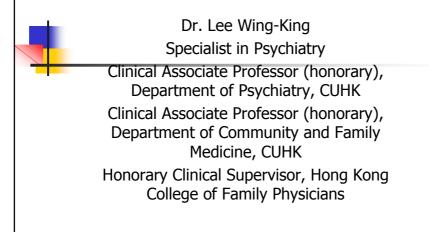
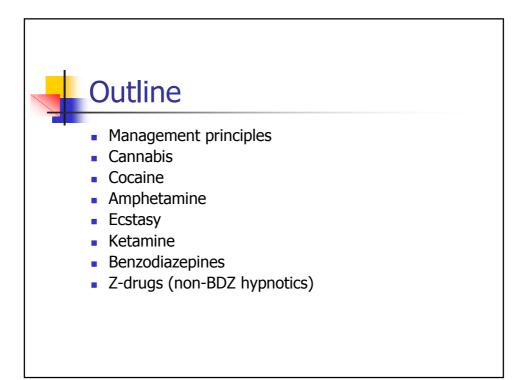
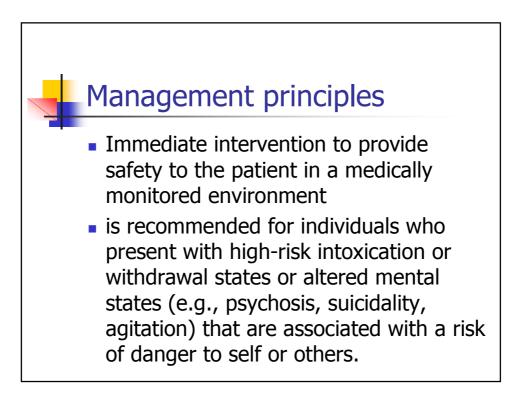
Psychiatric management of substance abuse

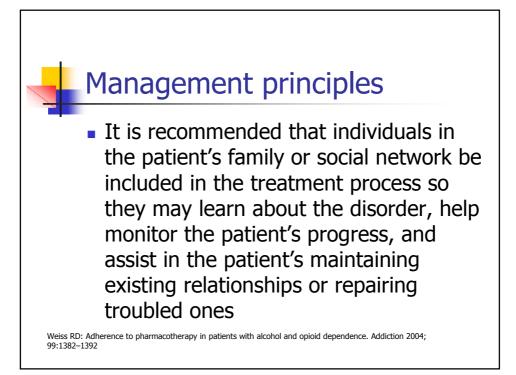






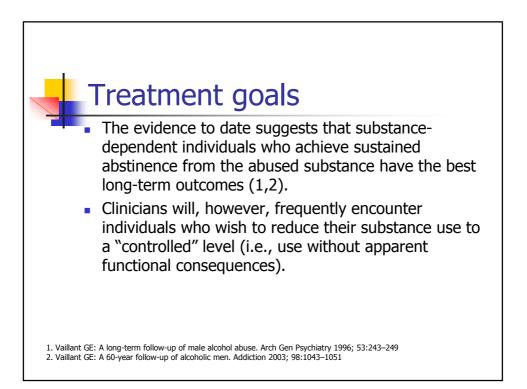
- As with treatment models for chronic diseases, treatment for individuals with substance use disorders occurs in temporal phases that include
- 1) initial assessment,
- 2) acute intervention,
- 3) long-term intervention and/or maintenance, with frequent reassessment during episodic flares in substance use

