

# The Gravity of Preeclampsia

## United States

**16%** of maternal deaths are due to preeclampsia<sup>1</sup>

**10,500** babies die as a result of preeclampsia each year<sup>2</sup>

Incidence has increased by **25%** in the last 20 years<sup>3</sup>

## Worldwide

Preeclampsia affects **5–8%** of pregnancies<sup>1</sup>

Preeclampsia/eclampsia is one of the **top 3** causes of maternal morbidity and mortality<sup>4</sup>

**10–15%** of maternal deaths are due to preeclampsia/eclampsia<sup>5</sup>

## The problem with preeclampsia is failure to diagnose accurately

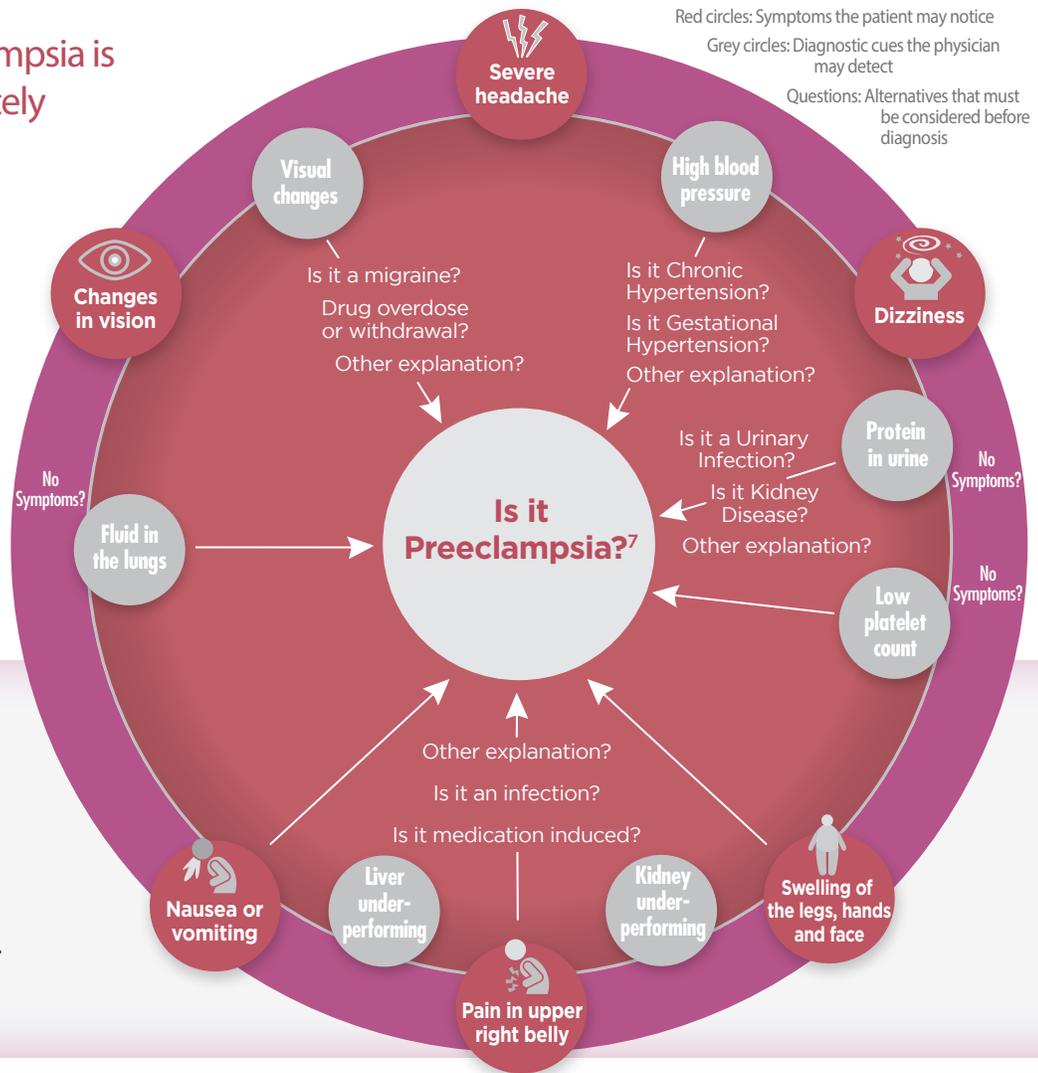
Preeclampsia is a pregnancy-specific hypertensive disease, appearing after 20 weeks of gestation, often near-term.<sup>7</sup> Hypertension and proteinuria are the classic defining symptoms of preeclampsia, but other symptoms are considered in the diagnosis. The challenge in diagnosis is that these symptoms are not specific to preeclampsia.

