**Supplementary Material**

**Table 1**

|  |
| --- |
| Women with multiple episodes of MD during the study (n=75) |
|  |  |  |  |  |  |  |
|  | All | no lifetimeMDD at BL | lifetimeMDD at BL |
| MDE occurred at | n | % | N | % | N | % |
| pre only | 1 | 1.33 | 0 | 0.00 | 1 | 1.96 |
| peri only | 10 | 13.33 | 5 | 20.83 | 5 | 9.80 |
| post only | 18 | 24.00 | 8 | 33.33 | 10 | 19.61 |
| both pre & peri | 5 | 6.67 | 1 | 4.17 | 4 | 7.84 |
| both pre & post | 7 | 9.33 | 1 | 4.17 | 6 | 11.76 |
| both peri & post | 28 | 37.33 | 8 | 33.33 | 20 | 39.22 |
| pre & peri & post | 6 | 8.00 | 1 | 4.17 | 5 | 9.80 |
|  | 75 |  | 24 |  | 51 |  |
|  |

Multiple episodes of MDE occurred in **75 (58**%) women: 24 women without lifetime MDD and 51 with lifetime MDD. Among women who had multiple episodes during only one stage of the MT, 2/3 had these when they were postmenopausal. Among women who had multiple episodes in more than one stage, 60% had these when they were perimenopausal and postmenopausal. perimenopausal and postmenopausal.

Table 2a – Participants **without lifetime MDD** at baseline (N = 222)

Association of Stress and MDE where current stressor and childhood maltreatment were in the same model (Each type of childhood maltreatment was in a separate model with the current stressor)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Current stressor** | **Childhood****Maltreatment** | **OR for****Current stressor** | **OR for****Childhood maltreatment** | **OR for Menopausal status** |
| **Perimenopause** | **Postmenopause/BSo** |
| Any ChronicOngoing event | Emotional abusePhysical abuseSexual abuseEmotional neglectPhysical neglect | 4.75 (2.85, 7.89) \*\*4.88 (2.92, 8.16) \*\*5.09 (3.01, 8.61) \*\*4.84 (2.90, 8.08) \*\*4.86 (2.89, 8.16) \*\* | 1.82 (0.84, 3.93)1.83 (0.85, 3.95)0.51 (0.17, 1.54)1.07 (0.29, 3.88)1.00 (0.45, 2.19) | 4.40 (1.52,12.68) \*\*4.70 (1.71,12.95) \*\*4.57 (1.59,13.18) \*\*4.46 (1.55,12.82) \*\*4.47 (1.56,12.83) \*\* | 4.25 (0.99,18.27)4.54 (1.14,18.13) \*4.27 (1.03,17.64) \*4.25 (1.01,17.87) \*4.28 (1.02,17.97) \* |
| At least 1 Stressful event | Emotional abusePhysical abuseSexual abuseEmotional neglectPhysical neglect | 3.15 (1.97, 5.03) \*\*3.16 (1.97, 5.05) \*\*3.28 (2.05, 5.24) \*\*3.27 (2.08, 5.15) \*\*3.27 (2.05, 5.20) \*\* | 1.57 (0.73, 3.35)1.69 (0.81, 3.54)0.84 (0.31, 2.33)1.18 (0.23, 5.93)0.90 (0.41, 1.99) | 4.35 (1.43,13.22) \*\*4.60 (1.62,13.08) \*\*4.46 (1.49,13.42) \*\*4.39 (1.45,13.31) \*\*4.44 (1.48,13.36) \*\* | 4.41 (0.97,19.98)4.61 (1.10,19.33) \*4.50 (1.02,19.83) \*4.42 (0.99,19.71)4.51 (1.02,19.95) \* |

\* P < 0.05, \*\* p < 0.01

Covariates = age, race, medication for nervous condition

Premenopause is the reference group for perimenopause and postmenopause/bilateral salpingectomy

Table 2b – Participants **with lifetime MDD** at baseline (N = 111)

Association of Stress and MDE where current stressor and childhood maltreatment were in the same model (Each childhood maltreatment was in a separate model with the current stressor)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Current stressor** | **Childhood****Maltreatment** | **OR for****Current** **stressor** | **OR for****Childhood maltreatment** | **OR for Menopausal status** |
| **Perimenopause** | **Postmenopause/BSO** |
| Any ChronicOngoing event | Emotional abusePhysical abuseSexual abuseEmotional neglectPhysical neglect | 2.46 (1.73, 3.50) \*\*2.48 (1.73, 3.56) \*\*2.41 (1.66, 3.52) \*\*2.46 (1.73, 3.48) \*\*2.49 (1.74, 3.57) \*\* | 1.78 (1.06, 2.98) \*2.12 (1.19, 3.78) \*2.14 (1.27, 3.62) \*\*3.54 (1.49, 8.42) \*\*1.98 (1.05, 3.73) \* | 0.99 (0.52,1.87)0.89 (0.47,1.68)0.95 (0.51,1.76)1.16 (0.60,2.24)1.06 (0.56,2.01) | 1.36 (0.59,3.16)1.26 (0.54,2.93)1.37 (0.60,3.13)1.79 (0.76,4.22)1.52 (0.65,3.55) |
| At least 1 Stressful event | Emotional abusePhysical abuseSexual abuseEmotional neglectPhysical neglect | 2.64 (1.85, 3.76) \*\*2.78 (1.93, 4.01) \*\*2.65 (1.86, 3.78) \*\*2.79 (1.93, 4.05) \*\*2.85 (1.96, 4.15) \*\* | 1.59 (0.96, 2.63)1.97 (1.12, 3.46) \*2.05 (1.26, 3.33) \*\*3.27 (1.29, 8.29) \*1.92 (1.02, 3.61) \* | 0.92 (0.49,1.70)0.83 (0.44,1.53)0.87 (0.47,1.58)1.04 (0.53,2.06)0.97 (0.52,1.83) | 1.81 (0.80,4.10)1.58 (0.70,3.57)1.66 (0.75,3.67)2.18 (0.89,5.34)1.92 (0.83,4.42) |

\* P < 0.05, \*\* p < 0.01

Covariates = age, race, medication for nervous condition, paying for basics

Hormone Therapy use was also included in the models for at least 1 stressful event.

Premenopause is the reference group for perimenopause and postmenopause/bilateral salpingectomy.