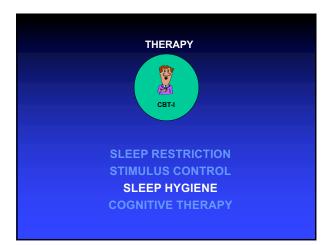
Overview

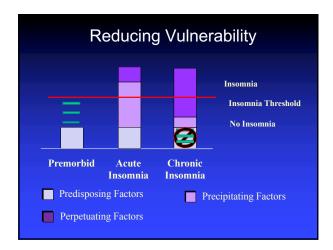
- Sleep Hygiene
- Addressing Arousal
- Cognitive Therapy (CT)



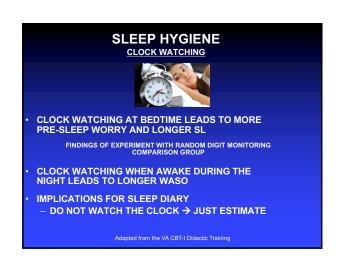
Sleep Hygiene

Healthy Sleep Practices

Necessary but rarely sufficient



Sleep Hygiene Healthy Sleep Practices 1. Clock watching 2. Environment: lighting, comfort & safety 3. Sleep and eating/drinking 4. Exercise 5. Substances 6. Reducing Arousal Goal: DECREASE VULNERABILITY TAKING APART THE LADDER

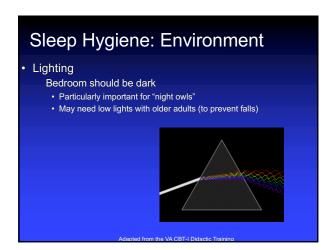








SAFETY SAFE ENVIRONMENT ESP. RELEVANT FOR THOSE: - WHO EXPERIENCED BED/NIGHT RELATED TRAUMA - WHO LIVE ALONE TEMPERATURE, SLEEPING SURFACE - COOL BUT NOT COLD - SLEEPING SURFACE ESPECIALLY IMPORTANT FOR PATIENTS WITH PAIN AND FOR OLDER ADULTS Adapted from the VA CBT-1 Didactic Training





Sleep Hygiene: Environment Noise Bedroom should be free from noise: Low irregular noises can cause orienting response Avoid low radio or TV sounds





SLEEP HYGIENE-MEALS



It is generally not a good to eat a heavy meal too close to bedtime (within 4hrs)

The digestive system slows during sleep and foods not completely digested can cause discomfort that disturbs sleep

For some eating anything at all before bedtime or when when awake in the middle of the night is particularly important for patients with GERD

Because feeling hungry may also interfere with sleep, a light snack is OK

Adapted from the VA CBT-I Didactic Trainin

SLEEP HYGIENE-LIQUIDS



Patients should consider decreasing liquids in the evening.

Not often part of most Sleep Hygiene lists?

Starting point of no more than 4-6 oz. 3-4hrs before BT.

Pt should be be encouraged to experiment.

Especially important for Pts with urinary frequency at night.

Sleep Hygiene: Exercise



- Traditional wisdom suggests no exercise within 4 hrs of BT?
- Exercise could be helpful to stay awake in evening
- Possibly can raise core body temp in ways that will aid in sleep onset
- Encourage experimentation

Adapted from the VA CBT-I Didactic Training

Sleep Hygiene: **Alcohol Recommendations**



- · Alcohol is not a good sleeping aid
- Initially relaxing, but as it is metabolized sedating effects diminish, sleep becomes fragmented and restless (REM rebound)
- · Abstinence can help with evening sleepiness

Sleep Hygiene: Caffeine



Caffeine is a stimulant with average 5 hours half-life

Caffeine binds to adenosine receptors – affecting sleep drive

Half-life impacted by

- Age: Caffeine is cleared more slowly from the body
- Liver function, body size, and amount ingested
 Pregnancy (longer 9-11 hours)

SLEEP HYGIENE

NICOTINE



HALF-LIFE IS APPROXIMATELY 2 HOURS

BECAUSE IT LEAVES THE BODY FAIRLY QUICKLY, CRAVINGS CAN OCCUR DURING THE MIDDLE OF **NIGHT**

NICOTINE HAS A PARADOXICAL EFFECT IT IS BOTH A RELAXANT AND STIMULANT

SLEEP HYGIENE NICOTINE COMMISSION NICOTINE CESSATION IS DESIRABLE BUT OFTEN NOT REALISTIC → FOCUS ON NICOTINE USE CLOSE TO BT AND IN THE MIDDLE OF THE NIGHT 1. AVOID NICOTINE TWO HOURS BEFORE BEDTIME 2. AVOID NICOTINE IN MIDDLE OF NIGHT 3. IF NON-NEGOTIABLE, DOSE MATTERS Adapted from the VA CBT-I Didactic Training

