



DSM-5 – Insomnia Disorder 780.52

- A predominant complaint of dissatisfaction with sleep quantity or quality, associated with one (or more) of the following symptoms – difficulty initiating sleep, difficulty maintaining sleep, early morning awakening
- Sleep complaint is accompanied by significant distress or impairment in social, occupational or other important area of functions by presence of at least one of the following
- 3 nights per week
- · Present for 3 months
- · Occurs despite adequate opportunity for sleep
- Insomnia is not better explained by and does not occur exclusively during the course of another sleep wake disorder
- Not attributable to substances
- Coexisting mental disorders and medical conditions do not adequately explain the insomnia

APA, 2013



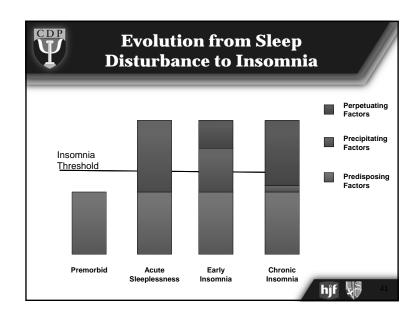


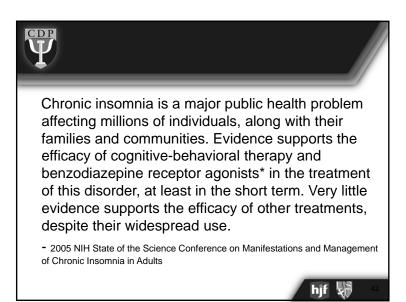


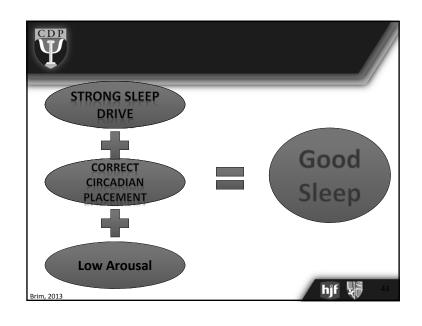
- Predisposing Factors
 - Arousal level
 - Genetics
 - Worry or rumination tendency
 - Previous Episodes
 - Sleep schedule

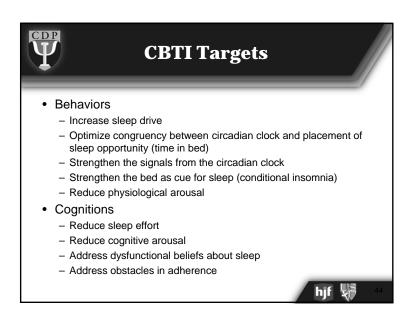
- Precipitating Factors
 - Situational Stressors
 - Illness or injury
 - Acute stress reactions
 - Environmental Changes
 - Sustained/Continuous Ops?
- Perpetuating Factors
 - Maladaptive Habits
 - Dysfunctional Cognitions



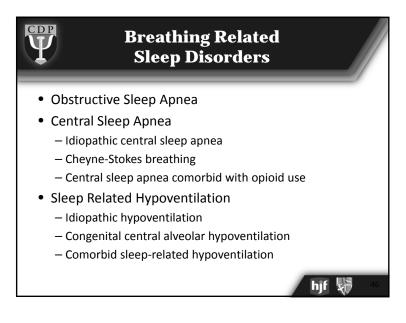


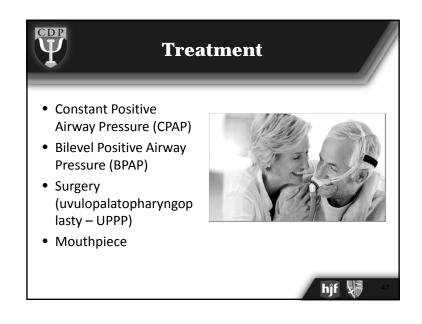


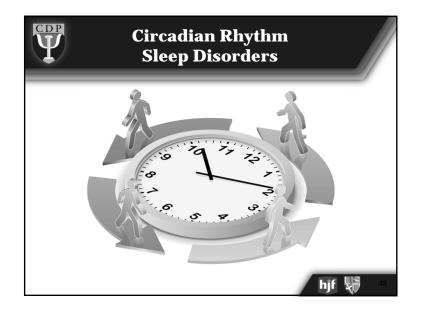


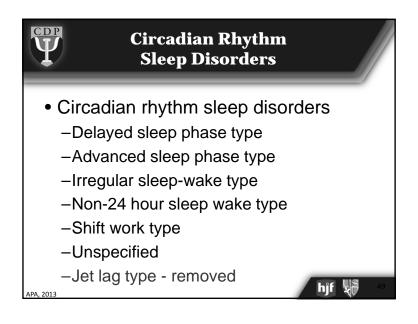


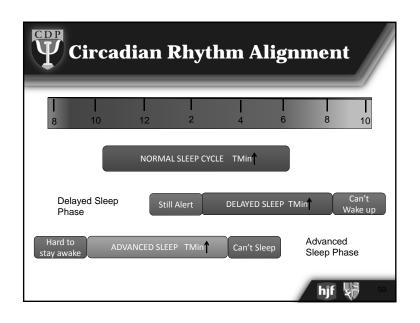
CBTI Components	
Technique	Goal
Stimulus Control	Strengthen bed & bedtime as sleep cues
Sleep Restriction	Restrict time in bed to increase sleep drive and consolidate sleep
Relaxation, buffer, worry time	Arousal reduction
Sleep Hygiene	Address substances, exercise, eating and environment
Cognitive Restructuring	Address thoughts and beliefs that interfere with sleep and adherence
Circadian Rhythm Entrainment	Shift or strengthen the circadian sleep wake rhythm 45



