

ELIGIBILITY

RCT – INCLUSION CRITERIA

RCT A

- AF without hydrops

RCT B

- SVT without hydrops

RCT C

- SVT with hydrops

REGISTRY – INCLUSION CRITERIA

- AF with or without hydrops
- SVT with or without hydrops

Tachyarrhythmia that is significant enough to justify immediate treatment

Singleton Pregnancy, Gestational age <36 0/7 weeks & Untreated at time of enrolment

Healthy mother with ± normal pre-treatment cardiovascular findings

Maternal resting heart rate ≥ 50 bpm

Maternal systolic BP ≥ 85 mm Hg

RCT - EXCLUSION CRITERIA

REGISTRY - EXCLUSION CRITERIA

Maternal-fetal conditions associated with high odds of premature delivery and/or death

Any relevant preexisting maternal heart condition

History of significant maternal obstructive airway disease including asthma

Current therapy with antiarrhythmic drugs or pentamidine

Serum potassium level <3.3 mmol/L (<3.3 mEq/L)

Ionized serum calcium level of <1 mmol/L (<4 mg/dL) or total serum calcium level <2mmol/L (<8mg/dL)

Serum creatinine level > 97.2 µmol/L (>1.1 mg/dL)

SCREENING & ELIGIBILITY

- Patients are identified in clinic and standard assessments of arrhythmia will allow sites to determine if patient is suitable for study
- Introduce study with a Brochure
- Informed consent process (answer all questions and allow patient enough time)
- Eligibility assessment (Results and conversations documented, form filled out)
- Enrolment & Randomization (in REDCap)