## SCISD-R

### Structured Clinical Interview for **Sleep Disorders** Revised

Daniel J. Taylor, PhD, C.BSM, D,ABSM Allison Wilkerson, PhD Kristi E. Pruiksma, PhD Jessica R. Dietch, PhD Sophie Wardle-Pinkston, MS

# SCISD-R

## Structured Clinical Interview for **Sleep Disorders** *Revised*

#### **Suggested citation:**

Taylor, DJ, Wilkerson, A, Pruiksma, KE, Dietch, JR, & Wardle-Pinkston, S. (2019). *Structured Clinical Interview for Sleep Disorders - Revised (SCISD-R)*. Retrieved from https://insomnia.arizona.edu/SCISD Acknowledgements: Mandy Silver, MD; Katherine Marczyk Organek, PhD; Jacob Williams, PhD Dana Larson, MA & Lucas Brilliott, MA

#### STRUCTURED CLINICAL INTERVIEW FOR SLEEP DISORDERS - REVISED (SCISD-R)

#### **Medical History**

Please list any **medical problems** that you are currently experiencing:

Please list any **mental health problems** that you are currently experiencing:

\_\_\_\_Caffeine (include workout supplements)

\_\_\_\_Illicit drugs or prescriptions that aren't yours

**Medications and substances** can impact sleep. Are you taking or using any of the following? (check all that apply):

\_\_\_\_Nicotine

- \_\_\_\_Prescriptions or over-the-counter medications
- \_\_\_\_Melatonin
- \_\_\_\_Alcohol
- \_\_\_\_No medications or substances (skip to next page)

Please provide details for any medications or substances you are taking:

Name	What do you take	How often do you	How much do you	How long have you
	it for?	take it?	take (dose)?	been taking it for?
			1	

Notes:\_

Date:

cations and sub

Name/ID:	
----------	--

Date: \_\_\_\_\_

Evaluator:

What are your **main concerns** about your sleep? \_\_\_\_\_

Please answer the following questions about your sleep on a <b>typical work night</b> (e.g., week night):	Work Nights (e.g., Week Night)
1. What time do you get into bed, on average?	AM/PM
2. What time do you try to go to sleep, on average?	AM/PM
3. Once you start trying to go to sleep, how long does it take you to fall asleep, on average?	hrsmin
4. How many times do you typically wake up, not counting your final awakening, on average?	
5. How long do these awakenings last (in total), on average?	hrsmin
6. What time is your final awakening, on average?	AM/PM
7. What time do you usually get out of bed for the day, on average?	AM/PM
8. How often do you nap or doze during your work days/weekdays?	
(if any) For how long? Are these naps intentional? $\Box$ Yes $\Box$ No	naps per week
9. How would you rate the average quality of your sleep on a work night/week night?	<ul> <li>Very Poor</li> <li>Poor</li> <li>Fair</li> <li>Good</li> <li>Very Good</li> </ul>
10. How long have you slept this way?	yrsmoswks

For interviewer/therapist use:	
Estimated work night Time in Bed:	
Estimated work night Total Sleep Time:	

#### CONTINUE ON NEXT PAGE

Name/ID:	Date:	Evaluator:

Is your sleep the **same** on the days you work/week days as it is on off days/weekend?  $\Box$  Yes  $\Box$  No If YES: Continue to question 11. If NO: Skip to question 21.

