

# Impact of interventions to prevent and manage preeclampsia and eclampsia on stillbirths

For the Evidence-based Clinical Practice Committee, American College of Obstetricians and Gynecologists\*

**Background:** Preeclampsia and its complications are associated with increased rates of stillbirth. The evidence base for interventions to prevent or manage preeclampsia and its complications is limited.

**Methods:** A systematic review was conducted and evidence tables were developed. The evidence tables include the following information: intervention, study design, study population, outcome, and key findings. The evidence tables are available at [www.acog.org](http://www.acog.org).



C ( - ) I<sup>2</sup> 444 A ( - 0.10)  
 I<sup>2</sup> 444 50% I  
 444 444, 444  
 444

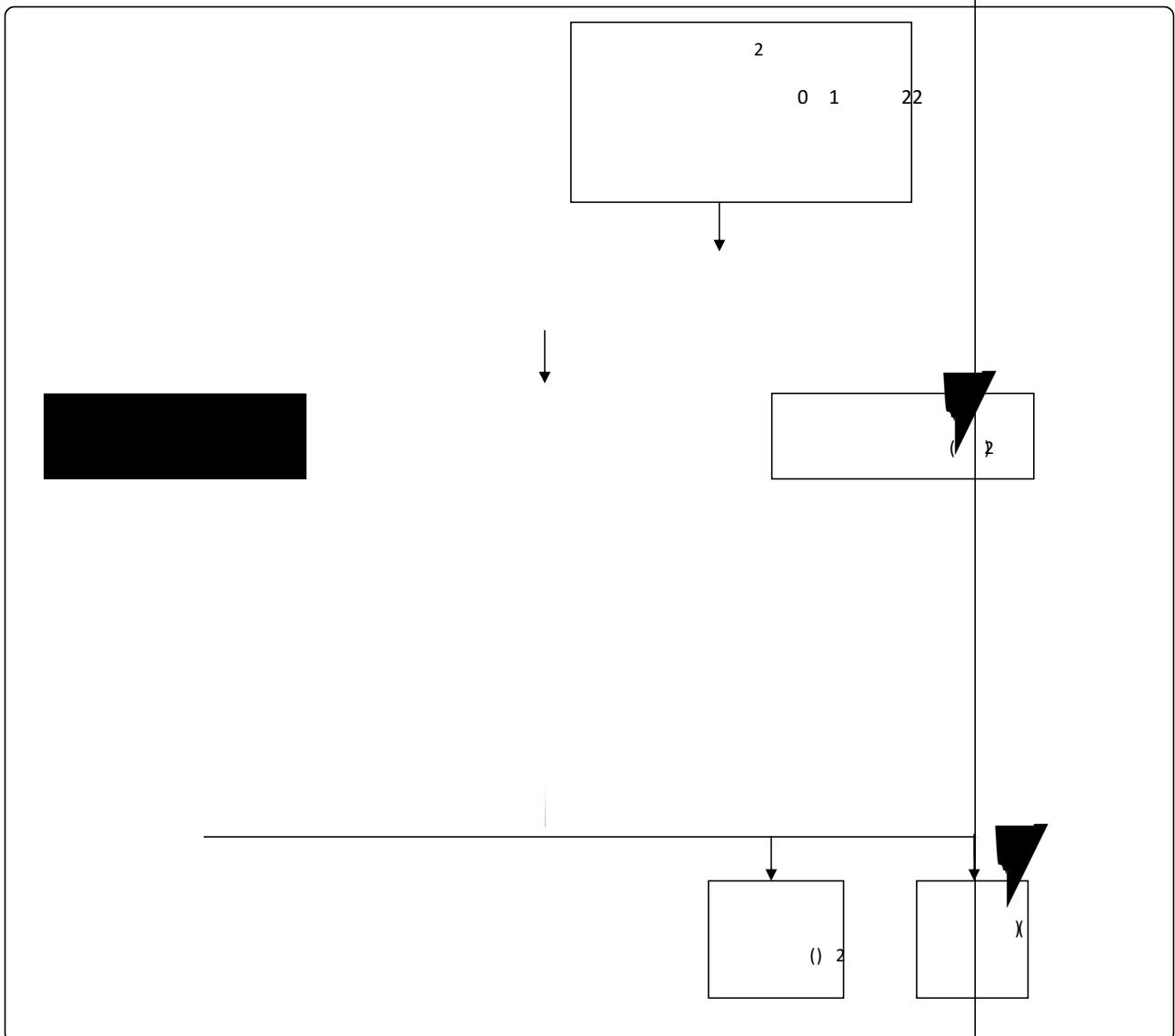
2069 444, 444  
 1022 444, 444  
 L (F 1). A M C  
 444, 121 444, 444  
 444, 82 444  
 A 444, A 444, 444  
 444, 444, 444  
 A F 1. I 444, 1, 2, 3, 4, 444  
 444, 444, 444  
 444

