

All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

Books

Search

for

[Save Search](#)

Limits

Preview/Index

History

Clipboard

Details

Display

Show

All: 1

Review: 0

**NEW** PubMed can now automatically show related articles. [Try it!](#)1: [BJOG](#). 2005 Jan;112(1):31-7.[Related Articles, Links](#)**Association between congenital toxoplasmosis and preterm birth, low birthweight and small for gestational age birth.**[Freeman K](#), [Oakley L](#), [Pollak A](#), [Buffolano W](#), [Petersen E](#), [Semprini AE](#), [Salt A](#), [Gilbert R](#); [European Multicentre Study on Congenital Toxoplasmosis](#).

Albert Einstein College of Medicine, Bronx, NY, USA.

OBJECTIVE: To determine the association between congenital toxoplasmosis and preterm birth, low birthweight and small for gestational age birth. **DESIGN:** Multicentre prospective cohort study. **SETTING:** Ten European centres offering prenatal screening for toxoplasmosis. **POPULATION:** Deliveries after 23 weeks of gestation in 386 women with singleton pregnancies who seroconverted to toxoplasma infection before 20 weeks of gestation. Deliveries after 36 weeks in 234 women who seroconverted at 20 weeks or later, and tested positive before 37 weeks. **METHODS:** Comparison of infected and uninfected births, adjusted for parity and country of birth. **MAIN OUTCOME MEASURES:** Differences in gestational age at birth, birthweight and birthweight centile. **RESULTS:** Infected babies were born or delivered earlier than uninfected babies: the mean difference for seroconverters before 20 weeks was -5.4 days (95% CI: -1.4, -9.4), and at 20 weeks or more, -2.6 days (95% CI: -0.5, -4.7). Congenital infection was associated with an increased risk of preterm delivery when seroconversion occurred before 20 weeks (OR 4.71; 95% CI: 2.03, 10.9). No significant differences were detected for birthweight or birthweight centile. **CONCLUSION:** Babies with congenital toxoplasmosis were born earlier than uninfected babies but the mechanism leading to shorter length of gestation is unknown. Congenital infection could precipitate early delivery or prompt caesarean section or induction of delivery. We found no evidence for a significant association between congenital toxoplasmosis and reduced birthweight or small for gestational age birth.

Publication Types:

- [Multicenter Study](#)

PMID: 15663394 [PubMed - indexed for MEDLINE]

Display

Show

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Jun 21 2006 12:14:26