Please answer the following questions about your sleep on a typical night off of work	Off Work Nights				
(e.g., weekend night):	(e.g., Weekend Night)				
11. What time do you get into bed, on average?	AM/PM				
12. What time do you try to go to sleep, on average?	AM/PM				
13. Once you start trying to go to sleep, how long does it take you to fall asleep, on average?	hrsmin				
14. How many times do you typically wake up, not counting your final awakening, on average?					
15. How long do these awakenings last (in total), on average?	hrsmin				
16. What time is your final awakening, on average?	AM/PM				
17. What time do you usually get out of bed for the day, on average?	AM/PM				
18. How often do you nap or doze during your off days/weekend days?					
(if any) For how long? Are these naps intentional? $\Box$ Yes $\Box$ No	naps per week				
	□ Very Poor □ Poor				
19. How would you rate the average quality of your sleep on an off work night/weekend?	□ Fair □ Good				
	□ Very Good				
20. How long have you slept this way?	yrsmoswks				

#### **CONTINUE HERE**

21. If you work shift work or otherwise have an irregular sleep schedule, please describe: \_\_\_\_\_

22. If you had no responsibilities, what time would your body tell you to go to sleep and wake up?

\_\_\_\_AM/PM to \_\_\_\_\_AM/PM

23. Is there anything else that I should know about your sleep schedule?

For interviewer/therapist use:	
Estimated off work night Time in Bed:	
Estimated off work night Total Sleep Time:	

CRITERIA FOR INSOMINIA DISORDER							
<u>QUESTION</u>	<u>CRITERIA</u>		PRES	SENT			
<ul> <li>1. [If not known] Do you ever have difficulty falling asleep, staying asleep, or waking up too early in the morning? [Note. "Difficulty" is typically defined as ≥ 30 minutes]</li> </ul>	<ol> <li>A predominant complaint of dissatisfaction with sleep quantity or quality, associated with one (or more) of the following symptoms:         <ul> <li>Difficulty initiating sleep.</li> <li>Difficulty maintaining sleep (i.e., frequent awakenings or problems returning to sleep after awakenings).</li> <li>Early-morning awakening with inability to return to sleep.</li> </ul> </li> </ol>	?	1	2	3		
<b>2.</b> How many nights a week do you have difficulty falling or staying asleep?	<b>2.</b> The sleep difficulty occurs $\geq 3$ nights per week.	?	1	2	3		
<b>3.</b> How long have you had difficulty falling or staying asleep at least 3 nights per week?	<b>3.</b> The episode lasted $\geq 3$ months.	?	1	2	3		
<ul> <li>4a. How much does this sleep problem interfere with your life?</li> <li>4b. How does this sleep problem impact you during the day?</li> <li>For example, does this sleep problem cause fatigue, decreased energy, mood problems, worries about sleep loss, or interfere with work, family, or social interactions?</li> </ul>	<b>4.</b> The sleep disturbance causes clinically significant distress OR impairment in social, occupational, educational, academic, behavioral, or other important areas of functioning.	?	1	2	3		
<ul> <li>5a. [If not known] Do you think you have enough time to sleep?</li> <li>OR</li> <li>5b. [If not known] Do you think you would have this sleep problem if you had at least 7 hours to sleep?</li> </ul>	<b>5.</b> The sleep difficulty occurs despite adequate opportunity [e.g., lasting at least 7 hours] for sleep.	?	1	2	3		
6. [Refer to pg 1] How do you think the	6. The insomnia is not attributable to the	?	1	2	3		
medications (or substances) you are taking impact your difficulty sleeping?	physiological effects of a substance (e.g., a drug of abuse, a medication).	[R	levers	e Scoi	re]		
<b>7. [Refer to pg 1]</b> How do you think your other health problem(s) impact your difficulty sleeping?	<b>7.</b> Coexisting mental disorders and medical conditions do not adequately explain the predominant complaint of insomnia.	? [ <b>R</b>	1 Revers	2 e Scor	3 re]		
IF 1 FOR	ANV ITEM CO TO NEXT SECTION						

#### IF 1 FOR ANY ITEM, GO TO NEXT SECTION.

#### Insomnia DisorderIF 3 FOR ALL CRITERIA ABOVE.?123

**Note.** According to DSM-5, "When a complaint of nonrestorative sleep occurs in isolation (i.e., in the absence of difficulty initiating and/or maintaining sleep) but all diagnostic criteria with regard to frequency, duration, and daytime distress and impairments are otherwise met, a diagnosis of other specified insomnia disorder or unspecified insomnia disorder is made" (p. 363).

