

Effects of Oxytocin on Cortisol Reactivity and
Conflict Resolution Behaviors among Couples with
Substance Misuse

Julianne C. Flanagan, Melanie S. Fischer, Paul J.
Nietert, Sudie E. Back, Megan Moran-Santa Maria,
Alexandra Snead, Kathleen T. Brady



PII: S0165-1781(17)30493-6
DOI: <https://doi.org/10.1016/j.psychres.2017.12.003>
Reference: PSY11039

To appear in: *Psychiatry Research*

Received date: 18 March 2017
Revised date: 2 December 2017
Accepted date: 2 December 2017

Cite this article as: Julianne C. Flanagan, Melanie S. Fischer, Paul J. Nietert, Sudie E. Back, Megan Moran-Santa Maria, Alexandra Snead and Kathleen T. Brady, Effects of Oxytocin on Cortisol Reactivity and Conflict Resolution Behaviors among Couples with Substance Misuse, *Psychiatry Research*, <https://doi.org/10.1016/j.psychres.2017.12.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Effects of Oxytocin on Cortisol Reactivity and Conflict Resolution Behaviors among Couples
with Substance Misuse

Julianne C. Flanagan^{a*}, Melanie S. Fischer^a, Paul J. Nietert^a, Sudie E. Back^{a,b}, Megan Moran-
Santa Maria^a, Alexandra Snead^a, & Kathleen T. Brady^{a,b}

^aMedical University of South Carolina, Charleston, SC

^bRalph H. Johnson Veterans Affairs Medical Center, Charleston, SC

*Correspondence concerning this article should be addressed to Julianne C. Flanagan, Medical University of South Carolina, 5 Charleston Center Drive, Suite 151, Charleston, SC, 29455. Phone: 843-792-5569. Email: Hellmuth@musc.edu. Facsimile: 843-792-5932. Dr. Fischer is now affiliated with the University of North Carolina at Chapel Hill in Chapel Hill, North Carolina. Ms. Snead is now affiliated with the University of Houston in Houston, Texas.

Abstract

Social stress, particularly in the form of dyadic conflict, is a well-established correlate of substance use disorders (SUD). The neuropeptide oxytocin can enhance prosocial behavior and mitigate addictive behaviors. These effects may be, in part, a result of oxytocin's ability to attenuate hypothalamic–pituitary–adrenal (HPA) axis dysregulation. However, only one study to date has examined the effects of oxytocin on neuroendocrine reactivity or conflict resolution behavior among couples. Participants ($N=33$ couples or 66 total participants) were heterosexual

Download English Version:

<https://daneshyari.com/en/article/6811976>

Download Persian Version:

<https://daneshyari.com/article/6811976>

[Daneshyari.com](https://daneshyari.com)