Data Harmonization & Preliminary Analysis for a Pooling Project of 7 Completed Alliance Trials

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Prevention Committee Meeting

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Presentation Objective

- Present final progress update of Junior Faculty Award

Junior Faculty Award

- Protected time for mentorship from Dr. Marshall

- Didactic learning (SAS Course)

- Research project

  - Retrieve de-identified data from existing datasets

  - Harmonize variables (smoking, outcomes, treatment, timing of assessments, covariates)

  - Create a data dictionary

  - Conduct preliminary descriptive analysis of the pooled dataset

  - Draft analytic protocol for larger pooling project

Task Completion

Task	Completed?
Complete Alliance data sharing form	✓
Obtain IRB exemption from Battelle	✓
Complete SAS course	✓
Assess feasibility of proposed datasets	✓
Identify additional Alliance datasets	✓
Obtain de-identified datasets	✓
Identify additional non-Alliance datasets	✓
Develop manuscript for publication	✓
Submitted final progress report	✓

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Status of Manuscript

- Submitted to *Journal of Clinical Oncology* 3/30/2016
  - Decision: Reject

- Submitted to *Cancer* early May 2016

Next Steps

- Publish manuscript

- Push for cancer clinical trials to incorporate the NCI-AACR Cancer Patient Tobacco Use Assessment Task Force's recommended "Core" and "Extension" assessment items at initial and follow-up time points

- Use lessons learned from this project in future pooled analyses of the association between smoking, patient characteristics, and clinical outcomes in lung cancer clinical trials

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Conclusion

Thank you for your support!