# ABUSE RESEARCH

For archive and to sign up for distribution list:

http://abuseresearch.info/

Questions: Harise Stein, MD harise@stanford.edu

#### Child Abuse

Schilling S, Christian CW.

**Child Physical Abuse and Neglect.** 

Child Adolesc Psychiatr Clin N Am. 2014 Apr;23(2):309-319. PMID: 24656582

Review article on the topic including magnitude, triggers, clinical outcomes, therapeutic strategies, lifetime consequences, evidence-supported treatment interventions, and tools and resources.

Al Odhayani A, Watson WJ, Watson L.

Behavioural consequences of child abuse.

Can Fam Physician. 2013 Aug;59(8):831-6. PMID: 23946022

"A child's behaviour is an outward manifestation of inner stability and security." Review of the effects of child maltreatment on stages of behavioral development; and review of symptoms of abuse, neglect and attachment disorder.

Hodges M, Godbout N, Briere J, et. al.

Cumulative trauma and symptom complexity in children: a path analysis.

Child Abuse Negl. 2013 Nov;37(11):891-8. PMID: <u>23643387</u>
In a clinical sample of 318 children age 3-9, accumulated exposure to multiple different trauma

types predicted symptom complexity as reported by both children and their caretakers. While different types of trauma may have different impacts, multiple traumas may also amplify effects and lead to more potentially maladaptive coping strategies.

Greiner MV, Palusci VJ, Keeshin BR, Kearns SC, Sinal SH. A preliminary screening instrument for early detection of medical child abuse.

Hosp Pediatr. 2013 Jan;3(1):39-44. PMID: 24319834

Using chart review, differences in characteristics of children, caregivers, and illness during hospitalization indicative of medical child abuse were identified. The overwhelming most predictive factor for medical child abuse (89 times more likely), was decrease in medical symptoms when out of care of caregiver.

Kemp AM, Maguire SA, Nuttall D, Collins P, Dunstan F. Bruising in children who are assessed for suspected physical abuse.

Arch Dis Child. 2014 Feb;99(2):108-13. PMID: 24043551
This British study of 519 children <6 years referred to child protection teams compared the extent and pattern of bruising between children with confirmed physical abuse and where abuse was excluded. In confirmed abuse cases, the odds of bruising were increased in certain areas such as: buttocks or genitalia (19.9 times increased risk of abuse), left ear (7.1), left cheek (5.2), neck (3.77), and front of trunk (4.74).

# Adult Manifestations of Child Abuse

Fuller-Thomson E, Sinclair DA, Brennenstuhl S.

Carrying the pain of abuse: gender-specific findings on the relationship between childhood physical abuse and obesity in adulthood.

Obes Facts. 2013;6(4):325-36. PMID: 23970142

From a national Canadian survey of over 12,000 adults, and controlling for age, race and multiple clusters of risk factors, the odds of obesity for women but not men were 35% higher with a history of childhood physical abuse.

Davis CR, Dearing E, Usher N, et. al.

Detailed assessments of childhood adversity enhance prediction of central obesity independent of gender, race, adult psychosocial risk and health behaviors.

Metabolism. 2014 Feb;63(2):199-206. PMID: 24211017

For 210 multi-ethnic adults with mean age of 45.8, overall childhood adversity incorporating severity and chronicity into cumulative scores predicted adult central obesity beyond traditional modifiable risk factors.

Miller AB, Schaefer KE, Renshaw KD, Blais RK.

PTSD and marital satisfaction in military service members: examining the simultaneous roles of childhood sexual abuse and combat exposure.

Child Abuse Negl. 2013 Nov;37(11):979-85. PMID: <u>23790507</u>

In a group of 218 recently deployed National Guard/Reserve veterans, childhood sexual abuse accounted for both an independent increase in PTSD symptom severity and decrease in marital satisfaction, independent of combat exposure.

Mersky JP, Topitzes J, Reynolds AJ.

Impacts of adverse childhood experiences on health, mental health, and substance use in early adulthood: a cohort study of an urban, minority sample in the U.S.

Child Abuse Negl. 2013 Nov;37(11):917-25. PMID: 23978575
For 1142 racial/ethnic minority children in Chicago followed from kindergarten and interviewed at age 22-24, there was a robust association irrespective of gender between number of adverse childhood experiences and poorer self-rated health and life satisfaction; depressive symptoms; anxiety; and use of tobacco, alcohol, and marijuana.

Dvir Y, Denietolis B, Frazier JA.