#### Aspirin in high-risk pregnancy

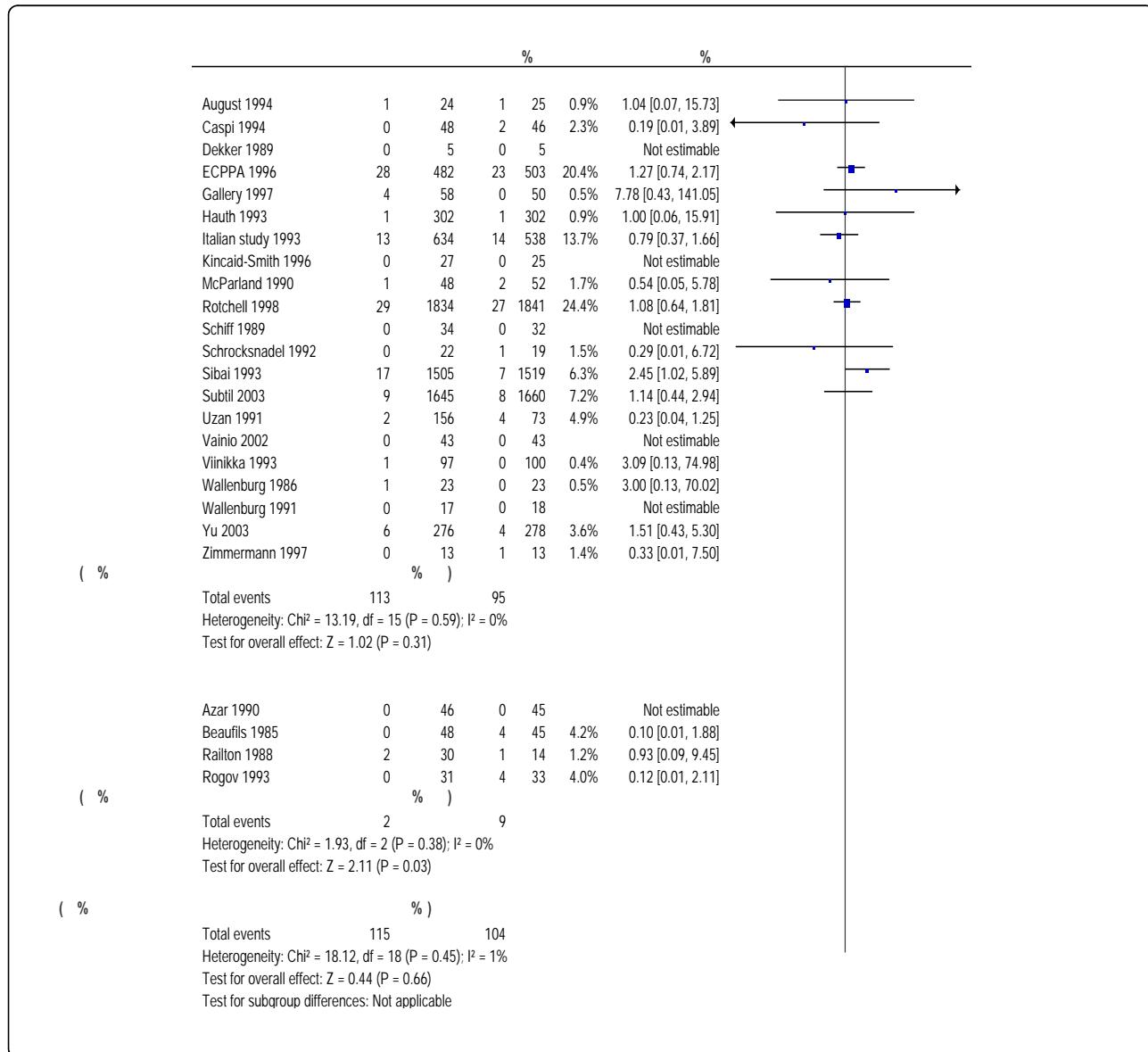
444, 444, 21 444  
 444, 444, 444, 444, 444  
 1,4,9,12,13,15-19,27-37 3 444, 444  
 444, 444, 444, 444  
 38-40 . A 444, 13 444, 444, 444  
 1,4,15,17,27,29,31,33,35,36,39,41-43 ( = 1).  
 444, 444, 444, 444  
 444, 444, 444, 444 ( = 1.15; 95% CI: 0.88 1.49)  
 (F 2). C 444, 444, 444  
 444, 444, 444 ( = 1.06;  
 95% CI: 0.82 1.37).

