

## ACTA OVERVIEW

B4: Portions of this document are withheld due to copyright laws.

# Non-cigarette tobacco use among women and adverse pregnancy outcomes

LUCINDA J. ENGLAND<sup>1</sup>, SHIN Y. KIM<sup>1</sup>, SCOTT L TOMAR<sup>2</sup>, CECILY S RAY<sup>3</sup>,  
PRAKASH C. GUPTA<sup>3</sup>, THOMAS EISSENBERG<sup>4</sup>, SVEN CNATTINGIUS<sup>5</sup>,  
JOHN T. BERNERT<sup>6</sup>, ALAN THEVENET N. TITA<sup>7</sup>, DEBORAH M. WINN<sup>8</sup>,  
MIRJANA V. DJORDJEVIC<sup>8</sup>, MATS LAMBE<sup>9</sup>, DAVID STAMILIO<sup>10</sup>,  
TSUNGAI CHIPATO<sup>11,12</sup> & JORGE E. TOLOSA<sup>12,13</sup>

<sup>1</sup>Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta, Georgia, USA, <sup>2</sup>Department of Community Dentistry and Behavioral Science, University of Florida College of Dentistry, Gainesville, Florida, USA, <sup>3</sup>Healis-Sekhsaria Institute for Public Health, Navi Mumbai, India, <sup>4</sup>Department of Psychology and Institute for Drug and Alcohol Studies, Virginia Commonwealth University, Richmond, Virginia, <sup>5</sup>Clinical Epidemiology Unit, Department of Medicine, Karolinska University Hospital, Karolinska Institute, Stockholm, Sweden, <sup>6</sup>Division of Laboratory Sciences, National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, Georgia, USA, <sup>7</sup>Center for Women's Reproductive Health, Department of Obstetrics and Gynecology, University of Alabama at Birmingham, Birmingham, Alabama, USA, <sup>8</sup>Division of Cancer Control and Population Sciences, National Cancer Institute, Bethesda, Maryland, USA, <sup>9</sup>Department of Medical Epidemiology and Biostatistics, Karolinska Institute, Stockholm, Sweden, <sup>10</sup>Department of Obstetrics and Gynecology, Washington University School of Medicine, St. Louis University, St. Louis, Missouri, USA, <sup>11</sup>Department of Obstetrics and Gynecology, University of Zimbabwe College of Health Sciences, Harare, Zimbabwe, <sup>12</sup>Global Network for Perinatal and Reproductive Health, Portland, Oregon, USA, and <sup>13</sup>Department of Obstetrics and Gynecology, Oregon Health and Science University, Portland, Oregon, USA

(b) (4)

Correspondence: Lucinda J England, Centers for Disease Control and Prevention, 4770 Buford Highway NE, MS K-23 Atlanta, Georgia, 30030, USA.  
E-mail: lbe9@cdc.gov

(Received 13 November 2009; accepted 5 January 2010).

ISSN 0001-6349 print/ISSN 1600-0412 online © 2010 Informa UK Ltd. (Informa Healthcare, Taylor & Francis AS)  
DOI: 10.3109/00016341003605719