

Additional file 1. Patient enrollment exclusion criteria

Exclusion Criteria:

1. Clinical judgment that determines that the pregnancy is at high risk for complications Any of the following high risk factors would disqualify the mother for the study:
 - i. 37 years of age or greater
 - ii. Severe hypertension (>160/110)
 - iii. Possible ectopic
 - iv. Congenital adrenal hypertension
 - v. Prior PE/DVT/stroke
 - vi. Anticoagulation during prior pregnancy (e.g. antiphospholipid antibody syndrome)
 - vii. Prosthetic heart valve (non-bio)
 - viii. Pulmonary hypertension
 - ix. Mothers currently taking Immunosuppressant's, Prednisone > 10mg per day, antipsychotic (e.g. lithium, Haldol, Zyprexa), chemotherapy
 - x. Recurrent pregnancy loss (>2 losses)
 - xi. Current maternal malignancy
 - xii. Prior myocardial infarction/cardiomyopathy
 - xiii. Bio-prosthetic heart valves
 - xiv. Marfan syndrome
 - xv. Active liver disease (e.g. hepatitis)
 - xvi. Congenital heart disease
 - xvii. Coagulopathies including thrombophilias and bleeding disorders.
 - xviii. Pre-existing diabetes
 - xix. Genetic disease/CF testing/anomalies in prior child
 - xx. Incompetent cervix (prior cerclage)
 - xxi. Twins, Triplets or quads diagnosed by REI or ultrasound.
 - xxii. Isoimmunization (Rh, Kell, etc.)
 - xxiii. History of transplant or currently on Dialysis
 - xxiv. Recurrent pregnancy loss (antiphospholipid antibody syndrome or collagen vascular disease)
 - xxv. Chronic hypertension
 - xxvi. Prior 2nd or 3rd trimester loss
 - xxvii. HIV
 - xxviii. Inflammatory bowel disease
 - xxix. Asthma and currently on steroid to control disease