

Eric Baltrinic Ph.D., LPCC-S (OH), The University of Toledo Maiko Xiong, Ph.D., Kent State University

DESCRIPTION OF CO-OCCURRING DISORDERS

Definition

Co-occurring disorders involve the presence of one or more mental health disorder in conjunction with one or more substance use disorder. The terms co-occurring disorders and dual diagnosis are often used interchangeably (Denby, Brinson, & Ayala, 2011). In this brief, and consistent with the U.S. Department of Health and Human Services Substance Abuse and Mental Health Services Administration's (USDHHS-SAMHSA; 2006) language, the term co-occurring disorders will be used.

The term co-occurring disorders may imply a sort of similarity or homogeneity within the population due to the sharing of diagnoses and their associated challenges. While some symptoms may be common to adolescent clinical presentations, each adolescent who presents for treatment will have unique symptoms, historical antecedents, and skill sets, and require an individualized treatment plan (Hills, 2007).

Most research on co-occurring disorders has focused on the adult population, but increasingly, an emphasis is being placed on the treatment of adolescents (Hills, 2007; Riggs, 2003). When treating adolescents with co-occurring disorders it is important to remember that many of the treatment approaches in current use were developed for adults. As such, treatments must be adapted to the developmental needs of adolescents (Baltrinic, 2013; Minkoff & Cline, 2005).

The relationship between depression and substance use cannot be overstated. Findings from the 2009 SAMHSA national survey (2010) indicate:

- Adolescents who had major depressive episodes in the previous year were more likely to have used illicit drugs in the past year compared to youth who did not have past year major depressive episodes.
- Co-occurring substance use was specific to the use of marijuana, inhalants, hallucinogens, cocaine, or heroin, and the nonmedical use of prescription-type psychotherapeutics.
- Substance use or abuse is more likely to co-occur with the diagnosis of major depressive disorder among youth

Prevalence in the Adolescent Population

Co-occurring mental health and substance use disorders in adolescents are common (Lichtenstein, Spirito, & Zimmermann, 2010). However, adolescents' substance use patterns may not present as similar to those of adults. For example, adolescents may not appear to have the same physiological effects of substance use, endorse withdrawal symptoms, or use substances in predicable progressive patterns (i.e., binge use vs. continuous use). Nevertheless,

IDENTIFICATION/ASSESSMENT STRATEGIES

The high rates of co-occurring disorders in adolescents in clinical settings, combined with the deleterious consequences that can result from these disorders, suggest the need for counselors to screen for both mental and substance use disorders. Hawkins (2009) provided the following assessment recommendations:

- Use a comprehensive evaluation to assess behavioral health symptomology and other life domains that may be affecting, or affected by, co-occurring disorders.
- Substance use and mental health assessments should be individualized, flexible, and ongoing throughout treatment.

Instruments that may be useful to include in the assessment process include the following:

- The Drug Use Screening Inventory (DUSI) and a revised version of the instrument (DUSI-R) can be used to identify consequences of alcohol and drug involvement. The DUSI is a 149-item multidimensional instrument that measures drug and alcohol use along with comorbid mental health and psychosocial concerns. The DUSI-R adds 10 additional items and incorporates a "lie scale" to account for denial of problem areas. (See: DUSI; Tarter & Hegedus, 1991) The DUSI yields indices of functioning in 10 domains: substance use, behavior patterns, health status, psychiatric disorder, social competency, family system, school performance and adjustment, work performance and adjustment, peer relationships, and leisure/recreation.
- The Substance Abuse Subtle Screening Inventory Adolescent, is a 100-item questionnaire used to screen for substance abuse or dependence (SASSI-A2; Miller & Lazowski, 2001). According to the test developers, the SASSI-A2 identifies the probability of substance dependence and substance abuse disorders in adolescents and provides information relevant to family and social risk factors, the level of defensive responding, and the consequences of substance misuse. It is used with adolescents ages 12–18 years. For more information about the test, qualifications for users, and costs visit: <u>http://www4.parinc.com/Products/Product.aspx?ProductID=SASSI-A2</u>

INTERVENTION STRATEGIES

Overall, research has shown that family and behavioral treatment models have a strong evidence base and should be used when working with the adolescent co-occurring population. Intervention strategies that incorporate integrated treatment principles (see Minkoff & Cline, 2005) and address adolescents' functioning across multiple systems (e.g., school, home, & community settings) positively affect treatment outcomes. Further, intervention strategies that account for adolescents' developmental level (e.g., social-emotional intensity, the importance of peers, executive functioning differences vs. adults, the impact of substances on cognitive functioning) are also important treatment considerations. Specific treatment models that have proven efficacy for use with adolescents with co-occurring disorders include the following (Hawkins, 2009):

- Motivational enhancement therapy/cognitive behavioral therapy(MET/CBT) begins with sessions that focus on engaging clients into treatment, developing the motivation to change, and moving through the stages of change (Prochaska & DiClemente, 1993), whereas the CBT component stresses skill development and practicing coping skills to manage high-risk substance use situations (Dennis et al., 2004; Diamond et al., 2002).
- Seeking safety is described as a present-focused therapy intended to help clients with PTSD and substance

, , _ , _ I

NREPP: <u>http://www.nrepp.samhsa.gov/ViewIntervention.aspx?id=113</u>).
Multidimensional family therapy (MFT) uses a comprehensive approach that targets youth and parents

Interventions. Addiction,

_