The DSM-5 does not define "adequate opportunity for sleep" in the insomnia disorder diagnostic criteria, but does indicate "despite a main sleep period lasting at least 7 hours" in the hypersomnolence disorder diagnostic criteria, so this example was used in the above definition.

The DSM-5 does not operationally define what constitutes a difficulty initiating or maintaining sleep. Many researchers consider at least 30 minutes to constitute a difficulty. [See Edinger, J. D., Bonnet, M. H., Bootzin, R. R., Doghramji, K., Dorsey, C. M., Espie, C. A., ... & Stepanski, E. J. (2004). Derivation of research diagnostic criteria for insomnia: report of an American Academy of Sleep Medicine Work Group. *Sleep*, *27*(8), 1567-1596. and Lichstein, K. L., Durrence, H. H., Taylor, D. J., Bush, A. J., & Riedel, B. W. (2003). Quantitative criteria for insomnia. *Behaviour Research and Therapy*, *41*(4), 427-445.]

DSM-5 specifies that insomnia "may occur during the course of another mental disorder or medical condition, or it may occur independently" (p. 363).

		Thresh	old ()	(03)	
	FOR HYPERSOMNOLENCE DISORDER				
	<u>RTS SLEEPING AT LEAST 7 HOURS PER NIG</u>	HT O	VAV	ERA(	<u>GE</u>
QUESTION	CRITERIA		PRE		<u> </u>
1a. [If not known] Would you say you are	1a. Self-reported excessive sleepiness	?	1	2	3
excessively sleepy?	(hypersomnolence) despite a main sleep period				
	lasting at least 7 hours, with at least one of the				
	following symptoms:				
<b>1b.</b> [If not known] Do you frequently take	□ 1b. Recurrent periods of sleep or lapses into				
naps or fall asleep unintentionally during the day?	sleep within the same day.				
1c. [If main sleep episode > 9 hours]	□ 1c. A prolonged main sleep episode of more				
Would you say that your sleep is	than 9 hours per day that is nonrestorative				
nonrestorative or unrefreshing?	(i.e., unrefreshing).				
<b>1d.</b> Do you find it difficult to be fully	□ 1d. Difficulty being fully awake after abrupt				
awake after sudden awakenings?	awakening.				
<b>2.</b> How often does this sleepiness occur?	<b>3.</b> The hypersomnolence occurs $\geq$ 3 times per	?	1	2	3
	week.				
<b>3.</b> How long have you had this sleep problem?	<b>3.</b> The episode has lasted $\geq 3$ months.	?	1	2	3
<b>4.</b> How much does this sleepiness interfere with your life?	<b>4.</b> The hypersomnolence is accompanied by significant distress or impairment in cognitive,	?	1	2	3
For example, do you have significant	social, occupational, or other important areas of				
difficulty waking up, or does daytime	functioning.				
sleepiness interfere with work, family, or	C				
social interactions?					
5. [Refer to pg 1] How do you think the	5. The hypersomnolence is not attributable to	?	1	2	3
medications (or substances) you are taking	the physiological effects of a substance (e.g., a	[ <b>R</b>	evers	e Sco	re]
impact your sleepiness?	drug of abuse, a medication).				
6. [Refer to pg 1] How do you think your	6. Coexisting mental disorders and medical	?	1	2	3
other health problem(s) impact your	conditions do not adequately explain the	[R	evers	e Sco	re]
sleepiness?	predominant complaint of hypersomnolence.				
	ANY ITEM, GO TO NEXT SECTION.				•
Hypersomnolence Disorder	IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3

