Manuscript #327

1. Title: SERUM POTASSIUM AND CARDIAC MECHANICAL FUNCTION

2. Writing Group:
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3. Timeline:
   V1 and V2 serum electrolytes are available. Echo data is being collected in visit 3. When the echo data is released for analysis, the analysis can be started.

4. Rationale:
   Young and associates have shown in dogs and humans that a reduction in plasma K of approximately 1mM is associated with impairment of cardiac mechanical function.

5. Main Hypothesis:
   Test the hypothesis that serum potassium is inversely associated with measures of cardiac function measured by doppler and echocardiography.

6. Data (variables, time window, source, inclusions/exclusions):
   V1, V2, V3 serum electrolytes and V3 echo and doppler measures of cardiac function (such as left ventricular filling and ejection fractions).