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SIMILAR BUT DIFFERENT: Understanding & Treating Binge Eating Disorder & Night Eating Syndrome

Samantha DeCaro, PsyD Licensed Psychologist in PA Director of Clinical Outreach & Education at the Renfrew Center

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OUR AGENDA

- Binge Eating Disorder (BED): DSM-V Criteria, Risk Factors, Comorbidity, Complications, Definition of a Binge, Assessment
- Approaches to Treatment & the Role of Emotional Avoidance
- Creating safety: Weight stigma, fatphobia, and implicit biases in BED & NES treatment
- Night Eating Syndrome (NES): DSM-V Criteria, Differential
 Diagnosis, Comorbidity, 3 Core Problem Areas, Assessment
- Levels of Care & the Interdisciplinary Treatment Team
- Tools: ARC, Cognitive Reappraisals, Sleep Hygiene Tips, Food Emotional Journals

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THE DSM V: BINGE EATING DISORDER

Recurrent episodes of binge eating- an episode of binge eating is characterized by both of the following:

- Time Frame/Amount of Food
- Loss of Control



THE DSM V: BED CONTINUED

The Binge Episodes are associated with 3 or more of the following:

- Eating rapidly
- Eating until uncomfortably full
- Eating large amounts of food without hunger
- Eating alone due to embarrassment
- Feeling disgusted, depressed or guilty

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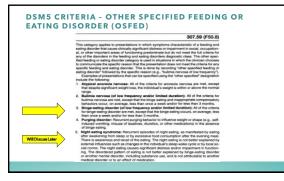
THE DSM V: BED CONTINUED

Final diagnostic criteria:

- Marked distress around the condition
- 1x per week for 3 months
- No compensatory behaviors
- Not during the course of BN AN, or Avoidant/Restrictive Food Intake Disorder

Severity Ratings- A New Feature









What Causes BED And Binge Eating?

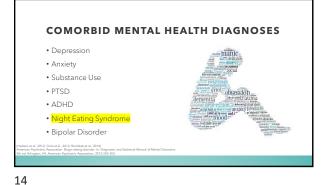
Some Theories: • Early Life Stress

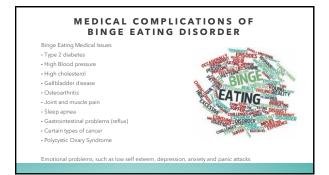


• Trauma & PTSD

• Maladaptive Affect Regulation Strategies

Neurobiological Factors (e.g., decreased D2R, opioid signaling dysfunction, reduced activity in impulse control regions of the brain)
 (2011) Minuted act 2020 Memory et al. 2020 Memory act, 2020 Memory 2021 (2014 Memory 2021)







- Estimated to affect 1.5% of women and 0.3% of men worldwide
- · Evidence that ED risk is compounded for marginalized populations (e.g., sexual & gender minorities A lifetime diagnosis of DSM-5 BED is reported by 0.6-1.8% of women and 0.3-0.7% of men
- Minority/Ethnic Groups: equally represented with similar prevalence rates (Margues et al., 2011)
- Gender differences less pronounced than other eating disorders
- · Pre-existing Type 2 Diabetes (BED & NES)
- Links found between ADHD and binge eating behaviors
- Age: Later Onset
- BED is more prevalent than AN and BN combined (Hudson et al., 2012) • BED comes in all shapes and sizes the
- Various minority statuses, oppression, deprivation, food scarcity, violence, trauma, and major mental illness may increase the risk (Kenis-Ruberne, 201)



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TRADITIONAL TREATMENT FOR BED

- Motivational Interviewing
- Psychoeducation
- Normalize Eating Patterns- not a weight loss plan
- Mindfulness Based Approaches
- CBT Based Approaches (Cognitive Behavioral Therapy)
- IPT (Interpersonal Therapy)
- DBT (Dialectical Behavior Therapy)
- Renfrew's Unified Treatment Model (RUTM): A Transdiagnostic Approach
- Medications

al., 2015; Linardon et al., 2017; Fairburn, 2013; Kristeller, J.L. & Wolever, R.Q., 2010]

ALTERNATIVE TREATMENT PHILOSOPHIES

Overeaters Anonymous (OA):