	RHYTHM SLEEP-WAKE DISORDERS			/	
ASK ONLY IF PATIENT REPORTS INSOMNIA OR HYPERSOMNOLENCE SYMPTOMS					
QUESTION	<u>CRITERIA</u>		PRES	SENT	
Delayed Sleep Phase Type		?	1	2	3
<ul> <li>1a. [If not known] Do you often fall asleep later than most people do, for example at 1:00 am or later?</li> <li>1b. [If not known] Do you <i>also</i> have difficulty acting up at 0:00 am or certifier?</li> </ul>	<b>1.</b> A pattern of delayed sleep onset and awakening times (usually more than 2 hours), with an inability to fall asleep and awaken at a desired or conventionally acceptable earlier				
difficulty getting up at 9:00 am or earlier?	time.	?	1	2	2
<ul> <li>Advanced Sleep Phase Type</li> <li>2a. [If not known] Do you often fall asleep earlier than most people do, for example at 9:00 pm or earlier?</li> <li>2b. [If not known] Do you <i>also</i> often wake up at 5:00 am or earlier without an alarm?</li> </ul>	<b>2.</b> A pattern of advanced sleep onset and awakening times (usually more than 2 hours), with an inability to remain awake or asleep until the desired or conventionally acceptable later sleep or wake times.	?	1	2	3
Shift Work Type	1	?	1	2	3
<b>3.</b> Do you work shift work or the night shift on a regular basis (e.g., shift starts before 6:00 am or ends after 9:00 pm)?	<b>3.</b> Insomnia during the major sleep period and/or excessive sleepiness (including inadvertent sleep) during the major awake period associated with shift work schedule (i.e., requiring unconventional work hours).				-
Irregular Sleep-Wake Type		?	1	2	3
<b>4. [If not known]</b> Do you tend to take several naps in a 24-hour period rather than sleeping 6 to 8 hours at a time?	<b>4.</b> A temporally disorganized sleep-wake pattern, such that the timing of sleep and wake periods is variable throughout the 24-hour period.				
Non-24-Hour-Sleep-Wake Type		?	1	2	3
<b>5. [If not known]</b> Do you seem to only be able to get enough sleep if you go to bed and get up later and later each day?	<b>5.</b> A pattern of sleep-wake cycles that is not synchronized to the 24-hour environment, with a consistent daily drift (usually to later and later times) of sleep onset and wake times.				
	OR ALL, GO TO NEXT SECTION.				
6. Do you think this schedule is the main reason you are having problems with sleep and/or sleepiness?	6. A persistent or recurrent pattern of sleep disruption leading to <u>excessive sleepiness</u> , <u>insomnia</u> , or <u>both</u> that is primarily due to a misalignment between the endogenous circadian rhythm and the sleep-wake schedule required by an individual's physical environment or social or professional schedule.	?	1	2	3
7. How much do these problems with sleep and/or sleepiness interfere with your life? For example, does this sleep pattern cause fatigue, decreased energy, mood problems, or interfere with work, family, or social interactions?	<b>7.</b> The sleep disturbances causes clinically significant distress or impairment in social, occupational, and other important areas of functioning.	?	1	2	3
Circadian Rhythm Sleep-Wake Disorder	IF 3 FOR ANY OF 1-5 AND BOTH 6 & 7.	?	1	2	3
8. [If not known] How many nights a week	does this sleep problem occur?				

8. [If not known] How many nights a week does this sleep problem occur?

9. [If not known] How long have you had this sleep problem?

Note. DSM-5 does not specify bed times and wake times for Delayed Sleep Phase Type and Advanced Sleep Phase Type. The suggested times in the Questions are based on Thomas, S. J., Lichstein, K. L., Taylor, D. J., Riedel, B. W., & Bush, A. J. (2014). Epidemiology of bedtime, arising time, and time in bed: analysis of age, gender, and ethnicity. *Behavioral Sleep Medicine*, *12*(3), 169-182, doi:10.1080/15402002.2013.778202.

