CORRECTIONS WORKER STRESS, TRAUMA AND SUICIDE

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Occupational Sources of CO Suicide Risk

Multiple and interacting factors increase corrections officers' suicide risk and rate.

- Long-term vulnerability to suicide increased by:
 - Occupational exposure to violence, injury and death
 - PTSD, Depression, Moral Injury, SUD

Occupational Sources of CO Suicide Risk

- Culture of "toughness"
- "False resilience"—based on avoidance and denial
- Relative lack effective coping skills
- Relative lack or low use of resources
- Access to firearms



Corrections Staff Causal Sequence Model of Suicide

Violence, Injury, Death Exposure

PTSD
Moral Injury

Substance
Abuse

Substance

Acute Stressor-Activated Cognitions:

- Worthlessness/Unlovability
- Situation-specific helplessness
- Situation-specific hopelessness
- Perceived burdensomeness
- Perceived inability to tolerate distress (Rudd, 2006)





Data-Supported Protective Factors

- 1. Effective self-care skills
- 2. Effective emotional regulation skills
- 3. Effective cognitive skills
- 4. Effective use of social support

Data-Supported Protective Factors

- 5. Physical fitness
- 6. Sense of mastery, self-efficacy, personal control, competence
- 7. Use of resources



In Conclusion

- Suicide risk of corrections staff CAN be reduced.
- Strategies for reducing suicide risk include:
 - Skills-based education on factors reducing suicide risk
 - Corrections-informed mental health services, esp. targeting suicide-related cognitions
 - Systemic provision of social support by staff, leadership, and through data-supported peer intervention

Adler, A.B., Litz, B.T., Castro, C.A., Suvak, M., Thomas, J.L., Burrell, L., McGurk, D., Wright, K.M., & Bliese, P.D. (2008). A group randomized trial of Critical Incident Stress Debriefing provided to U.S. peacekeepers. *Journal of Traumatic Stress*, *21*, 253-263.

Bierie, D. (2012). The Impact of Prison Conditions on Staff Well-Being. *International Journal of Offender Therapy and Comparative Criminology, 56,* 81–95.

Bryan, A.J., Griffith, J.H., Pace, B.T., Hinkson, K., Bryan, A.O., Clemans, T.A., & Imel, Z.C. (2015). Combat Exposure and Risk for Suicidal Thoughts and Behaviors among Military Personnel and Veterans: A Systematic Review and Meta-Analysis. *Suicide and Life-Threatening Behavior.* DOI: 10.1111/sltb.12163.

Bryan, A. O., Theriault, J. L., & Bryan, C.J. (2015). Self-Forgiveness, Posttraumatic Stress, and Suicide Attempts among Military Personnel and Veterans. *Traumatology, 21,* 40–46.

Conner, K.R., Bossarte, R.M., He, H., Arora, J., Lu, N., Tu, X.M., & Katz, I.R. (2014). Posttraumatic stress disorder and suicide in 5.9 million individuals receiving care in the veterans health administration health system. *Journal of Affective Disorders*, 166, 1-5.

Denhof, M.D. & Spinaris, C.G. (2016). Prevalence of Trauma-related Health Conditions in Correctional Officers: A Profile of Michigan Corrections Organization Members. http://desertwaters.com/wp-content/uploads/2016/07/MCO-Paper FINAL.pdf

Denhof, M.D., & Spinaris, C.G. (2013). Depression, PTSD, and Comorbidity in United States Corrections Professionals: Impact on Health and Functioning. http://desertwaters.com/wp-content/uploads/2013/09/Comorbidity Study 09-03-131.pdf

Denhof, M.D., Spinaris, C.G., & Morton, G.R. (2014). Occupational Stressors in Corrections Organizations: Types, Effects and Solutions. http://nicic.gov/library/028299.

Hoffmire, C.A., Kemp, J.E., & Bossarte, R.M. (2015). Changes in Suicide Mortality for Veterans and Nonveterans by Gender and History of VHA Service Use, 2000-2010. *Psychiatric Services*. *66*, 959-965.

http://ps.psychiatryonline.org/doi/full/10.1176/appi.ps.201400031

Linehan, M. M. (1993). Skills Training Manual for Treating Borderline Personality Disorder. New York: Guilford Press.

Litz, B. T., Stein, N., Delaney, E., Lebowitz, L., Nash, W. P., Silva, C., & Maguen, S. (2009). Moral injury and moral repair in war veterans: A preliminary model and intervention strategy. *Clinical Psychology Review*, 29, 695-706.

Meredith, L.S., Sherbourne, C.D., Gaillot, S., Hansell, L., Hans V., Ritschard, H.V., Parker, A.M., & Wren, G. (2011). Promoting Psychological Resilience in the U.S. Military. RAND Center for Military Health Policy Research.

New Jersey Police Suicide Task Force Report. (2009). http://www.state.nj.us/lps/library/NJPoliceSuicideTaskForceReport-January-30-2009-Final(r2.3.09).pdf

O'Connor, E., Gaynes, B.N., Burda, B.U., Soh, C., & Whitlock, E.P. (2013). Screening for and Treatment of Suicide Risk Relevant to Primary Care: A Systematic Review for the U.S. Preventive Services Task Force. Annals of Internal Medicine, 158, 741-754.

Ramchand, R., Acosta, J., Burns, R.M., Jaycox, L.H., & Pernin, C.G. (2011). The war within: Preventing suicide in the U.S. military. Santa Monica, CA: RAND Corporation.

Rudd, M.D. (2006). Fluid Vulnerability Theory: A Cognitive Approach to Understanding the Process of Acute and Chronic Risk. In T. E. Ellis (Ed.), Cognition and Suicide: Theory, Research and Therapy (pp. 355-368). Washington, DC: American Psychological Association.

Rudd, M.D., Bryan, C.J., Wertenberger, E.G., Peterson, A.L., Young-McCaughan, S., Mintz, J., Williams, S. R., Arne, K.A., Breitbach, J., Delano, K., Wilkinson, E., & Bruce, T.O. (2015). Brief Cognitive-Behavioral Therapy Effects on Post-Treatment Suicide Attempts in a Military Sample: Results of a Randomized Clinical Trial With 2-Year Follow-Up. *American Journal of Psychiatry*, 00:0, nn 2015, 1-9. ajp.psychiatryonline.org

Shapiro F. (2001). Eye Movement Desensitization and Reprocessing: Basic Principles, Protocols, and Procedures. (2nd ed.). New York: Guilford Press.

Spinaris, C.G., & Denhof M.D. (2015). Moral Injury in the Corrections Workforce. Correctional Oasis, February 2015, Volume 12, Issue 2. http://desertwaters.com/wp-content/uploads/2015/02/Corr Oasis 2-2015.pdf

Spinaris, C.G., Denhof M. D., & Kellaway, J.A. (2012). Posttraumatic Stress Disorder in United States Corrections Professionals: Prevalence and Impact on Health and Functioning. http://desertwaters.com/wp-content/uploads/2013/09/PTSD Prev in Corrections 09-03-131.pdf

Stack, S.J, & Tsoudis, O. Suicide Risk among Correctional Officers: A Logistic Regression Analysis. *Archives of Suicide Research*, 1997, 3, 183-186.

Violanti, J.M., Robinson, C.F, Shen, R. (2013). Law Enforcement Suicide: A National Analysis. *International Journal of Emergency Mental Health and Human Resilience*, 15, 289-298.