**Step 1: Compute descriptive statistics (Table 1).**

1. Re-compute Table 1 to provide descriptive information on all model variables (see excel sheet and sequential models below for list of covariates), according to abuse type. i) No inferential analyses presented on this Table 1.

ii) Footnote for Table 1: For the purposes of providing the percentage of women who reported each chronic disease variable, we will only use data from the subset of women whose WHI baseline and analysis baseline coincide.

iii) Footnote for Table 1: Data presented for women who had any sexual activity with a partner in the previous year and had a known abuse status. Individual group n’s are not mutually exclusive.

**Step 2: Compute odds of sexual satisfaction (Table 2).**

1. Conduct adjusted models to examine cross-sectional odds of sexual satisfaction (Global/frequency), with sequential modeling as described below. Use multiple imputation to account for the missingness of chronic disease information. Sequential modeling as follows:

**Model 1 (*Sociodemographics*):**

Age

Race & Ethnicity

Education

Income

Marital Status

WHI study component

**Model 2 (*Health/health risk factors + Model 1*):**

All Model 1 variables

Pack years of smoking

Body mass index (BMI)

Hysterectomy ever

Urinary incontinence ever

Hypertension ever (variable label = hypt; self-report Form 30)

Cardiovascular disease ever (variable label = CVD; self-report Form 30)

Arthritis ever (Label = arthrit; self-report Form 30)

Cancer ever (Label = canc\_f30; Form 30)

Diabetes ever (Variable label = diab & diabtrt; self-report Form 2)

Hip fracture age 55 or older (Variable label = hip55; self-report Form 30)

Self-rated health

Depressive symptoms

Current use of SSRI

**Model 3 *(Menopausal symptoms/treatment variables that impact menopausal + Model 1 +Model 2*):**

All Model 1 variables

All Model 2 variables

Night sweats

Hot flashes

Vaginal dryness

Current use of female hormone therapy

**Step 3) Investigation of interaction. – does abuse type matter?**

A) For the full sample, investigate whether there is an interaction of abuse type on sexual satisfaction. This will inform how we do subsidiary analyses/format what was Table 3.

**Step 4) Sensitivity Analyses:**

A) We would like to talk to you when you get to this point, so that we are all on the same page.