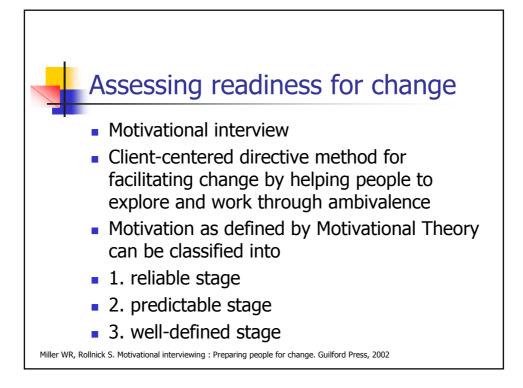


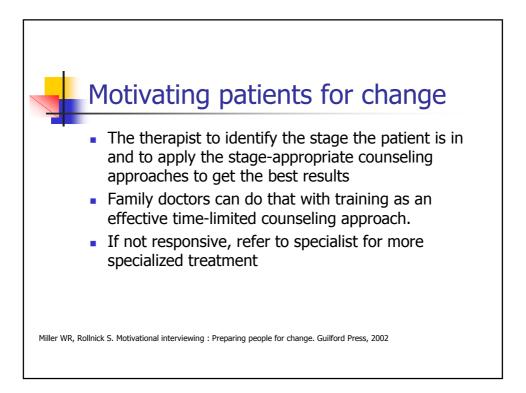






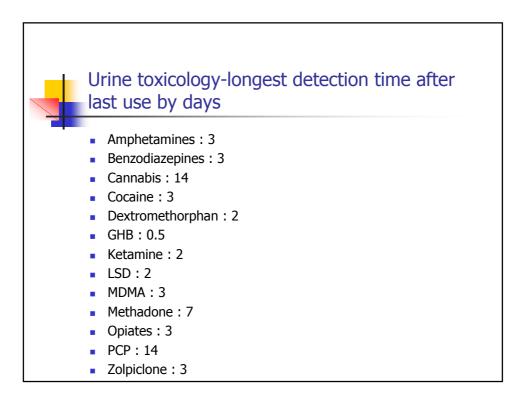








- Confirm suspected patients
- Detect the nature and number of illicit substances involved
- Beware of the detectability of drugs



Treatment goals

- Although some of these individuals, particularly those with less severe problems, may be helped to reach a stable level of use (e.g., "controlled" drinking) that does not cause morbidity, a goal of "controlled" substance use is unrealistic for most individuals presenting with a substance use disorder.
- Furthermore, setting "controlled" use as a primary goal of treatment may initially dissuade individuals from working toward abstinence.

Marlatt GA, Larimer ME, Baer JS, Quigley LA: Harm reduction for alcohol problems: moving beyond the controlled drinking controversy. Behav Res Ther 1993; 24:461–504

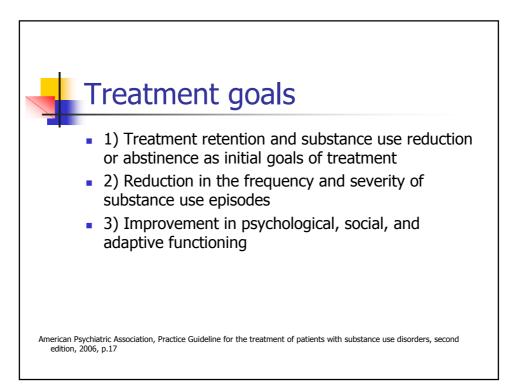
Treatment goals However, treatment may be initially facilitated by the clinician's accepting the patient's goal for moderation while sharing with the patient any reservations the clinician may have about the likelihood of success.

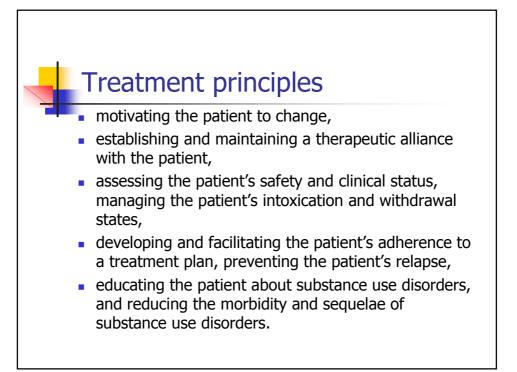
 If the clinician believes that any level of substance use for the individual carries a risk of acute or chronic negative consequences, he or she should share with the patient this concern and the belief that long-term abstinence would be the best course of action.

