Figure 1:

NHS II Cohort (n=116,678)

Exclusions: PMS self-reported in ≤1991, history of cancer, endometriosis, infertility, etc.

New PMS diagnosis 1991-2005
n = 4108

No PMS diagnosis 1991-2005
(n = 3248, randomly selected)

COPE questionnaire mailing

3579 (87%) responses received
1257 (35%) meet PMS case criteria
401 provided blood sample (1996-99)
PMS diagnosed after blood collection (n = 123)

3087 (95%) responses received
2463 (90%) meet control criteria
401 with blood sample (1996-99) matched 1:1 to PMS cases
PMS diagnosed before blood collection (n = 279)