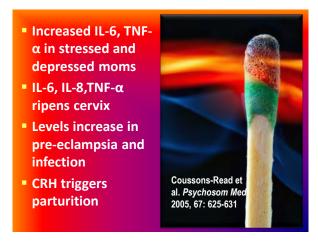




- Proinflammatory cytokines rise in last trimester
- Women's highest risk of depression in the last trimester
- Cytokines remain elevated postpartum













- Women with severe breastfeeding pain Day 1, Week 1, and Week 2 significantly more likely to be depressed at 2 months postpartum
- Breastfeeding help was protective of mental health for women with moderate or severe pain



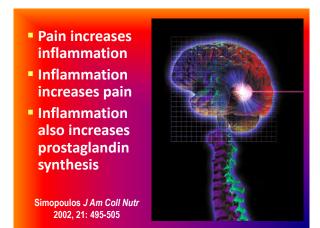
Watkins et al. Ob Gyn 2011. 118(2): 214-221



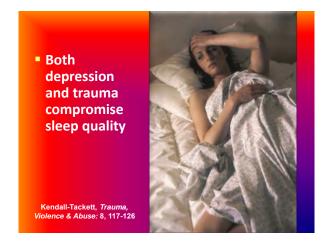


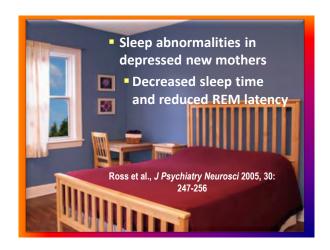
- Severity of post-birth pain, but not mode of delivery, predicted postpartum depression
 - Prospective, longitudinal study of 1,288 women
- Acute pain increased the risk of depression by three times
 - And the risk of persistent pain by 2.5 times

Eisenach et al. Pain 2008; 140: 87-94



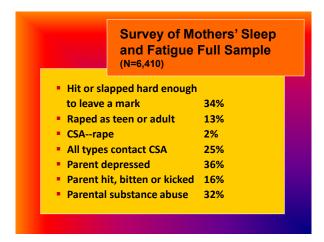




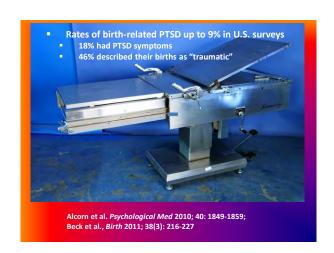


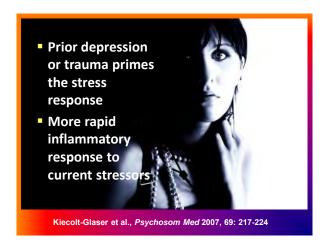
















Breastfeeding protects maternal mood by downregulating the inflammatory response system
Breastfeeding difficulties can cause depression





