

As a Matter of *fact*

The Relationship Between Child Maltreatment and Child/Adolescent Well Being

Exposure to maltreatment or violence can disrupt the course of physical, emotional, and intellectual development in children and adolescents. Risks associated with maltreatment include alterations in a child and adolescent's physical health, impaired psychosocial functioning, mental health conditions, and changes in brain architecture. Preventing child abuse and neglect improves the health and quality of life of children and adolescents.

1

Physical Health: Maltreatment in childhood nearly doubles the danger of overall poor health including increased risks of:

Asthma ^(1, 6, 7)	Bruises ⁽⁴⁾
Traumatic Brain Injuries ^(4, 7-10)	Burns ⁽⁴⁾
Sexually-Transmitted Diseases ^(4, 5)	Broken Bones ^(4, 7)
Unplanned Pregnancies ^(11, 12)	Obesity ^(4, 7, 13, 14)
Dating Violence ^(14, 15)	

2

Delinquency (Impaired Psychosocial Functioning): Children and adolescents who experience maltreatment may have impaired psychosocial functions including:

More Aggressive Behavior ^(1, 4, 11, 16)	Drinking Alcohol ^(6, 11, 12, 19, 26, 27)
Truancy ^(17, 18)	Binge Drinking ^(6, 26)
Running Away ^(18, 19)	Smoking ^(6, 14, 19, 28)
Fighting ⁽²⁰⁻²²⁾	Substance Abuse ^(4, 6, 11, 19, 29, 30)
Carrying Weapons ^(18, 20-24)	Sexualized Behaviors at a Younger Age ^(5, 11, 26)
Threatening Others with or using a Weapon ^(18, 22, 23)	Risky Sexual Behavior ^(5, 12, 19)
Violence ⁽²⁵⁾	

3

Mental Health: Trauma exposure has potentially severe consequences for the mental health of children and adolescents across the developmental continuum including:

Attachment and Behavior Disorders ^(2, 4, 12)	Anxiety ^(1, 5, 11, 29, 31, 36)
Antisocial Behavior ^(3, 17)	Suicidal Ideation ^(21, 31, 36, 38)
Post-Traumatic Stress Disorder ^(4, 5, 12, 20, 29, 34, 35)	Self-Injurious Behaviors ^(20, 21, 31, 33, 39)
Depression ^(2, 5, 11, 19, 20, 36)	

4

Changes in Brain Architecture: Maltreatment in childhood may cause changes in the physical structures within the brain which can result in the following: ^(2-4, 11, 12, 14, 26)

Sensory and Motor Skill Deficiencies ⁽⁹⁾	Reduced Physical Health ^(4, 10)
Poor Academic Performance ^(1, 2)	Mental Health Issues and Maladaptive Behaviors ^(2, 3, 9, 11, 33)
Impairment in Cognitive Processing and Language Acquisition ^(2, 9)	