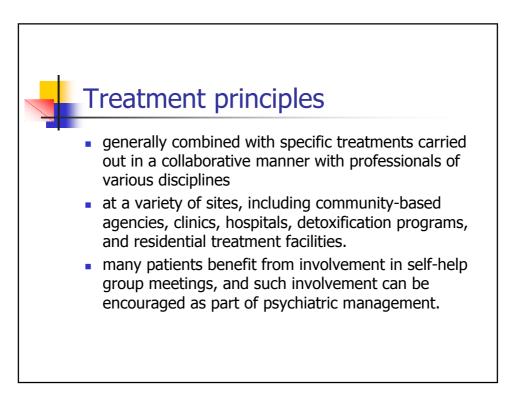
Treatment goals

 In certain circumstances it may be reasonable, however, for an individual to begin treatment by setting a short-term goal of reducing or containing dangerous substance use as a first step toward achieving the longer-term goal of sustained abstinence

Marlatt GA, Witkiewitz K: Harm reduction approaches to alcohol use: health promotion, prevention, and treatment. Addict Behav 2002; 27:867–886

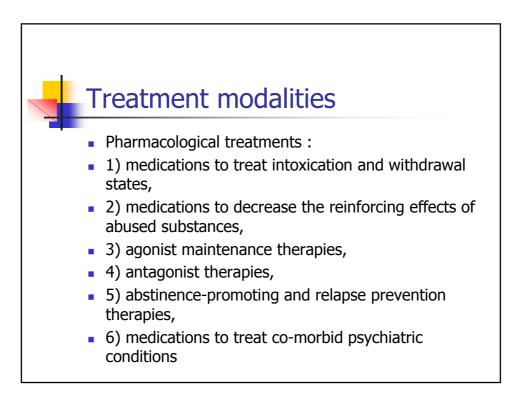


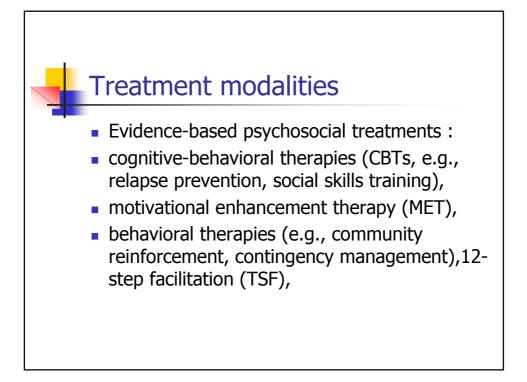


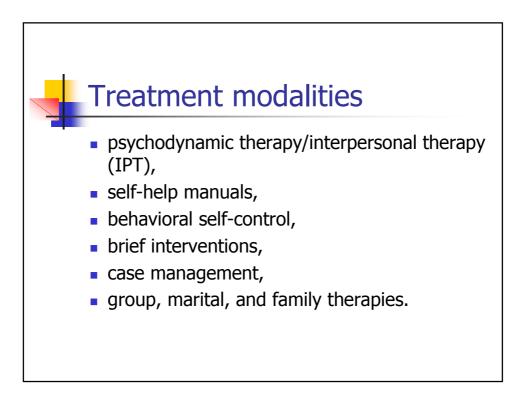




- Intoxication state
- Withdrawal state
- Dependence state

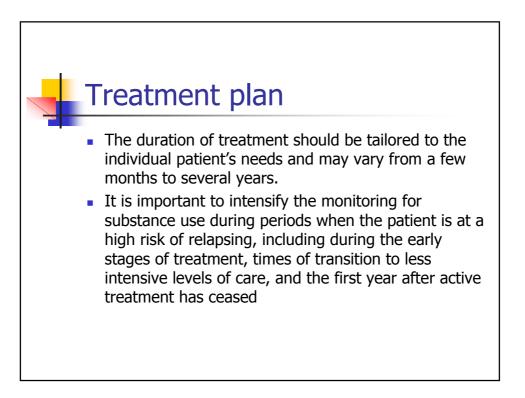


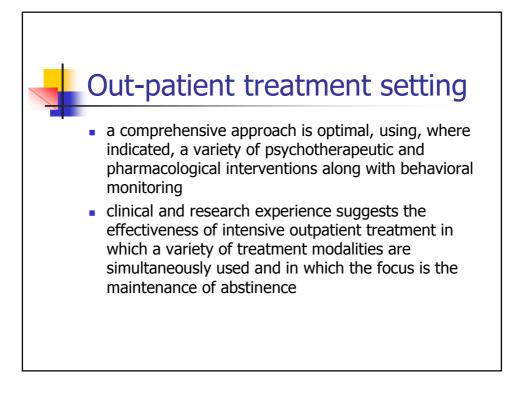


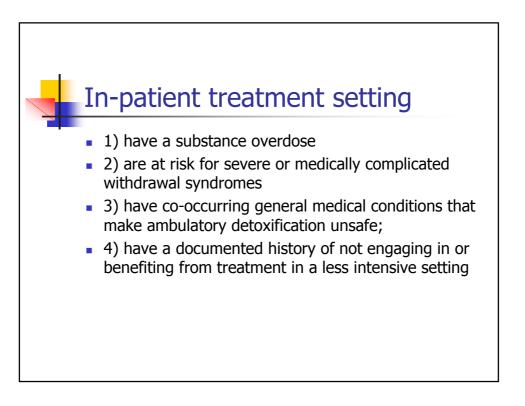


Treatment plan

- 1) psychiatric management;
- 2) a strategy for achieving abstinence or reducing the effects or use of substances of abuse;
- 3) efforts to enhance ongoing adherence with the treatment program, prevent relapse, and improve functioning;
- 4) additional treatments necessary for patients with a co-occurring mental illness or general medical condition.

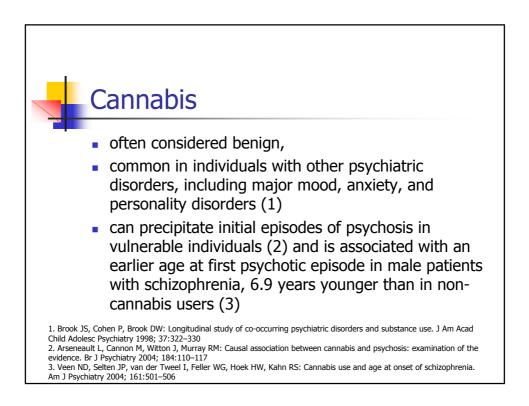