#### Childhood trauma and psychosis.

Child Adolesc Psychiatr Clin N Am. 2013 Oct;22(4):629-41. PMID: 24012077

Review of the evidence for the relationship of different types of childhood adversities to increased risk for psychosis and schizophrenia in adolescents and adults.

#### Adolescents

Kuyper L, de Wit J, Smolenski D, et. al.

Gender differences in patterns of experienced sexual coercion and associated vulnerability factors among young people in the Netherlands.

J Interpers Violence. 2013 Nov;28(16):3149-70. PMID: 23711989

Description of different patterns of male and female sexual coercion and vulnerability through interviews with 1319 Dutch young adults.

Herrman JW.

#### How teen mothers describe dating violence.

J Obstet Gynecol Neonatal Nurs. 2013 Jul;42(4):462-70. PMID: 23859146

In focus groups with 26 teen mothers from a mid-Atlantic state, a significant component of violence prevention was family support to lessen the stress of pregnancy and parenting. In addition "The young women expressed a lack of hope for the prevention of teen dating violence and the prevalence of violence in their lives. They appeared to believe that violence was inevitable and that interventions to attempt to reduce violence were fruitless." Valdez CR, Chavez T, Woulfe J.

Emerging adults' lived experience of formative family stress: the family's lasting influence.

Qual Health Res. 2013 Aug;23(8):1089-102. PMID: 23771635

14 college students were interviewed about family stressors, showing attempts to manage the stressor within the context of their life course. "Many emerging adults hope that going away to college will provide...an opportunity to 'have a normal life'. However...there is no relief from the emotional burden of an emerging adult's home environment. Instead, a cycle of obligation, resentment, and guilt follows as she is caught between two worlds."

### Domestic Violence - Fffects on Children

Kistin CJ, Radesky J, Diaz-Linhart Y, et. al.

A qualitative study of parenting stress, coping, and discipline approaches among low-income traumatized mothers.

J Dev Behav Pediatr. 2014 Apr;35(3):189-96. PMID: 24633062
From interviews regarding child discipline with 30
traumatized women recruited from the WIC
program, repetitive child behaviors were the most
stressful; the most common coping mechanism was
taking time away and thus possibly leaving children
unsupervised for prolonged periods; and harsh
discipline was used deliberately to prevent future
behavior problems, particularly as those who
experienced IPV feared that their children would
become violent adults. Authors stress the need for
programs providing trauma-informed positive
discipline training and parental support.

### Domestic Violence -Physical Health

Clark LE, Allen RH, Goyal V, Raker C, Gottlieb AS.

Reproductive coercion and co-occurring intimate partner violence in obstetrics and gynecology patients.

Am J Obstet Gynecol. 2014 Jan;210(1):42. PMID: 24055583 Of 641 women seen in a large urban obstetrics and gynecology clinic, 16% reported reproductive coercion (male behavior to control contraception and pregnancy outcomes). Of those experiencing reproductive coercion, 1/3 also experienced IPV in the same relationship.

Phillips DY, Walsh B, Bullion JW, Reid PV, Bacon K, Okoro N. The intersection of intimate partner violence and HIV in U.S. women: a review.

J Assoc Nurses AIDS Care. 2014 Jan-Feb;25(1 Suppl):S36-49. PMID: 24216338

Review of research articles linking IPV and HIV in women in the US.

Öberg M, Stenson K, Skalkidou A, Heimer G.

Prevalence of intimate partner violence among women seeking termination of pregnancy compared to women seeking contraceptive counseling.

Acta Obstet Gynecol Scand. 2014 Jan;93(1):45-51. PMID: 24117134

Of 635 Swedish women seeking termination of pregnancy (TOP) vs. 591 seeking contraceptive counseling, the TOP group was more likely to report history of IPV (29% vs. 22%), recent IPV, and physical violence. Among women with repeated TOP, 51% reported experience of IPV.

### Domestic Violence -Mental Health

Peterson K.

Learned resourcefulness, danger in intimate partner relationships, and mental health symptoms of depression and PTSD in abused women.

Issues Ment Health Nurs. 2013 Jun;34(6):386-94. PMID: 23805923

Of 42 women in a shelter, 74% reported symptoms of depression and 67% met criteria for PTSD. High levels of danger and low levels of resourcefulness were associated with increased symptoms of depression and PTSD.

#### Sexual Assault

Littleton H, Ullman SE.

PTSD symptomatology and hazardous drinking as risk factors for sexual assault revictimization: examination in European American and African American women.