1. Cohen, E., Groves, B., & Kracke, K. (2009). Understanding children's exposure to violence. *The Safe Start Center Series on Children Exposed to Violence, 1*, 1-8.
2. Twardosz, S., & Lutzker, J. R. (2010). Child maltreatment and the developing brain: A review of neuroscience perspectives. *Aggression and Violent Behavior, 15*(1), 59-68.
3. Braga, T., Cunha, O., & Maia, Á. (2018). The enduring effect of maltreatment on antisocial behavior: A meta-analysis of longitudinal studies. *Aggression and Violent Behavior, 40*, 91-100.
4. Leeb, R., Lewis, T., & Zolotor, A. J. (2011). A review of physical and mental health consequences of child abuse and neglect and implications for practice. *American Journal of Lifestyle Medicine, 5*(5), 454-468.
5. Trickett, P. K., Noll, J. G., & Putnam, F. W. (2011). The impact of sexual abuse on female development: Lessons from a multigenerational, longitudinal research study. *Development and Psychopathology, 23*(2), 453-476.
6. Lanier, P., Jonson-Reid, M., Stahlschmidt, M. J., Drake, B., & Constantino, J. (2010). Child maltreatment and pediatric health outcomes: A longitudinal study of low-income children. *Journal of Pediatric Psychology, 35*(5), 511-522.
7. Clark, D. B., Thatcher, D. L., & Martin, C. S. (2010). Child abuse and other traumatic experiences, alcohol use disorders, and health problems in adolescence and young adulthood. *Journal of Pediatric Psychology, 35*(5), 499-510.
8. Joyce, T., & Huecker, M. R. (2018). Pediatric abusive head trauma (shaken baby syndrome). Treasure island, FL: StatPearls Publishing.
9. Makaroff, K. L., & Putnam, F. W. (2003). Outcomes of infants and children with inflicted traumatic brain injury. *Developmental Medicine & Child Neurology, 45*(7), 497-502.
10. Hung, K. L. (2020). Pediatric abusive head trauma. *Biomedical Journal, 43*(3), 240-250.
11. Gilbert, R. et al. (2009). Burden and consequences of child maltreatment in high-income countries. *Lancet, 373*(9657), 68-81.
12. Noll, J. G. et al. (2019). Is sexual abuse a unique predictor of sexual risk behaviors, pregnancy, and motherhood in adolescence? *Journal of Research on Adolescence, 29*(4), 967-983.
13. Zeller, M. H. et al. (2015). Child maltreatment and the adolescent patient with severe obesity: Implications for clinical care. *Journal of Pediatric Psychology, 40*(7), 640-648.
14. Zimmerman, F., & Mercy, J. A. (2010). Child maltreatment prevention as a public health priority. *Zero to Three, May*, 4-10.
15. Hébert, M., Moreau, C., Blais, M., Lavoie, F., & Guerrier, M. (2017). Child sexual abuse as a risk factor for teen dating violence: Findings from a representative sample of Quebec youth. *Journal of Child & Adolescent Trauma, 10*(1), 51-61.
16. Widom, C. S. (2014). Longterm consequences of child maltreatment. In *Handbook of child maltreatment* (pp. 225-247). Springer, Dordrecht.
17. Armfield, J. M. et al. (2020). School absenteeism associated with child protection system involvement, maltreatment type, and time in out-of-home care. *Child Maltreatment, 25*(4), 433-445.
18. Grogan-Kaylor, A., Ruffolo, M. C., Ortega, R. M., & Clarke, J. (2008). Behaviors of youth involved in the child welfare system. *Child Abuse & Neglect, 32*(1), 35-49.
19. Flaherty, E. G. et al. (2006). Effect of early childhood adversity on child health. *Archives of Pediatrics & Adolescent Medicine, 160*(12), 1232-1238.
20. Mullers, E. S., & Dowling, M. (2008). Mental health consequences of child sexual abuse. *British Journal of Nursing, 17*(22), 1428-1433.
21. Tossone, K., Wheeler, M., Butcher, F., & Kretschmar, J. (2018). The role of sexual abuse in trauma symptoms, delinquent and suicidal behaviors, and criminal justice outcomes among females in a juvenile justice diversion program. *Violence Against Women, 24*(8), 973-993.
22. Gauthier-Duchesne, A., Hébert, M., & Blais, M. (2021). Child sexual abuse, self-esteem, and delinquent behaviors during adolescence: The moderating role of gender. *Journal of Interpersonal Violence. <https://doi.org/10.1177/08862605211001466>*
23. Huang, H., Ryan, J. P., & Herz, D. (2012). The journey of dually-involved youth: The description and prediction of rereporting and recidivism. *Children and Youth Services Review, 34*(1), 254-260.
24. Bègue, L., Roché, S., & Duke, A. A. (2016). Young and armed: A cross-sectional study on weapon carrying among adolescents. *Psychology, Crime & Law, 22*(5), 455-472.
25. Topitzes, J., Mersky, J. P., & Reynolds, A. J. (2012). From child maltreatment to violent offending: An examination of mixed-gender and gender-specific models. *Journal of Interpersonal Violence, 27*(12), 2322-2347.
26. Horner, G. (2010). Child sexual abuse: Consequences and implications. *Journal of Pediatric Health Care, 24*(6), 358-364.
27. Wardell, J. D., Strang, N. M., & Hendershot, C. S. (2016). Negative urgency mediates the relationship between childhood maltreatment and problems with alcohol and cannabis in late adolescence. *Addictive Behaviors, 56*, 1-7.
28. Mills, R., Alati, R., Strathearn, L., & Najman, J. M. (2014). Alcohol and tobacco use among maltreated and non-maltreated adolescents in a birth cohort. *Addiction (Abingdon, England), 109*(4), 672-680.
29. De Bellis, M. D., Spratt, E. G., & Hooper, S. R. (2011). Neurodevelopmental biology associated with childhood sexual abuse. *Journal of Child Sexual Abuse, 20*(5), 548-587.
30. Halpern, S. C. et al. (2018). Child maltreatment and illicit substance abuse: A systematic review and meta-analysis of longitudinal studies. *Child Abuse Review, 27*(5), 344-360.
31. Miller, A., Esposito-Smythers, C., Weismore, J., & Renshaw, K. (2013). The relation between child maltreatment and adolescent suicidal behavior: A systematic review and critical examination of the literature. *Clinical Child & Family Psychology Review, 16*(2), 146-172.
32. Dubowitz, H., Thompson, R., Arria, A. M., English, D., Metzger, R., & Kotch, J. B. (2016). Characteristics of child maltreatment and adolescent marijuana use: A prospective study. *Child Maltreatment, 21*(1), 16-25.
33. Brown, R. C. et al. (2018). The impact of child maltreatment on non-suicidal self-injury: Data from a representative sample of the general population. *BMC Psychiatry, 18*(1), 1-8.
34. McLaughlin, K. A., Peverill, M., Gold, A. L., Alves, S., & Sheridan, M. A. (2015). Child maltreatment and neural systems underlying emotion regulation. *Journal of the American Academy of Child & Adolescent Psychiatry, 54*(9), 753-762.
35. Jaffee, S. R. (2017). Child maltreatment and risk for psychopathology in childhood and adulthood. *Annual Review of Clinical Psychology, 13*, 525-551.
36. Cohen, R. T., Canino, G. J., Bird, H. R., & Celedon, J. C. (2008). Violence, abuse, and asthma in Puerto Rican children. *American Journal of Respiratory and Critical Care Medicine, 178*(5), 453-459.
37. Mills, R., Scott, J., Alati, R., O'Callaghan, M., Najman, J. M., & Strathearn, L. (2013). Child maltreatment and adolescent mental health problems in a large birth cohort. *Child Abuse & Neglect, 37*(5), 292-302.
38. Culbreth, R. (2019). The impact of child maltreatment on suicidal ideation, polysubstance use, and sexual risk behaviors. [Doctoral dissertation]. Georgia State University.
39. Godbout, N., Daspe, M. È., Runtz, M., Cyr, G., & Briere, J. (2019). Childhood maltreatment, attachment, and borderline personality-related symptoms: Gender-specific structural equation models. *Psychological Trauma: Theory, Research, Practice, and Policy, 11*(1), 90-98.

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