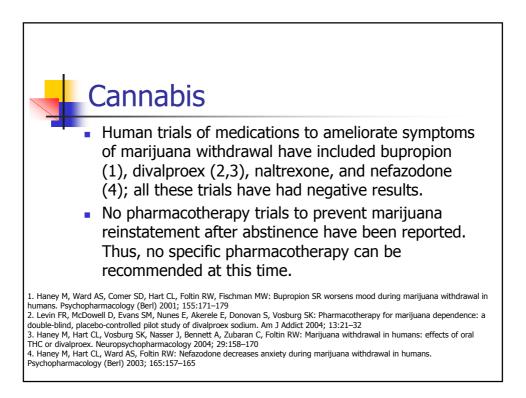
- 5) have a level of psychiatric co-morbidity that would markedly impair their ability to participate in, adhere to, or benefit from treatment or have a co-occurring disorder that by itself would require hospital level care (e.g., depression with suicidal thoughts, acute psychosis);
- 6) manifest substance use or other behaviors that constitute an acute danger to themselves or others; or
- 7) have not responded to or were unable to adhere to less intensive treatment efforts and have a substance use disorder(s) that endangers others or poses an ongoing threat to their physical and mental health



Cannabis

- Drug treatments for marijuana dependence have been studied infrequently, perhaps because of the belief held by many that marijuana is a benign substance whose use is easy to stop when desired.
- evidence from animal and clinical studies
- has suggested that a withdrawal syndrome occurs if chronic heavy use of cannabis is discontinued (1).
- Common symptoms are primarily emotional and behavioral, although appetite change, weight loss, and physical discomfort are frequently reported.

