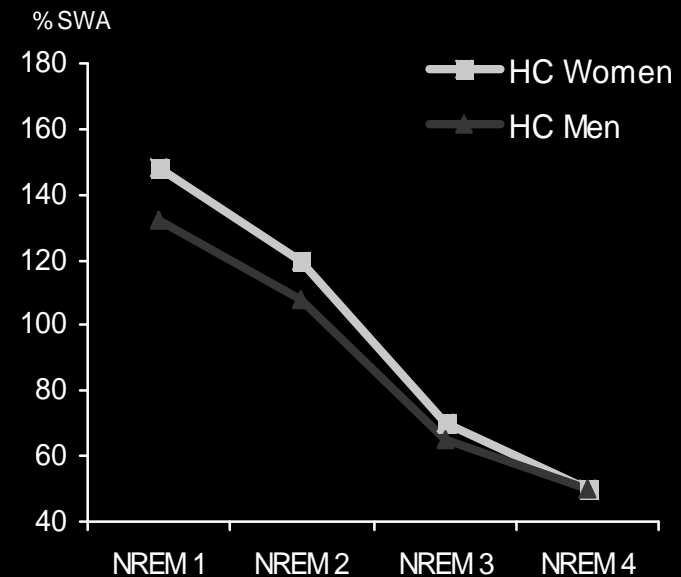


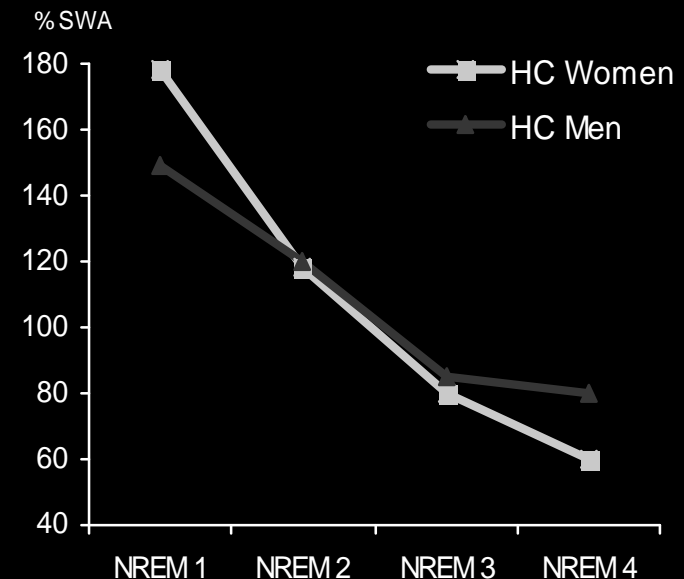
As the magnitude of the sleep challenge increases, the sex differences get larger.

A total sleep deprivation challenge elicits a significant greater accumulation & dissipation of SWA in women.