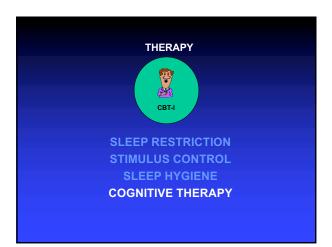
Sleep Hygiene Marijuana and Sleep • Administration - Long half life (1-3 days) - Faster to sleep (but prone to tolerance) - More waking • Withdrawal - Slower to sleep

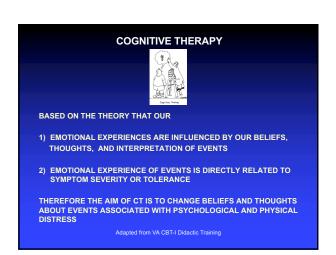
- More waking

· Recommendations similar to nicotine

Reducing Arousal: "Buffer Zone" A time to unwind before bedtime Shedding day's excitements and tensions will allow sleep to unfold naturally Activities enjoyable on their own are better than those taken as a means to an end Worksheet Helps patients come up with activities for unwinding Start with bedtime rituals

*** EXAMINATE CONTRACTOR ALL STATES** 1. COLUMN MINISTER CONTRACTOR 1. COLUMN MINISTER CONTRACTOR 1. COLUMN MINISTER CONTRACTOR 1. (LOCAL MINISTER CONTRACTOR CON





COGNITIVE THERAPY REDUCE SLEEP EFFORT CATASTROPHIC PREDICTIONS OF NEXT DAY EFFECTS WORRY ABOUT SLEEP AND CONSEQUENCES OF POOR SLEEP HELPLESSNESS RE DEALING WITH INSOMNIA CORRECT MISATTRIBUTIONS ABOUT INSOMNIA UNREALISTIC EXPECTATIONS "WHAT'S GOOD SLEEP" ENHANCE WILLINGNESS TO CHANGE SLEEP-RELATED BEHAVIORS AND ENGAGE IN COUNTER-INTUITIVE STRATEGIES

Cognitive Therapy How Cognitions Impact Sleep

Situation: Morning after poor sleep

<u>Jack</u>: "If I do not get 8 hours of sleep my day is ruined"

<u>Jill</u>: "I functioned on 6 hours of sleep before and did

OK"

The two will differ in how they:

- feel (anxiety level)
- will function that day
- will approach sleep that night
- Will adhere to CBT-I behavioral prescriptions

Adapted from VA CBT-I Didactic Training

TWO TYPES OF COGNITIVE THERAPY



- 1. General Cognitive Therapy
- 2. Targeted Cognitive Therapy

COGNITIVE THERAPY – GENERAL TYPES Education Worry Time

Cognitive Therapy Education Education about regulation of sleep changes erroneous beliefs • Sleep drive promotes sleep • Correct circadian placement promotes sleep • Anxious thoughts oppose sleep three and interfere with sleep • Conditioned arousal Education about the cognitive model • Effect of thoughts and beliefs on elsep-interfering behaviors (Safety Behaviors) • Trying to sleep interferes with sleep (Sleep Effort) • Realistic expectation about sleep • Proper sleep need • Normal sleep architecture • Don't expect perfect sleep (Acute Insomnia)

COGNITIVE THERAPY: EDUCATION PATIENT CONCERN: "IF I DO NOT GET ENOUGH SLEEP...." RELEVANT FACTS TO ADDRESS PATIENT CONCERNS POOR SLEEP USUALLY REDUCES ONE'S RESOURCES FOR DEALING WITH EXTRA BURDEN BUT ROUTINE PERFORMANCE IS RARELY AS COMPROMISED AS FEARED CONSEQUENCES OF INSOMNIA # CONSEQUENCES OF SLEEP DEPRIVATION FOR GOOD SLEEPERS PEOPLE WITH INSOMNIA ARE EXCEPTIONALLY EXPERIENCED IN COPING WITH INSUFFICIENT SLEEP

Worry Time

PLANNING FOR WORRY



- Set aside a time and place and <u>each day</u> to do the thinking, worrying, problem-solving, and planning that may interfere with sleep.
- Do not schedule too close to bedtime/wake time or in the bedroom.
- If intrusive thoughts occur during your sleep period, postpone them to next scheduled worry time.