- Disease/Addiction Model
- 12 Step Approach
- Abstinence/Powerlessness
- Binge Eating viewed as
- chronic and without a cure

burn, 2013), http://www.oa.org)

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Health at Every Size (HAES)

- No Dieting
- Focus on **health** rather than weight
- Acceptance of all shapes and sizes
- Promotes individually appropriate, enjoyable, life-enhancing physica activity, rather than exercise that is focused on a goal of weight loss
- \bullet Believes obesity is $\textit{\textit{not}}$ the definitive cause of disease and mortality

https://asdah.org/

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Let's Talk About...Weight Stigma

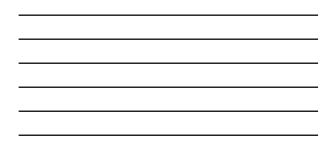
Discrimination or stereotyping based on a person's size. Weight stigma also manifests in fat phobia, the dislike or fear of being or becoming fat.



(Durso, 2012)









- Weight stigma poses a significant threat to mental & physical health. Studies suggest it is a significant risk factor for depression, low self-esteem, and body dissatisfaction.
- 79% of weight-loss program participants reported coping with weight stigma by eating more food.
- Decreases trust & willingness to seek out preventative services.
- Those who experience weight-based stigmatization engage in more frequent binge eating, are at increased risk for ED symptoms, and are more likely to have a diagnosis of BED.
- Negative comments regarding shape, weight, and eating from family members are all correlated with a BED diagnosis.

McCuen-Wurst et al., 2018 Andreyeva, T., Puhl, R. M. and Brownell, K. D. (2008). Changes in Perceived Weight Discrimination Among Americans, 1995-1996 Through 2004-2006. Obesity, 16: pp. 1129-1134

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WEIGHT IS NOT A RELIABLE MEASURE OF HEALTH OTHER MARKERS OF HEALTH INCLUDE:

- Blood Pressure
- Blood Sugar Levels
 Sleep Quality & Energy Levels
- Strength
- Cholesterol
- Mobility & Flexibility
- EKGs
- Lab Work
- Substance Use
 Temperature
- And more...
- -sta more.

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The Harmful Reality of BED Stigma

Stereotype that individuals with BED **lack selfdiscipline** (Etneter, Lattrer, and O'Brien, 2011)

A 2013 study found that a character with BED was blamed more for their condition than characters with anorexia nervosa, bulimia nervosa, and depression (there & Leme, 2011)

Studies have found that people associate a **lack of** self-control with BED more so than other eating disorders or various physical health conditions (^{OComment}, Menter, Mitheima, 2016)

BED Stigma is *separate* from Weight Stigma and can occur at all body sizes ^{11, K. & Grener, J.C., 2021}



If the recommendation is to "lose weight", ask instead:

"What medical advice

would you give a thin person with the <u>same issue</u>?"

HOW CAN WE DO AS PROVIDERS?

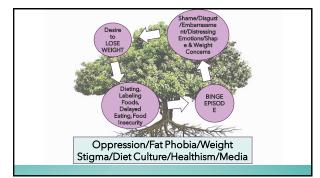
Examine our own biases with Harvard's free IAT (Implicit Association Test) https://implicit.harvard.edu/



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WHAT MAINTAINS THE BINGE EATING CYCLE?

The Restraint/Deprivation/ Scarcity Model

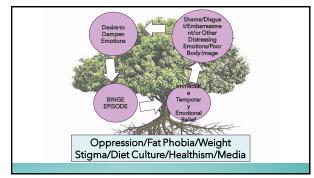


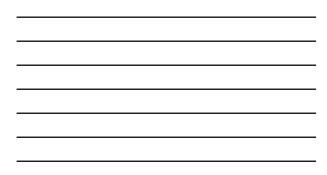
WHAT MAINTAINS THE BINGE EATING CYCLE?

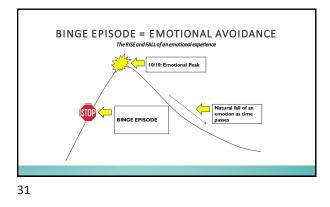
The Emotional Avoidance/Escape/ Affect Regulation Theory











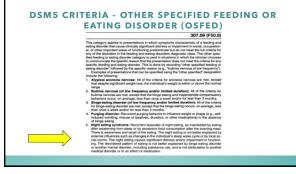






WHAT IS NIGHT EATING SYNDROME (NES)?

