

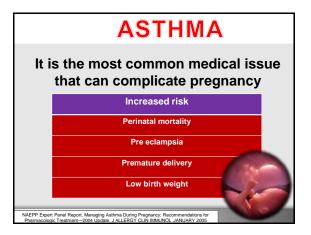
Gender difference, sex hormones, and immediate type hypersensitivity reactions

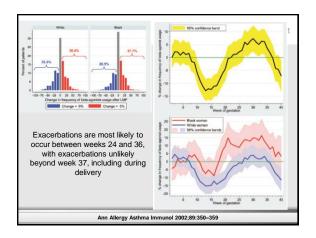
The course of allergic diseases varies unpredictably during pregnancy

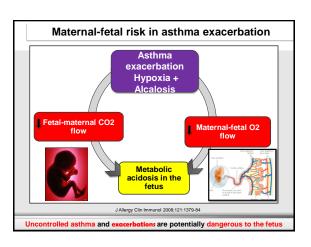
Estrogens effects on mast cell activation and allergic sensitization

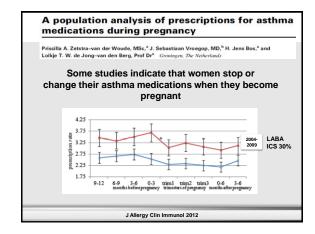
Progesterone is shown to suppress histamine release but potentiate IgE induction

Chen W. et al. Allergy. 2008 Nov:63(11):1418-27.









\* Asthma is considered the most common serious medical problem that could complicate pregnancy

\* During pregnancy the severity of asthma often changes.

\* During pregnancy the severity of asthma often changes.

\* The focus of asthma treatment in pregnant women is achieve the control of symptoms and maintenance of normal lung function.

\* Poorly controlled of asthma resulting in increased perinatal mortality, increased prematurity and low birth weight.

\* Acute exacerbations should be treatment aggressively in order to avoid fetal hypoxia. Treatment should include supplement oxygen, β-2 aggorist and systemic corticosteroids.

\* The evidence suggests that the risks of uncontrolled asthma are greater than any known risks from medication.

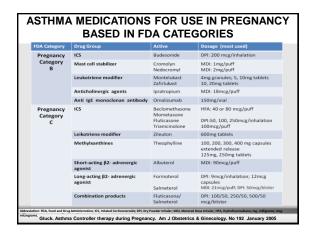
Asthma diagnosts and recomment

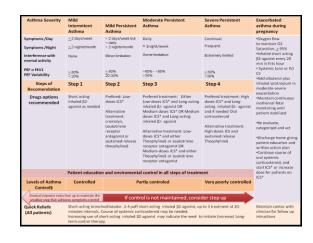
NATIONAL HEART, LUNG, AND BLOOD INSTITUTE NATIONAL ASTHMA EDUCATION AND PREVENTION PROGRAM ASTHMA AND PREGNANCY WORKING GROUP

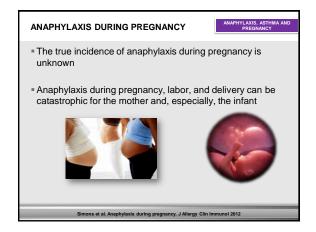
QUICK REFERENCE
NAEPP EXPERT PANEL REPORT
Managing Asthma During Pregnancy:

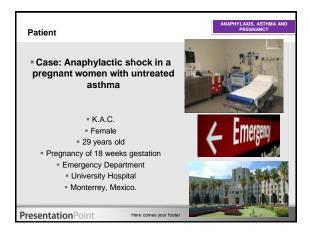
Pharmacologic therapy using stepwise approach to achieve full control of symptoms and maintenance of pulmonary function.

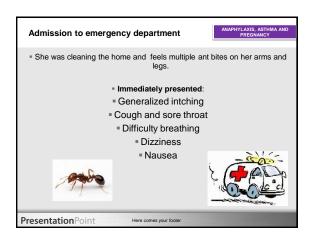
J Allergy Clin Immunol 2005;115:3446.

