical findings concerning maternal substance abuse and the developing nervous system of unborn children The short term but vitally significant repercussions of such exposure on biological development with particular reference to the nervous system are discussed The book also discusses the profound influence of maternal substance abuse on behavior in adulthood which is caused by subtle changes in the chemistry or structure of the developing nervous system The subject will not only be of interest to clinical and basic science researchers and teachers in the field of maternal substance abuse but also to individuals in psychology social work cellular and molecular biology embryology neuroscience pharmacology and in clinical professions such as pediatrics neonatology and obstetrics The breadth of topics covered includes alcohol cocaine opiates nicotine benzodiazepines marijuana and the role of stress and hormones Emphasis is placed on the relationship of the effects of substance abuse on neurotrophic factors and receptors Shows how abused substances act directly or indirectly to mimic or influence the action of neurotrophic factors Explains that the transient expression of peptides neurotransmitters and receptors can be markedly disturbed by drugs Demonstrates that animal and tissue culture studies are consistent with clinical observations and important in understanding and ameliorating adverse actions of drugs in early life Hair Rules! Anthony Dickey, 2007-12-18 Kinky curly or wavy hair isn't problem hair it's just hair with a different set of rules For too long hairstylists and hair care companies have ignored the needs of women with kinky curly or wavy hair focusing on it as problem hair rather than celebrating its unique texture But now hair care and style expert A Dickey considered by top magazine beauty editors to be the foremost authority on caring for cutting and styling curly hair has written Hair Rules to end the frustration faced by women with curly hair every day Hair Rules is chock full of simple tips for all types of curly hair and covers everything from the best shampoos and conditioners to use to damage free hair drying dust off that hood dryer the use of natural oils and the safest coloring styling and chemical relaxing techniques as well as guidelines for maintaining healthy gorgeous hair My mission writes Dickey is simple to advise and encourage all women with nonstraight hair to strive to attain their beauty whatever their ethnicity and whatever their tastes Directory, On-going Research in Smoking and Health, **Fertility and Sterility**, 1986-10 **Readings in Developmental Psychology** Mary Louise Courage, Mary Courage, 1988 **Handbook of Nonpathologic Variations in Human Blood Constituents** Richard W. Richardson, 1994-06-21 This book brings together information currently scattered throughout the medical and scientific literature about non pathological changes in the concentration of blood constituents The author discusses these variations

which may be statistical methodological physiological age related alcohol related or due to smoking or drug use These are important variations and must be taken into account by clinicians when interpreting laboratory results The handbook offers a quantitative account of variation in the concentration of blood constituents with recommendations for international units of measurement reference interval determination and selection of reference subjects This helpful guide includes more than 1 500 references covering the whole period of development of clinical chemistry and provides an important historical perspective Previously unpublished results from the author s laboratory are also included for healthy subjects of different sex and age as well as the distribution of serum bilirubin obtained from over 3 000 hospital staff members

Smoking & Reproduction An Annot Bibl Ernest L. Abel,1984-03-26 References to journal articles that are considered important in reporting on smoking and its effects on the fetus Also includes foreign language titles Topical arrangement Each entry gives bibliographical information and annotation Author index

Directory of On-going Research in Smoking and Health,1980 The Directory contains research resumes from the U S and other countries

Subject Catalog, 1981 Library of Congress,1981

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