GEN65 - Impact of the implementation of an imaging core lab for measuring the aorta in GenTAC, a national registry of genetically-related diseases of the aorta.

OBJECTIVE: To compare analysis of echo, CT and MRI performed on a purely clinical basis at the enrolling centers to a research-oriented analysis at an imaging Core Lab.

ORGANIZATION

Lead Investigator:	Federico M Asch, MD
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Funding Source:	GenTAC

BACKGROUND AND RATIONALE

While aortic measurements are of critical clinical significance in patients with aortic aneurysms, standardization on the procedures for performance of such measurements is lacking. The GenTAC registry provides a unique opportunity to better understand and characterize these discrepancies and to assess the impact of centralized image reading by a core laboratory.

DESIGN

Inclusion criteria:
- Subjects who have an image at the Icore and who have a form 4 completed.

Methods
- The investigators will explore if measurements at enrolling centers and Icore are similar (or dissimilar)
- A reproducibility analysis by paired comparison of each measurement, by intraclass correlation coefficient (ICC) and by Bland-Altman analysis.

Samples:
- None

Data:
- Image data

CONCLUSIONS

Results:
- *Abstract submitted to ACC 2014.*