Maternal Asthma Tied to Risk of Preeclampsia, Prematurity

New Orleans — Maternal asthma has a significant effect on several adverse pregnancy outcomes including preeclampsia, preterm delivery, and low birth weight, based on a meta-analysis of 30 studies.

Pregnant asthmatic women have been reported to receive less prenatal care, but the impact of maternal asthma on the relationship between cervical length and preterm birth at less than 24 weeks, cervical length was a significant predictor of preterm birth in women with a U-shaped funnel and 34.7 weeks for women with a V-shaped funnel if no cerclage.

Major Finding: High-risk women with a U-shaped cervical funnel gave birth significantly earlier at 31.8 weeks’ gestation, versus 34.6 weeks for women with a V-shaped funnel and 34.7 weeks for those with no funnel.

Data Source: Secondary analysis of 301 women in the Vaginal Ultrasound Cerclage Trial.

Disclosures: The study was funded by the National Institute of Child Health and Human Development. Dr. Mancuso disclosed no conflicts of interest.