### Patient Example:

Katie,\* 37, is 24 weeks pregnant with her second child. Her blood pressure is usually 130/80 but was 140/90 at her most recent prenatal visit. Her urine protein is normal but she has recently complained of some blurred vision and headaches.

**Is this preeclampsia?**

\*Not actual patient



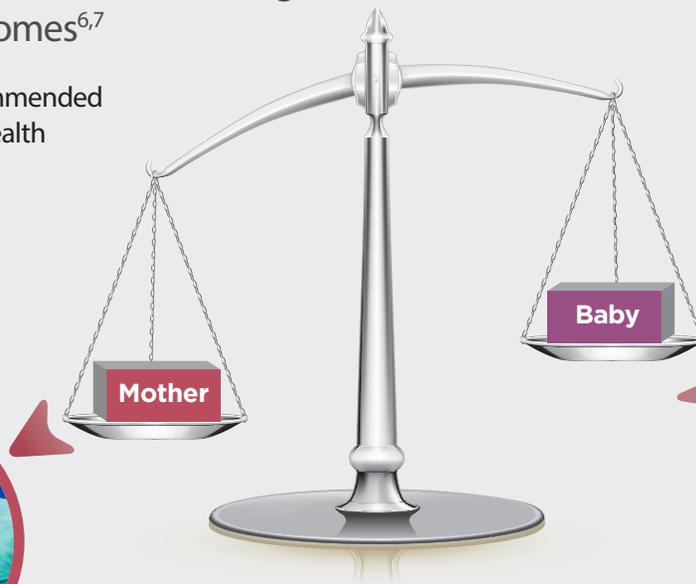
## What is **GESTVISION™** doing about this?

GestVision is committed to securing safer pregnancies. Our aim is to address the unmet medical needs in women's health by bringing forth premium products based on robust scientific discoveries.

Making the right decision at the right time increases the likelihood of positive outcomes<sup>6,7</sup>

Early delivery is recommended when the mother's health is at risk.

- Risk of:
- Seizures
  - Organ failure
  - Death



Early delivery increases health risks for the baby.

- Risk of:
- Prematurity
  - Lifelong health issues
  - Death



## Preeclampsia Risk Factors<sup>7</sup>

- First pregnancy
- Previous preeclamptic pregnancy
- History of chronic high blood pressure and/or kidney disease
- Increased clotting tendency
- Multifetal pregnancy (eg, twins, triplets)
- *In vitro* fertilization
- Family history of preeclampsia
- Diabetes
- Obesity
- Lupus
- Age >40 years



## The Physician's Dilemma

- Because preeclampsia presents differently in every patient, diagnosis and management are a challenge even for the most seasoned practitioners<sup>8</sup>
- Although the only effective cure for preeclampsia is delivery, proper patient management can improve outcomes for both mother and baby<sup>6</sup>
- There is currently no reliable, cost-effective diagnostic test for preeclampsia.<sup>9</sup> Diagnosis is based solely on symptoms that are not necessarily specific to preeclampsia. GestVision is working to provide a diagnostic solution so that smarter decisions can be made, leading to better outcomes.

### References:

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