OBSTRUCTIVE SLEEP APNEA HYPOPNEA SYNDROME							
QUESTION	<u>CRITERIA</u>	PRESENT					
		ASK ALL QUESTI					
<b>1.</b> Do you snore loudly (louder than talking or loud enough to be heard through closed doors)?	<b>1.</b> Nocturnal breathing disturbances: snoring or snorting/gasping.	?	1	2	3		
<b>2.</b> Has anyone observed you stop breathing during your sleep?	<b>2.</b> Nocturnal breathing disturbances: breathing pauses during sleep.	?	1	2	3		
<b>3. [If not known]</b> Do you often feel tired, fatigued, or sleepy during the daytime?	<b>3.</b> Daytime sleepiness, fatigue, or unrefreshing sleep despite sufficient opportunities to sleep that is not better explained by another mental disorder (including a sleep disorder) and is not attributable to another medical condition.	?	1	2	3		
<b>4. [If not known]</b> Do you have, or are you being treated, for high blood pressure?	<b>4.</b> High blood pressure	?	1	2	3		
Possible Obstructive Sleep Apnea	IF 3 FOR $\geq$ 2 CRITERIA FROM ABOVE.	?	1	2	3		
Confirmed with PSG? PSG date?; Apnea hypopnea index (AHI):			1	2	3		
Definite Obstructive Sleep Apnea	Diagnosed with PSG	?	1	2	3		

**Note.** PSG = polysomnography. Overnight polysomnography is required to diagnose obstructive sleep apnea. The questions above are based on the STOP questionnaire (Chung, F., Yegneswaran, B., Liao, P., Chung, S. A., Vairavanathan, S., Islam, S., ... & Shapiro, C. M. (2008). STOP Questionnaire: A tool to screen patients for obstructive sleep apnea. *Anesthesiology: The Journal of the American Society of Anesthesiologists, 108*(5), 812-821. doi:10.1097/ALN.0b013e31816d83e4)

RI	bsent (no); $2 =$ Subthreshold (uncertain); $3 = 7$ ESTLESS LEGS SYNDROME	l'hresh	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	,	
QUESTION	CRITERIA		PRES	SENT	
<ul> <li>1a. Do you often have a very strong urge to move your legs? [If yes] Tell me about that.</li> <li>1b. Is this urge accompanied by an unpleasant sensation in your legs such as crawling, tingling, drawing, restlessness, or "electric" sensations?</li> </ul>	<b>1.</b> An urge to move the legs, usually accompanied by or in response to uncomfortable and unpleasant sensations in the legs.	?	1	2	3
<b>2.</b> Does this urge begin or worsen when you are resting or being inactive?	<b>2.</b> The urge to move the legs begins or worsens during periods of rest or inactivity.	?	1	2	3
<b>3.</b> Is the discomfort relieved by movement?	<b>3.</b> The urge to move the legs is partially or totally relieved by movement.	?	1	2	3
<b>4.</b> Are the symptoms worse in the evening or at night?	<b>4.</b> The urge to move the legs is worse in the evening or at night than during the day, or occurs only in the evening or at night.	?	1	2	3
<b>5.</b> Do you think these symptoms might just be because you are in an uncomfortable position? Are they just a nervous habit like foot tapping?	<b>5.</b> The restless legs symptoms are not better explained by a behavioral condition (e.g., positional discomfort, habitual foot tapping).	? [R	1 evers	2 e Sco	3 re]
<b>6.</b> How many nights a week does this occur?	<b>6.</b> The sleep difficulty occurs $\geq 3$ times per week.	?	1	2	3
7. How long have you had this sleep problem?	<b>7.</b> The sleep difficulty has persisted for $\ge 3$ months.	?	1	2	3
8. How much do these symptoms interfere with your life or sleep? For example, does this sleep problem cause difficulties falling or staying asleep or interfere with work, family, or social interactions?	<b>8.</b> The symptoms are accompanied by significant distress or impairment in sleep, social, occupational, educational, academic, behavioral or other important areas of functioning.	?	1	2	3
<b>9. [Refer to pg 1]</b> How do you think the medications (or substances) you are taking impact these restless legs symptoms?	<b>9.</b> The restless legs symptoms are not attributable to the physiological effects of a drug of abuse or medication (e.g., akathisia).	? [ <b>R</b>	1 evers	2 e Sco	3 re]
<b>10.</b> [ <b>Refer to pg 1</b> ] How do you think your other health problem(s) impact these restless legs symptoms?	<b>10.</b> The restless legs symptoms are not attributable to another mental disorder or medical condition (e.g., arthritis, leg edema, peripheral ischemia, leg cramps).	? [ <b>R</b>	1 evers	2 e Sco	3 re]
Restless Legs Syndrome	ANY ITEM, GO TO NEXT SECTION. IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3

