June 1, 2010

ADDENDUM TO MATCHING SUMMARY FROM JUNE 25, 2009

BAA 16: Identifying Biomarkers for Early Detection of Pancreatic Cancer

Study population: WHI Observational Study (OS)

Budget and plate constraints have necessitated reducing the original number of 709 samples to be used for BAA16 down to 545 samples. This was done in the following manner. Out of the original 216 cases selected for BAA16, 4 of them did not have any blood at the time of the pulls. This leaves 212 cases, distribution by group and visit shown in the table below.

Group	Visit	Cases
A	Baseline only	58
A	Baseline & Y3	0
A	Y3 only	0
B	Baseline only	19
B	Baseline & Y3	50
B	Y3 only	0
C	Baseline only	8
C	Baseline & Y3	0
C	Y3 only	77
Total		212

There were 449 blood samples among the controls, 116 need to be dropped to get to 333 samples (212 cases + 333 controls = 545 total samples).

The 4 cases that were dropped due to lack of sample have 6 corresponding controls that are also dropped (8 samples). There is one group that has blood at both baseline and Y3 (highlighted in yellow). We have dropped the baseline blood samples for the 50 cases in group B and will correspondingly drop the baseline blood for the controls in the group (49 samples -- 1 of these overlaps with the 8 samples with no blood). Additionally, 41 of these 50 women are PanScan cases with a 2nd non-matching control, so we have dropped their baseline blood as well (41 samples). There is 1 additional non-matching PanScan control woman with no blood that will be dropped (1 sample). This leaves us with 449 - (8+49+41+1) = 350 samples. To get down to 333, we needed to drop an additional 17 samples. The remaining 17 samples were selected by looking at the remaining non-matching PanScan controls and dropping the non-matching controls with a case blood draw furthest from pancreatic cancer diagnosis.

The distribution of the final sample set by group and visit is in the table below.

Group	Visit	Cases	Controls
A	Baseline only	58	107
A	Baseline & Y3	0	0
A	Y3 only	0	0
B	Baseline only	19	33
B	~~Baseline & Y3~~	50	84
B	Y3 only	0	0
C	Baseline only	8	8
C	Baseline & Y3	0	0
C	Y3 only	77	101
Total		212	333