Mild Sleep Challenge



40 hrs Sleep Deprivation

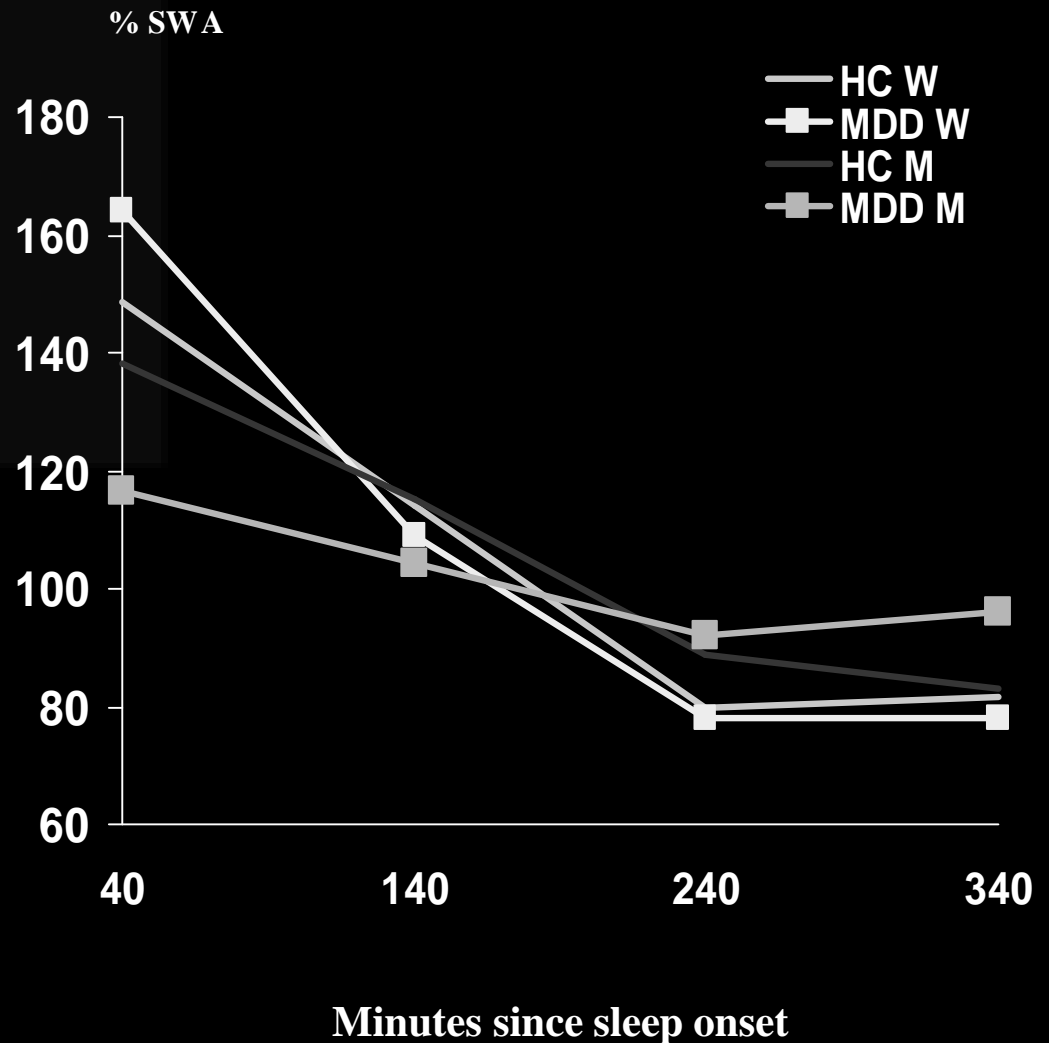


SWA Response: Mild Challenge

Sex differences are 3x greater in the MDD group.

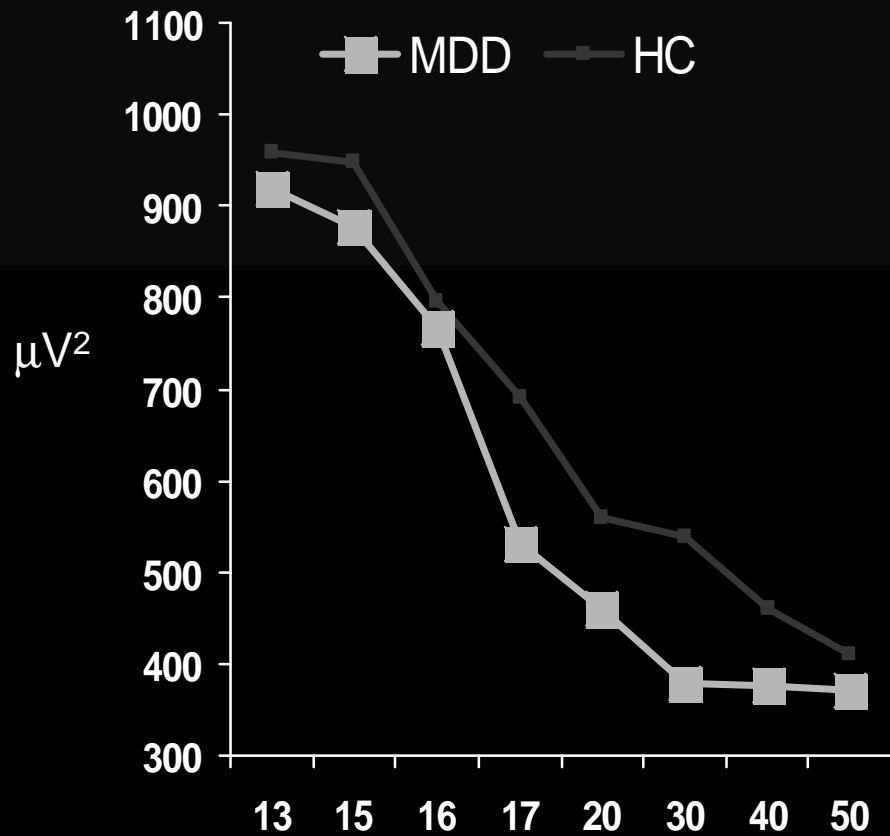
Women showed a greater SWA response to the challenge than men.

MDD men showed a blunted response to the challenge that was significantly lower than all other groups.



Age-Related Changes in SW A

Males



Females

