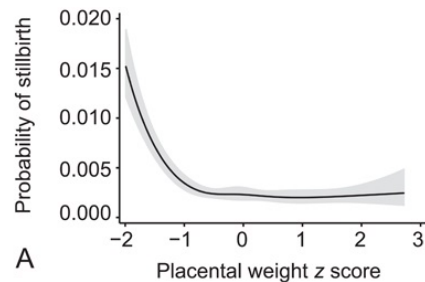


5 FAST FACTS ABOUT MEASURING THE PLACENTA

1 A small placenta is a risk factor for stillbirth

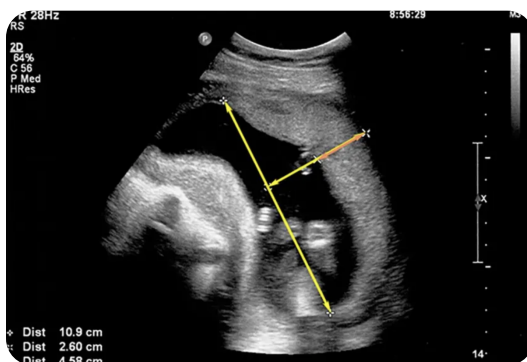
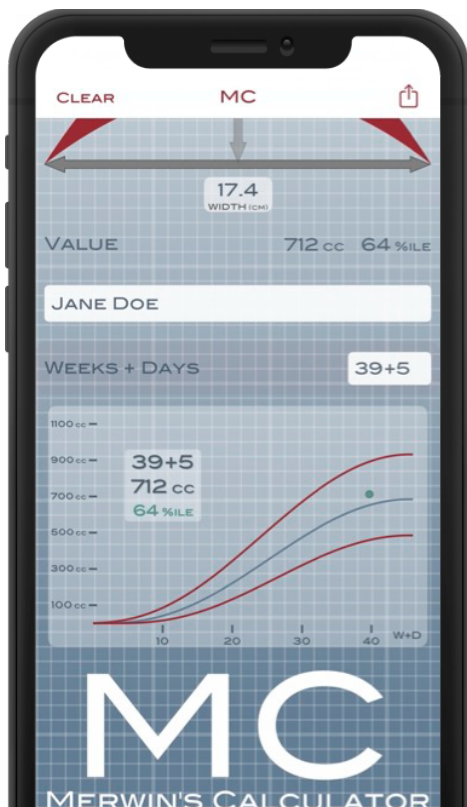
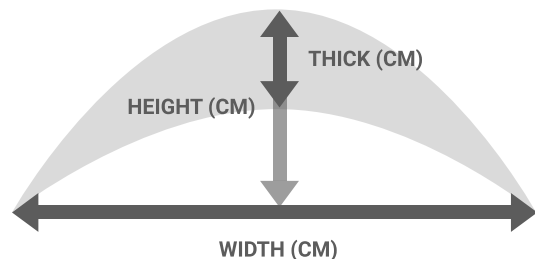
About 4,000 babies are stillborn each year in the US due to undetected small placentas, many **at or near full term**.



Source: Hutcheon, Jennifer A., et al. "Placental weight for gestational age and adverse perinatal outcomes." *Obstetrics & Gynecology* 119.6 (2012):1251-1258.

2 Placenta size CAN be measured during pregnancy

Estimated Placental Volume (EPV) consists of three measurements. It is quick and simple to measure during a standard 2D ultrasound.



The free Merwin's Calculator app, available for Android & iPhone, translates these measurements to placenta size percentile for gestational age.

Much more info & research can be found at:
<https://medicine.yale.edu/obgyn/kliman/placenta/epv/>

3 Measuring a baby's size is NOT a sufficient substitute for measuring placenta size

- **Babies of any size** can have a small placenta.
- Large babies with a mismatched (small) placenta size can outgrow their placenta.
- This risk factor increases **toward the end of pregnancy** when babies grow fast relative to their placenta.

A small placenta is a risk factor for stillbirth.

Measure. Identify. Prevent.

4 Placenta volume measurements can help determine if a baby should be monitored more closely

- A baby with a small placenta (<10th percentile) is a good candidate for higher levels of monitoring, especially late in pregnancy.
- Multiple factors should be considered to determine the best time for a baby to be born, including **gestational age, health of the mother and baby, standard risk factors, and placenta size.**



5 Estimated Placental Volume training is available

Providers can email **Dr. Harvey Kliman** at Yale University to request **EPV training** or to ask any other questions:

harvey.kliman@yale.edu

For more info:

medicine.yale.edu/obgyn/kliman/placenta/epv/

www.measuretheplacenta.org/faq



MeasureThePlacenta.org



www.pushpregnancy.org/epv