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5. Night eating syndrome: Recurrent episodes of night eating, as manifested by eating after awakening from sleep or by excessive food consumption after the evening meal. There is awareness and recall of the eating. The night eating is not better explained by external influences such as changes in the individual's sleep-wake cycle or by local social norms. The night eating causes significant distress and/or impairment in function-ing. The disordered pattern of eating is not better explained by binge-eating disorder or another mental disorder or to an effect of medication.
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PREVALENCE OF NES

The prevalence of NES is estimated at **1.5% in the general population** in the U.S., which is <u>similar to BED</u> <u>and higher than BN and AN</u>

Rand CS, Macgregor AM, Stunkard AJ, (1997). The night-eating syndrome in the general population and among post-operative obesity surgery patients. Int J Eat Disord, 22, pp. 65–69.

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WHAT IS NIGHT EATING SYNDROME (NES)?

Criterion A: <u>One or both</u> of the following must be present:

- At least <u>25%</u> of the food intake is consumed <u>after</u> the evening meal
- 2. At least **2** episodes of night eating **per week**



WHAT IS NIGHT EATING SYNDROME (NES)?

Criterion B:

Client is <u>aware</u> & <u>can recall</u> eating In the evening and/or in the middle of the night



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WHAT IS NIGHT EATING SYNDROME (NES)?

Criterion C: At least $\underline{\mathbf{3}}$ of the following:

- 1. Lack of desire to eat in the morning and/or breakfast is omitted on 4 or more mornings per week
- Strong urge to eat between dinner & sleep onset (evening hyperphagia) and/or during the night (nocturnal ingestions)
- Sleep onset and/or sleep maintenance insomnia are present 4 or more nights per week
- 4. Belief that one must eat to initiate or return to sleep
- 5. Mood is frequently depressed and/or mood worsens in the evenings

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WHAT IS NIGHT EATING SYNDROME (NES)?

Criterion D:

NES is associated with significant distress and/or impairment in functioning



WHAT IS NIGHT EATING SYNDROME (NES)?

Criterion E:

The disordered pattern maintained for at least

<u>3 months</u>



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WHAT IS NIGHT EATING SYNDROME (NES)?

Criterion F:

The disorder is <u>not</u> <u>secondary</u> to substance abuse or dependence, a medical disorder, medication or other psychiatric disorder



WHAT OTHER FACTORS?

- Highly restrictive/prolonged dieting: Physical & psychological scarcity
- . Internalized Weight Stigma and/or Fat Phobia
- . Emotional factors: Depression, anxiety, stress, boredom, low self esteem, & body image are common experiences with NES. Intense feelings of shame and embarrassment can delay assessment, diagnosis and treatment.



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NES AND BED

While several studies reported differences between NES and BED, a considerable proportion of patients with BED (18-50%) met criteria for NES

, C.Y., Mei-Chih, M.C., & Chang, C.H., 2018)

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NES AND COMORBIDITY

- Eating Disorders (prevalence estimates ranging from 5-44%)
 Difficulty falling asleep & staying asleep (disturbances may also precede NES)
- Depression
- Anxiety
- Mood Disorders
- Sleep Disorders
- Substance Use Disorders Low Self Esteem
- Life Stress & Stress About Weight Gain Exacerbate Symptoms Diabetes (prevalence of 9.7% in those with diabetes)
- Linked to Medical Issues (e.g., heart disease, increased blood pressure, high cholesterol, etc).

W.J.S. (2012). Night eating syndrome: A critical review of the literature. Clin Psychol Rev, 32, pp. 49–59

ASSESSMENT TOOLS FOR NES

Night Eating Syndrome History and Inventory (NESHI)

Night Eating Questionnaire (NEQ), a 14-item questionnaire used as a screening tool and symptom severity assessment for NES

The "pattern of eating" item from the Eating Disorder Examination (EDE) can assess the number of days when breakfast was skipped (part of NES criteria). The EDE is a commonly used and validated, semi-structured interview

Night Eating Symptom Scale can be used to measure treatment progress

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CONSEQUENCES OF DISTURBED SLEEP

Health Consequences

Fatigue

Cognitive Issues

• Mood

• Increased risk for psychological disorders

 Warning sign for serious medical or neurological problems



Source: APA_DSM-5-Sleep-Wake-Disorders.pdf (psychiatry.org

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ASSESSMENT FOR NES

Consider referring to sleep specialist to undergo a **<u>sleep study</u>**(aka: polysomnography):

- Diagnosis of sleep disorder involves a comprehensive assessment, including a detailed patient history, physical exam, questionnaires, sleep diaries, and testing.
- Sleep Disorders are addressed in similarly comprehensive ways involving behavioral, pharmacologic and other treatments in combination with medical care.