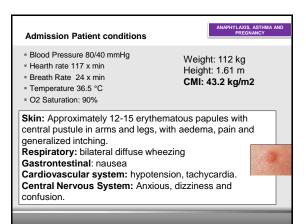


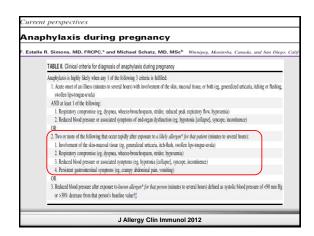


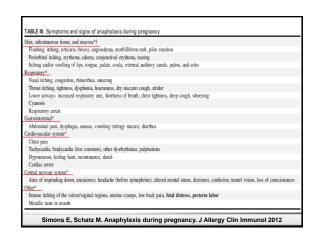


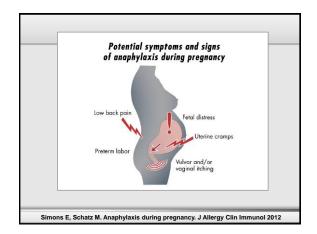


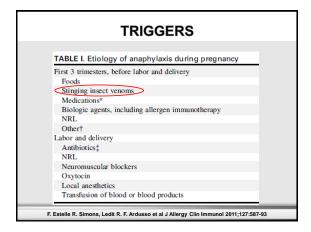


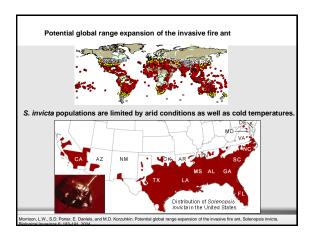


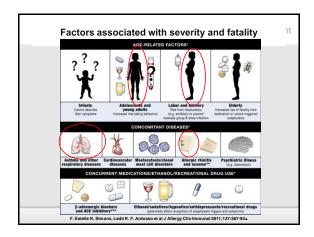


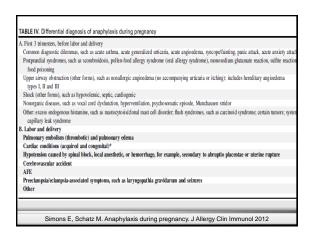


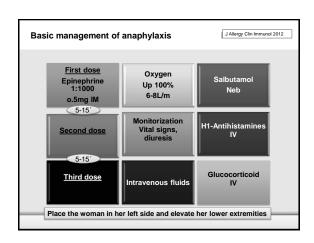


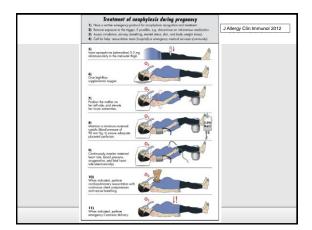


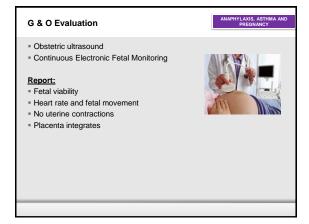


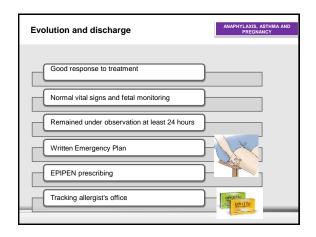


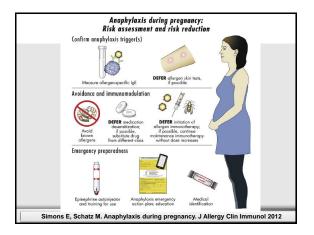












## Conclusions

ANAPHYLAXIS, ASTHMA AND PREGNANCY

- Asthma is considered the most common serious medical problem that could complicate pregnancy
- Anaphylaxis during pregnancy, labor, and delivery can be catastrophic for the mother and, especially, the infant.
- Allergy/immunology specialists should play an important role in the prevention of anaphylaxis and asthma in pregnancy
- Prospective interdisciplinary studies of anaphylaxis and asthma during pregnancy are needed.