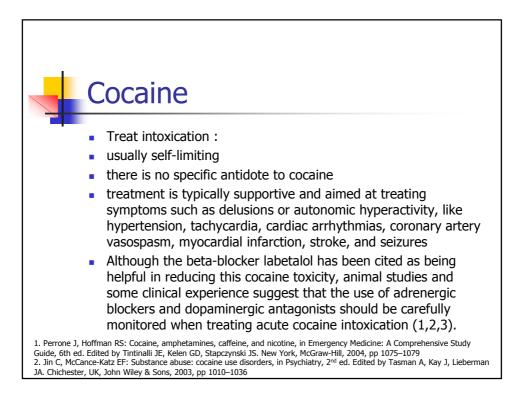
Haney M, Ward AS, Comer SD, Foltin RW, Fischman MW: Abstinence symptoms following oral THC administration to humans. Psychopharmacology (Berl) 1999; 141:385–394



Cannabis

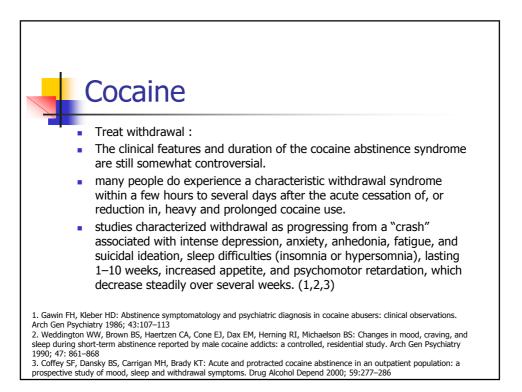
- Given the lack of pharmacotherapy for marijuana dependence, psychosocial treatments such as motivational therapy and relapse prevention are recommended
- brief motivational approach and a more intensive relapse prevention approach that combines motivational approaches with coping skills development
- A recent study of a manual-guided, group-based treatment for adolescents with mild to moderate substance abuse found that marijuana use (but not alcohol use) was significantly reduced at 6 months, with the reduction sustained at 12 months (1)

Battjes RJ, Gordon MS, O'Grady KE, Kinlock TW, Katz EC, Sears EA: Evaluation of a group-based substance abuse treatment program for adolescents. J Subst Abuse Treat 2004; 27:123–134



Cocaine

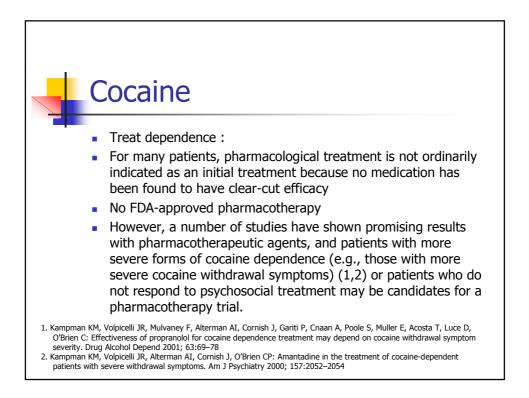
- Benzodiazepines are used for acute cocaine intoxication in patients who become extremely agitated and/or potentially dangerous (1).
- Although antipsychotic medications have been reported to be effective in treating delusions associated with cocaine/ amphetamine intoxication, most individuals recover spontaneously within hours (2) and thus require no treatment (3).
- There is no evidence that anticonvulsants prevent stimulantinduced seizures, and they are not recommended for this purpose.
- 1. Goldfrank LR, Hoffman RS: The cardiovascular effects of cocaine. Ann Emerg Med 1991; 20:165–175
- Gawin FH, Kleber HD: Abstinence symptomatology and psychiatric diagnosis in cocaine abusers: clinical observations. Arch Gen Psychiatry 1986; 43:107–113
 Chen CK, Lin SK, Sham PC, Ball D, Loh EW, Hsiao CC, Chiang YL, Ree SC, Lee CH, Murray RM: Pre-morbid characteristics
- Chen CK, Lin SK, Sham PC, Ball D, Loh EW, Hsiao CC, Chiang YL, Ree SC, Lee CH, Murray RM: Pre-morbid characteristics and co-morbidity of methamphetamine users with and without psychosis. Psychol Med 2003; 33:1407–1414

