

## **Uterine artery Doppler for placental and cord dysmorphology and subchorionic hematomas SCH**

Placental and cord dysmorphology and subchorionic hematomas confer increased risk for impaired placentation and placenta related adverse obstetrical outcomes necessitating uterine arterial spectral Doppler to complete and optimize risk assessment.

\_ impaired placentation represents a maldevelopment of maternal vascular supply and loss of integrity resulting in superficial implantation and migration disorders.

\_ superficial implantation and migration disorders result in 1 or several patterns of placental disc dysmorphology including - previa, bilobed / succenturiate lobes, circumvallate placentation, marginal / velamentous cord insertion and / or clinically silent low-pressure venous abruptions.

\_ low-pressure venous abruptions manifest as preplacental and / or periplacental hematomas - complex fluid collections and multiple large / bizarre lacunae.

\*Placental pathology: a systematic approach with clinical correlations. Redline. Placenta 29. Supplement A. Trophoblast Research, Vol. 22 (2008 ) S86-S91