Adapted from VA CBT-I Didactic Training

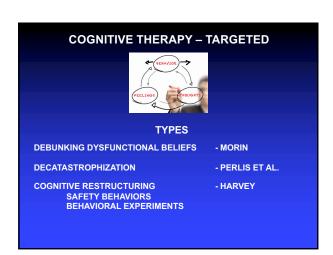
RATIONALE FOR WORRY TIME



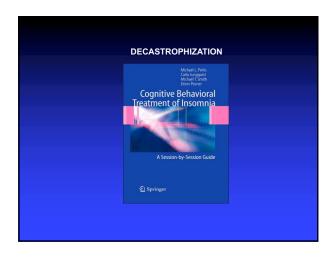
- Suppressing pre-sleep thought in <u>not</u> an effective method for quieting the mind.
 - o Thought suppression requires mental effort
 - Continued attempts to suppress thoughts may lead to more intense worrying / White Bear
- Thinking through one's worries (e.g. examining their validity) may defuse them
- Thinking should be done during day and not in bed at night

Adapted from VA CBT-I Didactic Training

THE WORRY PROTOCOL 4 EASY STEPS • Make a list of your worries, or just things you want to remember to do... • Pick just one worry. • Make the worry present and problem solve it. • Work on same worry each day until quieted. Adapted from VA CBT-I Didactic Training



DEBUNKING DYSFUNCTION BELIEFS (MORIN CT) HOW DO YOU KNOW WHAT PEOPLE THINK? ADMINISTER THE DBAS DYSFUNCTIONAL BELIEFS & ATTITUDES ABOUT SLEEP QUESTIONNAIRE LISTEN AND WATCH! PATIENTS FREQUENTLY DESCRIBE EXTREME BELIEFS ABOUT THEIR SLEEP NEED AND SLEEP ABILITIES AND OR THE CONSEQUENCES OF NOT MEETING THEIR SLEEP NEED FOLLOW THE BEHAVIOR PATIENTS WITH INSOMNIA FREQUENTLY ADOPT BEHAVIORS THAT ATTEST TO THEIR DYSFUNCTION BELIEFS Adapted from VA CBT-I Didactic Training



Cognitive Therapy Decatastrophization Validity • What is the evidence a particular thought is true? Not true? • Is there an alternative explanation? Utility • What is the effect of believing this thought?

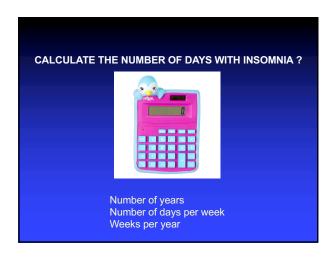
Cognitive Therapy Decatastrophization

Used to address anxiety caused by predictions of <u>catastrophic</u> or <u>low probability</u> negative outcome

- A series of questions that helps unveil an underlying catastrophic prediction
- Questioning the probability and/or validity of the catastrophic prediction
- Developing a genuine alternative prediction that lowers anxiety







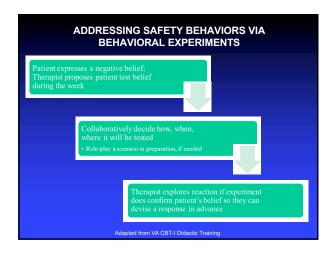
When you're lying there awake for what seems like forever, and you start to worry "If I don't sleep tonight , then tomorrow I'll _____. At that moment, how likely does it feel that _____ will happen? You've had ____ nights of insomnia and how many times did ____ happen? For that matter...ever had good nights and a worse day than expected? Ever had a terrible night and a better than expected day?

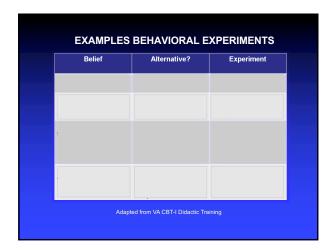
Cognitive Therapy: When Thought Restructuring Was Ineffective...

- Patient may have failed to fully express evidence that supports thought (numbers)
- Patient may have discounted evidence due to safety behaviors

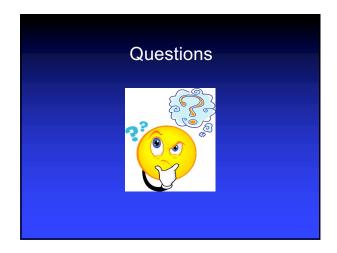
VA CBT-I Didactic Training

What are safety behaviors? Overt and subtle attempts to cope with poor sleep Attempts to control poor sleep What are behavioral experiments? Approach to challenge unhelpful beliefs about sleep Testing alternative thoughts and behaviors to bring about change in behavior









BREAK
Jan 191