J Trauma Stress. 2013 Jun;26(3):345-53. PMID: <a href="mailto:23696299">23696299</a>
Following almost 500 previously sexually assaulted community women (mean age 34) over 1 year, PTSD symptoms predicted sexual assault revictimization for both forcible and incapacitated rape, and hazardous drinking predicted incapacitated rape.

Xu Y, Olfson M, Villegas L, et. al.

A characterization of adult victims of sexual violence: results from the national epidemiological survey for alcohol and related conditions.

Psychiatry. 2013 Fall;76(3):223-40. PMID: <u>23965262</u>

From a large national sample of US adults without a history of childhood sexual abuse, 2.5% reported sexual victimization in adulthood. Adult sexual victimization increased the risk of psychiatric disorders, especially PTSD and drug abuse. Conversely, pre-existing mental health issues, particularly PTSD, increased the likelihood of sexual victimization in adulthood. Psychiatric disorders can act as both risk factors and outcomes of adult sexual victimization.

Kelly DL, Larkin HJ, Cosby CD, Paolinetti LA.

Derivation of the Genital Injury Severity Scale (GISS): a concise instrument for description and measurement of external female genital injury after sexual intercourse.

J Forensic Leg Med. 2013 Aug;20(6):724-31. PMID: <u>23910870</u>
From Highland Hospital in Oakland, description of a 12 factor instrument to define and measure genital injury, which showed good consistency and validity and was able to distinguish sexual assault patients from consensual intercourse subjects.

O'Neal EN, Decker SH, Spohn C, Tellis K. **Condom use during sexual assault.** 

J Forensic Leg Med. 2013 Aug;20(6):605-9. PMID: 23910843
In an analysis of 841 sexual assaults from 3 law enforcement agencies, condom use ranged from 11.7% to 15.6%. Younger suspects and suspects who used a weapon were more likely to use a condom. The perpetrator's use of alcohol was negatively related to condom use.

Draughon JE, Anderson JC, Hansen BR, Sheridan DJ.

Nonoccupational postexposure HIV prophylaxis in sexual assault programs: a survey of SANE and FNE program coordinators.

J Assoc Nurses AIDS Care. 2014 Jan-Feb;25(1 Suppl):S90-S100. PMID: 24103741

In a survey of 174 sexual assault examiner programs in the US and Canada, only 31% provided HIV testing and only 63% offered HIV prophylaxis on request. The largest barriers to offering HIV prophylaxis were the need to provide HIV counseling/follow-up and medication costs.

Burns B, Grindlay K, Holt K, Manski R, Grossman D.

Military sexual trauma among US servicewomen during deployment: a qualitative study.

Am J Public Health. 2014 Feb;104(2):345-9. PMID: 24328617

22 female veterans were interviewed by phone about military sexual trauma and the barriers to reporting and obtaining services.

#### Cultural Issues

Mattocks KM, Sadler A, Yano EM, et. al. Sexual victimization, health status, and VA healthcare utilization among lesbian and bisexual OEF/OIF veterans.

J Gen Intern Med. 2013 Jul;28 Suppl 2:S604-8. PMID: 23807072

Lesbian and bisexual female veterans were "significantly more likely to have experienced both military and childhood sexual trauma than heterosexual women (military sexual trauma: 31 % vs. 13 %; childhood sexual trauma: 60 % vs. 36 %), to be hazardous drinkers (32 % vs. 16 %) and rate their current mental health as worse than before deployment (35 % vs. 16 %)."

Caplan S, Whittemore R.

Barriers to treatment engagement for depression among Latinas.

Issues Ment Health Nurs. 2013 Jun;34(6):412-24. PMID: 23805926

For 12 Latinas referred for depression but who did not seek treatment, the usual cited barriers of language, economics and lack of illness recognition did not apply. They agreed they were depressed but instead barriers were cultural values such as familismo (strong commitment to family duties) and marianismo (female gender role of moral strength) and lack of responsiveness from family and religious leaders.

Kanuha VK.

"Relationships so loving and so hurtful": the constructed duality of sexual and racial/ethnic intimacy in the context of violence in Asian and Pacific Islander lesbian and queer women's relationships.

Violence Against Women. 2013 Sep;19(9):1175-96. PMID: 24142956

Interviews with 24 lesbian/queer Asian, Pacific Islander, and Native Hawaiian women about IPV revealed multiple themes with intersection of elements of ethnicity, gender and sexual identity, including the concept of "face" and negative reflection and subsequent shaming of one's family.