Source: APA_DSM-5-Sleep-Wake-Disorders.pdf (psychiatry.org)

DIFFERENTIAL DIAGNOSIS: WHAT'S AN SRED?

A sleep-related eating disorder (SRED) is a form of PARASOMNIA

2 TYPES:

Drug-induced sleep-related eating disorder: Drug-induced SRED results from taking certain medications.

Primary sleep-related eating disorder: Primary SRED affects people who have other <u>sleep</u> disorders. Certain medications may make primary SRED worse.

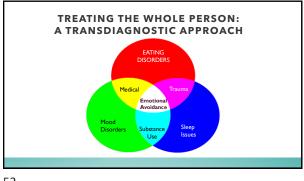
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DIFFERENTIAL DIAGN	OSIS: NES OR SRED?
Night Eating Episode	Parasomnia/Sleep Eating
Eating in the middle of the night Not hungry in the morning	Eating in the middle of the night Not hungry in the morning
Conscious Consumes <u>edible</u> foods <u>Not</u> associated w/ sleepwalking <u>Not</u> associated with PLMD, RLS, or OSA <u>Low risk</u> of accidental injury	Not fully conscious Might ingest harmful substances Associated with sleepwalking Associated with PLMD, RLS, or OSA <u>Risk</u> of accidental injury

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WHAT MAINTAINS NIGHT EATING SYNDROME?

- Major Life Stressors
- Thoughts & Beliefs
- Anxiety & Fear
- Poor Body Image
- Substance Abuse
- Dieting, Restricting, and Irregular Eating Patterns





TREATMENT FOR NIGHT EATING SYNDROME

CBT Based Approaches

- Pharmacological Treatments
- Improving Sleep Hygiene
- Reducing Stress & Body Image Work Normalize Eating Patterns
- Interdisciplinary Team



• Bright Light Therapy/Phototherapy Progressive Muscle Relaxation

n-Wurst C, Ruggieri M, Allison KC. (2018) Wal JS, Manido TM, Vercellone AC, et al. (2015)

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SLEEP HYGIENE TIPS*

- · Practice a sleep routine & pre-bedtime routine (even on weekends)
- Avoid naps during the daytime
 Go to bed when tired and don't stay in bed awake for more than 5-10
 minuter
- Don't watch TV, use the computer, or read in bed during the day or at night
- night Be mindful of caffeine consumption afternoon Avoid or limit substances that interfere with sleep (e.g., alcohol, cigan OTC meds)
- Clean fresh air
- Exercise in the morning or early afternoon
- Blue light blocking glasses
- If possible, create a dark, quiet & comfortable bedroom Place clock out of view

 Consider moving children and/or pets from your bed to a different bed d from: Sleep Hygiene Tips, Research & Treatments | American Sleep Association



KNOW YOUR CLIENT

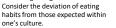
- Co-morbid Diagnoses (PTSD, Trauma, OCD, etc.)
- Cultural Considerations
- Marginalized Identity/Intersectionality
- Meal Completion Trends
- Client's Core Values: What Are They?
- Do They Know Their Own Patterns?

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DEVELOP A CULTURALLY SENSITIVE APPROACH

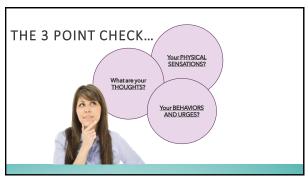
 $_{\odot}$ Explore cultural values

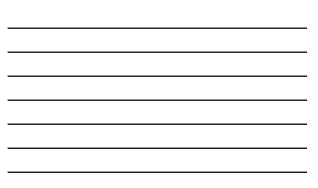
- Explore cultural values
 Explore the history of eating patterns within the client's family and culture
 Examine the client's level of
- Examine the client's level of acculturation, which may influence beliefs regarding food.
 Consider the deviation of eating

