Manuscript #326

1. Title:
Serum Potassium and Hemostasis

2. Writing Group (list individual with lead first):
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3. Timeline:
V1 and V2 variables are available now so analysis can start as soon as approved.

4. Rationale:
Lin and Young have published evidence that reduction in potassium concentration ex vivo raised human platelet sensitivity to thrombin and ADP, while elevation of potassium in vivo inhibited thrombus formation in the coronary artery of the dog and the carotid artery of the rabbit. These findings suggest that potassium serum concentration is inversely associated with factors favoring coagulation.

5. Main Hypothesis:
Serum potassium is inversely associated with hemostatic variables favoring coagulation.

6. Data (variables, time window, source, inclusions/exclusions):
Serum electrolytes and hemostasis variables, V1 & V2 data