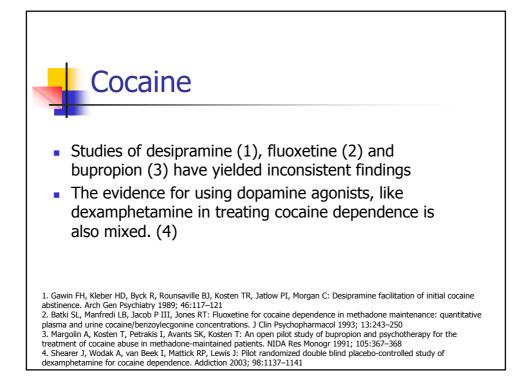


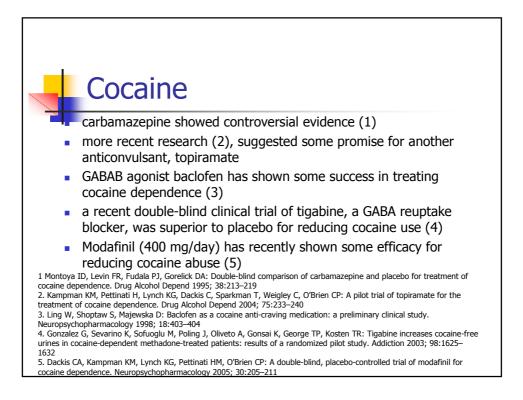


- Dopamine agonists, such as amantadine (200–400 mg/day)(1), and bromocriptine yielded controversial results in the treatment of cocaine withdrawal (2).
- Finally, a large study of pergolide (3) found no difference from placebo in either symptom reduction or continued cocaine use.
- Propranolol use limited to those with relatively severe withdrawal symptoms (4).

 Handelsman L, Chordia PL, Escovar IL, Marion IJ, Lowinson JH: Amantadine for treatment of cocaine dependence in methadone-maintained patients. Am J Psychiatry 1988; 145:533
Dackis CA, Gold MS: Bromocriptine as treatment of cocaine abuse. Lancet 1985; 1:1151–1152
Malcolm R, Kajdasz DK, Herron J, Anton RF, Brady KT: A double-blind, placebo-controlled outpatient trial of pergolide for cocaine dependence. Drug Alcohol Depend 2000; 60:161–168
Kampman KM, Volpicelli JR, Mulvaney F, Alterman AI, Cornish J, Gariti P, Cnaan A, Poole S, Muller E, Acosta T, Luce D, O'Brien C: Effectiveness of propranolol for cocaine dependence treatment may depend on cocaine withdrawal symptom severity. Drug Alcohol Depend 2001; 63:69–78









- For many patients with a cocaine use disorder, psychosocial treatments focusing on abstinence are effective.
- In particular, CBTs, behavioral therapies, interpersonal therapies, and 12-step-oriented individual drug counseling can be useful, although efficacy of these therapies varies across subgroups of patients.
- Recommending regular participation in a self-help group may improve the outcome for selected patients with a cocaine use disorder

