Fills per year (90 day supply?) – Not broken out by days of supply

Also not broken out by only those that are filled

Could we look at before and after for the cases? Separate from the Case/Control look at the data

Once a person has the hypoglycemic event, they make be take off sulf

Comorbidities impact on the outcome

What is contained in the first GWAS that Yan was talking about? Determine if there are hypoglycemic events that are associated with specific SNPs.

Do the GWAS with the most power possible

Case and Control – comparable risk of the outcome, not worried about the medication yet

Logistic regression – what covariates: Age, Sex and PCs

Mediated by what?

Combine race/ethnicity in the overall plan or separate? Sample size is too small?

Problem with analysis of X chromosome (or sex chromosomes) – this is a separate project, right?

RPG – outpatient measurement - glucose Random plasma glucose

Glucose measurement or a visit after MVP enrollment

Misclassification because their information is outside of the VA – mostly because of controls

Brian has the definition of Case/Control (or maybe even Lauren) – B13 to E13

Stratified by ancestry? Ancestry – Age, Sex and PCs

Data Table that Brian has made – if numbers are really low for African Ancestry, 15% has African Ancestry.

Additive genetic model

Prespecify secondary analysis - < hba1c less than 7 (u-shaped) – plan for this (stratify at median value for cases/controls) – clinical things to think about

Also drug analysis.

What drug, what a1c, what renal function?

5 or more GWAS significant hits, we would use this in the secondary analysis

If we see nothing, it just might be too simple – we may have not considered unmeasured confounders

What the distribution of variance should be…heterogeneity not included in analysis – whether we are missing something due to subgroups

Age at enrollment – since no event for controls (Diagnosis can be very grey because of when the person was seen…probably related to T1D vs T2D) – modi diabetes

Montview and Wheeling st corner (need to get a key to that building) – Bldg P

Pam Rice – Vice Chief of Research at RVA, Robert Keith

Prob on Thurs and Friday – at cubicles – Mon-Wed (pick a half day to be at cubicle in the next couple of weeks)