### Elder/Dependent Adult Abuse

Mukherjee D.

Financial exploitation of older adults in rural settings: a family perspective.

J Elder Abuse Negl. 2013;25(5):425-37. PMID: 23941423
In analyzing unemployed adult children migrating from urban center to smaller rural towns to live with their parents, attitudes of family caregivers regarding finances included: overestimating their parents' ability to manage finances, managing parents' finances informally without legal options like power of attorney, and thinking of their parents' assets as "almost theirs."

Radcliff TA, White A, West DR, Hurd D, Côté MJ.

Evaluation of a seven state criminal history screening pilot program for long-term care workers.

J Elder Abuse Negl. 2013;25(5):375-95. PMID: 23941421
In a federally sponsored pilot program to screen workers in long-term care settings, of 204,339 completed screenings 3.7% were disqualified due to criminal history and 18.8% were withdrawn prior to screening completion. Lessons learned will inform a new national background check program.

#### **Perpetrators**

Kleban H, Chesin MS, Jeglic EL, Mercado CC. **An exploration of crossover sexual offending.** 

Sex Abuse. 2013 Oct;25(5):427-43. PMID: 23144168

Looking at records of 208 incarcerated sex offenders with past sexual convictions, 20% had a prior victim of a different gender, 40% crossed over age categories, and 48% had varying relationships with the victims such as a family member or stranger.

Borja K, Ostrosky F.

Early traumatic events in psychopaths.

J Forensic Sci. 2013 Jul;58(4):927-31. PMID: 23550705
In clinical interviews with 194 male inmates on their abuse experiences prior to age 18, psychopathic inmates presented higher victimization levels and increased rates of specific types of intentional abuse such as being kicked, choked or burned, hit with objects, ridiculed, and forced to watch sexual acts.

#### Police and Court Systems

Hirschel D, Buzawa ES.

The impact of offenders leaving the scene on the police decision to arrest in cases of intimate partner violence. Violence Against Women. 2013 Sep;19(9):1079-103. PMID: 24142952

Using data from 25 police departments in four states, and controlling for a variety of characteristics, an IPV offender who fled the scene of an incident is more than 5 times less likely to be arrested than one who remained at the scene.

Cottler LB, O'Leary CC, Nickel KB, Reingle JM, Isom D. Breaking the blue wall of silence: risk factors for experiencing police sexual misconduct among female offenders.

Am J Public Health. 2014 Feb;104(2):338-44. PMID: 24328629

Of 318 women recruited from drug courts in St. Louis, 25% reported a lifetime history of police sexual misconduct. Of these women, 96% had sex with an officer on duty, 31% reported rape by an officer, and 54% were offered favors by officers in exchange for sex.

Munshi T, Brewster VL, Edwards HG, et. al.

Monitoring of the interconversion of gamma-butyrolactone (GBL) to gamma hydroxybutyric acid (GHB) by Raman spectroscopy.

Drug Test Anal. 2013 Aug;5(8):678-82. PMID: 23225646

Analysis of GHB (used in drug-facilitated sexual abuse) metabolism in different ethanol solutions as a function of pH, time, and temperature, to identify a time scale of detection after real life scenarios.

#### **Providers**

Zeman LD, Swanke J.

A review of intimate partner violence for case managers. Care Manag J. 2013;14(4):214-20. PMID: 24579268

"Effective identification involves screening and assessing risk of harm, severity of violence, and the survivor's readiness for change. Care planning involves working with the survivor and their families to build protective skills, make a safety plan, and build their life independent of violence."

McMahon-Howard J, Reimers B.

An evaluation of a child welfare training program on the commercial sexual exploitation of children (CSEC).

Eval Program Plann. 2013 Oct;40:1-9. PMID: 23689077

Description of an online training program for CPS workers on child sex trafficking.

van Toledo A, Seymour F.

Interventions for caregivers of children who disclose sexual abuse: a review.

Clin Psychol Rev. 2013 Aug;33(6):772-81. PMID: 23810845
Discussion of the impact on and needs of the nonoffending caregiver after a child's disclosure of
sexual abuse, including information, emotional
support, support around their own victimization if
relevant, and parenting assistance. A detailed
review of interventions is provided.

Raja S, Hoersch M, Rajagopalan CF, Chang P.

Treating patients with traumatic life experiences: Providing trauma-informed care.