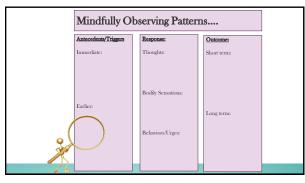


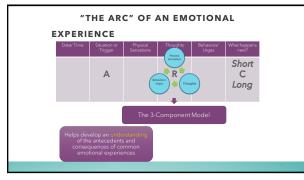


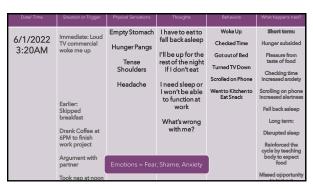
From the Renfrow Blog: Are We Really Helping? Counseling Diverse Clients With Esting Disorders By Paule Edwards-Gayfield, LCMHCS, LPC, CEDS-S

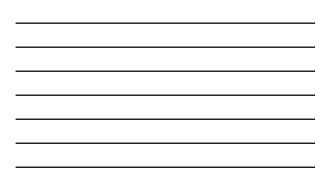












FOOD-EMOTION JOURNAL (FEJ)

- One of the <u>most important tools</u> to increase **awareness** of **connection** between *food* and *feelings*.
- Provides support, structure, and accountability for meeting nutritional needs
- Fill out before, during and after meals
- Complete daily
- Reviewed in nutrition sessions with RD





The	Renfrew Cent	ter D	aily Food-Emotio	n Journal		Patient Name:		Date:	Dietitian:
Con	plete this section	nåyı	our ★SUOS rating BE	FORE your meal		Com	plete this section & your *	SUOS rating AFTER your m	
	Exchanges			Meal Intention		Your Emotional Experience of the Meal		Thinking about the Consequences	
Rec	ord the exchanges your meal	for	Briefly record the serving sizes & what your meal consisted	State a specific gcal for this meal	The artecedents to your experience of the meal; i.e. the situation or trigger	Thoughts The thoughts going through your mind	Physical Sensations The physiological sensations you're feeling in your body	Behaviors/Urges The actors/behaviors you're doing, or sensing an urge do	Result(s) of your Enotional Experience The consequences, results or outcomes of your neal-line experience in the short term and in the long term
	Protein								Stor-Term
	Dairy Protein								
cfast	Sarch								Luc Ture
D roa	Fats								Long-Term:
	Fuit								
	Supplement			*SUDS					*SUDS

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COGNITIVE APPRAISALS & RE-APPRAISALS

- Automatic appraisal
- Practice ways to evaluate and reevaluate thinking patterns
- "Thinking Traps": Probability overestimation & Catastrophisizing
- Increase Flexibility in Appraisals

(Hilbert & Tuschen-Caffier, 2004; Leung et al., 1999; Mizes et al., 2000; Rosen, 1996; Waller et al., 2000)

Helping Your Client Re-Appraise Thinking Traps

(e	cooing to de-math	othe Avenable to Cons	Anion
10	evolute jumping alitically marries	to conclusions. Alter the probability of 18	criving probability control to action of loaring how to r level by the protocolic approach. The next map is to fair outcome actually happening. Eleventially, you want to at to test how Rock it is that your belief four will actually
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é,	Loss #	Tuppe	ns, can tiles through #2
s	8	really in ter	vise?

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BINGE FOOD/FORBIDDEN FOOD EXPOSURES



Food = Stimulus of Emotion

Exposure to food and associated emotions while refraining from avoidance & Emotionally Driven Behaviors in the present moment WITHOUT:

Safety signalsBehavioral AvoidanceCognitive Avoidance



BODY IMAGE WORK MAY ALSO INVOLVE:

- Identifying core values & interests outside of weight & appearance
- Unlearning internalized beliefs rooted in diet culture/fatphobia/weight stigma/healthism
- Eliminating avoidance strategies and leaning into anxiety
- Taking a neutral approach
- + Reframing goals (love your body \rightarrow think about body less)
- Exposure to diverse body shapes/sizes/abilities
- Media & Social Media Literacy
- Reconnecting with interoceptive sensations & cues
- Experiencing & tolerating pleasure of food & beyond
- Healing Trauma
- Social Justice Work
- Social Justice Wd

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