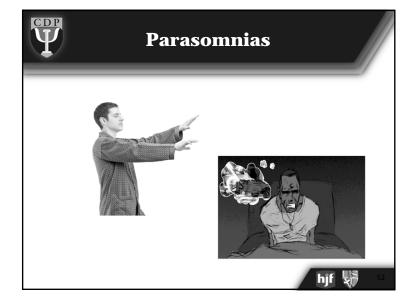














Parasomnias

- Non-Rapid Eye Movement
 - -Sleepwalking type
 - -Sleep terror type
- Nightmares
- REM Sleep Behavior Disorder
- Restless Legs Syndrome





Somnambulism

- •Up to 15 percent of adults occasionally get up and amble around the house in their sleep.
- •Close relatives of sleepwalkers are 10 times more likely to sleepwalk than the general population.
- •One study published in 2003 in the journal Molecular Psychiatry found that 19 percent of adult sleepwalkers had been hurt during their nocturnal forays.
- Treatment options
 - •Time
 - Short-term benzodiazepine





Nightmare Disorder

- A. Repeated awakenings from the major sleep period or naps with detailed recall of extended and extremely dysphoric dreams, usually involving active efforts to avoid threats to survival, security, or physical integrity. The awakenings generally occur during the second half of the sleep period.
- B. On awakening from the dysphoric dreams, the person rapidly becomes oriented and alert (in contrast to the confusion and disorientation seen in Sleep Terror Disorder and some forms of epilepsy).
- C. The dream experience, or the sleep disturbance resulting from the awakening, causes clinically significant distress or impairment in social, occupational, or other important areas of functioning.
- D. The nightmares do not occur exclusively during the course of another mental disorder (e.g., a delirium, Posttraumatic Stress Disorder) and are not due to the direct physiological effects of a substance (e.g., a drug of abuse, a medication) or a general medical condition.

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Discerning Between Sleep Events

- Bad dreams relatively common, negative affect, person does not awaken from sleep
- Night terrors individual is difficult to awaken, confused upon awakening, often inconsolable, partial-full lack of recall of event (often related to stress, medical problems)





Discerning Between Sleep Events

- Idiopathic nightmares awaken oriented, full recall of event, distressed, difficult to resume sleep
- Post-trauma nightmares clear precipitating event, awaken oriented, usually terrified, often vivid recall of event (not always), difficult to resume sleep, often include gross body movements





Nightmare Assessment Questions

- Did you have nightmares before the trauma?
- Did the nightmare awaken service member?
- How frequent are nightmares? Weekly?
- Which negative affect? Fear or anxiety? - Disgust, anger, sadness, guilt, frustration
- How severe are the nightmares?
- Have your nightmares changed over time?





How are PTSD nightmares different?

- Likely to be a replay of the traumatic event
- May occur earlier in the evening
- More likely to occur with gross body movements





Nightmare Treatment Options

- There are several protocols for imagery rehearsal and/or rescripting therapies for trauma nightmares
 - Exposure, Relaxation and Rescripting Therapy
 - Imagery Rehearsal Therapy
 - Imagery Rehearsal and Exposure Therapy





Rationale

- Nightmares are a learned behavior
- With repetition, nightmares become automatic involuntary behaviors
- Nightmares can be reduced by replacing them with a more desirable behavior







Main Components

- Brief protocol
- Psychoeducation
- Relaxation training
- Nightmare narrative (exposure)
- Restructure of nightmare
- Rehearse rescripted nightmare







Imagery Rehearsal Therapies

- Empirically supported for sexual assault survivors with PTSD (Hoge et al, 2004)
- Improve nightmare frequency in US Army Veterans (Mustafa et al, 2005)
- Meta-analysis confirmed that IRT improves nightmare frequency and sleep quality in a variety of trauma-related study samples and protocols (Casement & Swanson, 2012).
- Vietnam era veterans did not find IRT to be effective compared to an active control condition (Cook et al., 2010)
- The efficacy of IRT in Veterans with PTSD is still not fully determined.
- Use of Prazosin in conjunction with IRT







Recommended Reading

- Belenky G, Wesensten NJ, Thorne DR, et al. Patterns of performance degradation and restoration during sleep restriction
 - and subsequent recovery: a sleep dose-response study. J Sleep Res 2003; 12:1-13.
- Perlis, M et al. Cognitive behavioral therapy for insomnia: A session by session guide. 2008. Springer Press
- Morin, C Insomnia: A Clinician's Guide to Assessment and Treatment. 2003. Springer Press
- Davis, J.L. (2009). Treating Post-Trauma Nightmares: A cognitive-behavioral approach.
 New York, New York: Springer Publishing Company.
- Thompson, K. E., Hamilton, M., & West, J. A. (1995). Group Treatment For Nightmares In Veterans With Combat-Related PTSD. National Center for PTSD Clinical Quarterly 5(4).