#### Calcium supplementation in low-intake population

444, 444, 444, 444  
 3 444, 444, 444, 444, 55-57  
 444, 444, 444, 444, 444  
 ( = 2). 444, 444, 444, 444  
 444, 444, 444, 444, 444  
 444, 444, 19%, 444, 444  
 444, 444, 444 ( = 0.81, 95 % CI 0.63-1.03)  
 (F 3). 444, 444, 444, 444  
 444, 444, 444













44. *Chiu C, et al. (1994) Lancet 343:619-623.*  
CLASP: a randomised trial of low-dose aspirin for the prevention and treatment of pre-eclampsia among 9364 pregnant women. *Lancet* 1994, 343(8898):619-629.
45. *Uttley A, et al. (1993) Lancet 342:183-186.*  
Low-dose aspirin in the prevention of pre-eclampsia: current evaluation. *Lancet* 1993, 342(8875):183-186.
46. *Uttley A, et al. (1993) Lancet 342:186-189.*  
A randomized controlled trial of aspirin in patients with abnormal uterine artery blood flow. *Lancet* 1993, 342(8875):186-189.

- term: a randomized, double-blind, placebo-controlled trial. *A JOG* 1997, 176(3):623-627.
87. *... : Expectant management in severe preeclampsia: does magnesium sulfate prevent the development of eclampsia? A JOG* 1995, 74(3):181-185.
88. *... : Stillbirths in the United States: 3.2 million stillbirths: epidemiology and overview of the evidence review. BMC P H* 2009, 9(Suppl 1): 2.
89. *... : Pre-eclampsia in the first pregnancy and subsequent risk of stillbirth in black and white gravidas. Erratum in: *Ergonomics in Design* 2010, 149(2):165-169.* *Ergonomics in Design* 2010, 149(2):165-169.
90. *... : The risk of adverse pregnancy outcomes is increased in preeclamptic women who smoke compared with nonpreeclamptic women who do not smoke. A JOG* 2010, 203(4):334-338.
91. *... : Analysis of stillbirths in a Nigerian mission hospital. Nig Q J Health* 2009, 19(1):27-31.
92. *... : Obstetric causes of stillbirth at low socioeconomic settings. J P M A* 2009, 59(11):744-747.

doi:10.1186/1471-2458-11-S3-S6

Cite this article as: Jabeen et al.: Impact of interventions to prevent and manage preeclampsia and eclampsia on stillbirths. *BMC P H* 2011 11( Suppl 3): 6.

**Submit your next manuscript to BioMed Central and take full advantage of:**

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at  
[www.biomedcentral.com/submit](http://www.biomedcentral.com/submit)