J Am Dent Assoc. 2014 Mar;145(3):238-45. PMID: <u>24583888</u> Trauma-informed care for dental providers, including a proposed "trauma-informed pyramid".



#### BEHAVIORAL STRATEGIES

Ask your patient whether there is anything you can do to make him or her more comfortable.

If the patient seems worried or anxious about a specific procedure, ask him or her to think about what has helped with a stressful situation in the past.

Use tell-show-do desensitization to let the patient know what you are going to do in advance—give him or her an overview of the entire appointment. Use the tell-show-do technique during the appointment as needed.

Let the patient know that he or she can raise a hand (or use another signal) and you will stop the procedure, if it is medically safe to do so.

#### Chanmugam A.

### Social work expertise and domestic violence fatality review teams.

Soc Work. 2014 Jan;59(1):73-80. PMID: <a href="mailto:24640233">24640233</a>
Review of the history, purpose and potential of DV fatality review teams and the benefits of social worker involvement.

Tarini BA, Konczal LL, Goldenberg AJ, et. al.

### The perils of SNP microarray testing: uncovering unexpected consanguinity.

Pediatr Neurol. 2013 Jul;49(1):50-3. PMID: <u>23827427</u>
During the consent process for genetic testing of an affected baby, parent(s) should be informed about the possibility of uncovering consanguinity (blood relationship of biological parents), and geneticists should understand the psychological, legal and moral implications.

#### Jung K, Steil R.

A randomized controlled trial on cognitive restructuring and imagery modification to reduce the feeling of being contaminated in adult survivors of childhood sexual abuse suffering from posttraumatic stress disorder.

Psychother Psychosom. 2013;82(4):213-20. PMID: 23712073
Small German study on a successful 2 session
Cognitive Restructuring and Imagery Modification
treatment to help adult survivors of childhood
sexual abuse with PTSD modify the common feeling
of "being contaminated".

#### Researchers

#### Onat G.

### Development of a scale for determining violence against infertile women: a scale development study.

Reprod Health. 2014 Feb 28;11(1):18. PMID: <u>24576353</u>
Suggested scale evaluated in Turkey for DV in the infertility setting, with domains of domestic violence, social pressure, punishment, exposure to traditional practices, and exclusion.

#### Widman L, Olson M.

#### On the relationship between automatic attitudes and selfreported sexual assault in men.

Arch Sex Behav. 2013 Jul;42(5):813-23. PMID: <u>22618119</u>
Development of a rape attitude assessment that was significantly associated with sexual assault perpetration in samples of both college men and community men.

#### Other of Interest

Stylianou AM, Postmus JL, McMahon S.

### Measuring abusive behaviors: is economic abuse a unique form of abuse?

J Interpers Violence. 2013 Nov;28(16):3186-204. PMID: <u>23946140</u>

From interviews with 450 IPV survivors, economic abuse is conceptualized not as simply a form of psychological abuse, but as three separate constructs: economic control, economic exploitation, and employment sabotage. 75.8% of participants experienced psychological, physical and economic abuse together, reminding providers that economic abuse needs to be evaluated and may continue after leaving the relationship.

## Kelly PJ, Cheng AL, Spencer-Carver E, Ramaswamy M. A syndemic model of women incarcerated in community jails.

Public Health Nurs. 2014 Mar;31(2):118-25. PMID: 24588130
In looking at underlying factors for 290 women incarcerated in 3 urban Midwestern US jails, four variables showed significant pathways to incarceration: childhood sexual abuse, childhood physical abuse, domestic violence and mental health diagnoses.

#### Blaze J, Scheuing L, Roth TL.

# Differential methylation of genes in the medial prefrontal cortex of developing and adult rats following exposure to maltreatment or nurturing care during infancy.

Dev Neurosci. 2013;35(4):306-16. PMID: 23751776

Rats exposed to maltreatment or nurturing care during the first week of life showed differences in methylation of areas in the prefrontal cortex (brain areas with a role in cognition and psychiatric disorders), some of which did not show up until adulthood, and manifestations of which were different in males and females.

### Nummenmaa L, Glerean E, Hari R, Hietanen JK. **Bodily maps of emotions.**

Proc Natl Acad Sci U S A. 2014 Jan 14;111(2):646-51. PMID: 24379370

From experiments with 701 multi-ethnic adults, "We propose that emotions are represented in the somatosensory system as culturally universal categorical somatotopic maps [areas feeling warm or cold]. Perception of these emotion-triggered bodily changes may play a key role in generating consciously felt emotions."