	NIGHTMARE DISORDER				
QUESTION	CRITERIA		PRES	SENT	
<ul> <li>1a. [If not known] Do you frequently have disturbing dreams?</li> <li>1b. Do you remember these disturbing dreams?</li> <li>1c. What are the dreams about?</li> </ul>	<ul> <li>1a and 1b. Repeated occurrences of extended, extremely dysphoric, and well-remembered dreams</li> <li>[1c-e are not required for a score of 3]</li> <li>1c. That usually involve efforts to avoid threats to survival, security, or physical</li> </ul>	?	1	2	3
<ul> <li>1d. About what time of night does this happen?</li> <li>1e. Do these disturbing dreams typically cause you to wake up?</li> <li>2. Once you wake up from these dreams, do you quickly become alert and realize that you were having a dream?</li> </ul>	<ul> <li>integrity and</li> <li>1d. That generally occur during the second half of the major sleep episode.</li> <li>1e. That usually terminate with awakening and rapid return of full alertness.</li> <li>2. On awakening from the dysphoric dreams, the individual rapidly becomes oriented and alert.</li> </ul>	?	1	2	3
<b>3.</b> How much do these disturbing dreams interfere with your life or sleep? For example, do the disturbing dreams make it difficult to fall or stay asleep, impact your mood during the day, or interfere with work, family, or social interactions?	<b>3.</b> The sleep disturbance causes clinically significant distress or impairment in social, occupational, or other important areas of functioning.	?	1	2	3
<b>4.</b> [ <b>Refer to pg 1</b> ] How do you think the medications (or substances) you are taking impact these disturbing dreams?	<b>4.</b> The nightmare symptoms are not attributable to the physiological effects of a substance (e.g., a drug of abuse, a medication).	? [ <b>R</b>	1 evers	2 e Sco	3 re]
<b>5.</b> [ <b>Refer to pg 1</b> ] How do you think your other health problem(s) impact these disturbing dreams?	<b>5.</b> Coexisting mental and medical disorders do not adequately explain the predominant complaint of dysphoric dreams.	? [ <b>R</b>	1 evers	2 e Sco	3 re]
	ANY ITEM, GO TO NEXT SECTION.				
Nightmare Disorder	IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3
6. How often do you have disturbing dreams	that you remember?				

7. How long have you had disturbing dreams at this frequency?

**Note.** According to DSM-5, "Nightmares usually terminate with awakening and rapid return of full alertness. However, the dysphoric emotions may persist into wakefulness and contribute to difficulty returning to sleep and lasting daytime distress. Some nightmares, known as 'bad dreams,' may not induce awakening and are recalled only later." (p. 363)

#### NON-RAPID EYE MOVEMENT (REM) SLEEP AROUSAL DISORDERS: SLEEPWALKING TYPE <u>RECURRENT EPISODES OF INCOMPLETE AWAKENING FROM SLEEP, USUALLY OCCURRING DURING</u> THE FIRST THIRD OF THE MAJOR SLEEP EPISODE, ACCOMPANIED BY THE FOLLOWING:

THE FIRST THIRD OF THE MAJO	OR SLEEP EPISODE, ACCOMPANIED BY THE	FOL	LOWI	ING:	
QUESTION	<u>CRITERIA</u>	PRESENT			
<ul><li>1a. Do others tell you that you get out of bed and walk around during your sleep?</li><li>1b. About what time of night does this happen?</li></ul>	<b>1.</b> Repeated episodes of rising from bed during sleep and walking about. While sleepwalking, the individual has a blank, staring face. This generally occurs in the first third of the major sleep episode.	?	1	2	3
<ul><li>2a. Do you tend to be unresponsive to others during sleep walking?</li><li>2b. Do others find you difficult to awaken during these episodes?</li></ul>	2. Relatively unresponsive to the efforts of others to communicate with him or her; and can be awakened only with great difficulty.	?	1	2	3
<b>3.</b> Do you have <i>difficulty</i> recalling any dreams during these episodes?	<b>3.</b> No or little (e.g., only a single visual scene) dream imagery is recalled.	?	1	2	3
<b>4.</b> Do you have <i>difficulty</i> remembering these episodes?		?	1	2	3
<b>5.</b> How much does sleep walking bother you or others in your household or interfere with your life or sleep? For example, do the sleepwalking episodes interfere with work, family, or social interactions?	<b>5.</b> The episodes cause clinically significant distress or impairment in social, occupational, or other important areas of functioning.	?	1	2	3
<b>6. [Refer to pg 1]</b> How do you think the medications (or substances) you are taking impact the sleep walking?	<b>6.</b> The sleepwalking is not attributable to the physiological effects of a substance (e.g., a drug of abuse, a medication).	? [ <b>R</b> (	1 evers	2 e Scor	3 ·e]
<b>7. [Refer to pg 1]</b> How do you think your other health problem(s) impact the sleep walking?	<b>7.</b> Coexisting mental disorders and medical conditions do not adequately explain the episodes of sleepwalking.	? [ <b>R</b>	1 everse	2 e <b>Sco</b> i	3 re]
	ANY ITEM, GO TO NEXT SECTION.				
Non-REM Sleep Arousal Disorder, Sleepwalking type	IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3
8. [If not known] Do you eat food or other non-food materials during these episodes?	8. Unwanted recurrent episodes of eating with varying degrees of amnesia, ranging from no awareness to full awareness without the ability to not eat. During these episodes, inappropriate foods may be ingested. Individuals may find evidence of their eating only the next morning.	?	1	2	3
Specify: With sleep-related eating	IF YES TO QUESTION 8.	?	1	2	3
<b>9. [If not known]</b> Do you engage in sexual behavior without awareness during these episodes?	<b>9.</b> Varying degrees of sexual activity (e.g., masturbation, fondling, groping, sexual intercourse) occur as complex behaviors arising from sleep without conscious awareness.	?	1	2	3
<ul><li>Specify: With sleep-related sexual behavior (sexsomnia)</li><li>10. How many nights a week does this sleep</li></ul>	IF YES TO QUESTION 9.	?	1	2	3
<b>10.</b> How many nights a week does this sleep <b>11.</b> How long have you had this sleep proble	- -				

	Absent (no); 2 = Subthreshold (uncertain); 3 = 5 REM) SLEEP AROUSAL DISORDERS: SLEEP				
	ETE AWAKENING FROM SLEEP, USUALLY O				
	OR SLEEP EPISODE, ACCOMPANIED BY THE				
<b>QUESTION</b>	<u>CRITERIA</u>		PRES	SENT	
1a. [If not known] Do others tell you that	1. Recurrent episodes of abrupt terror arousals	?	1	2	3
you sometimes seem to awaken at night	from sleep, usually occurring during the first				
with intense fear or terror? [If nightmares	third of the major sleep episode and beginning				
are endorsed clarify "aside from a	with a panicky scream. There is intense fear and				
nightmare"]?	signs of autonomic arousal, such as mydriasis,				
1b. [If not known] About what time of	tachycardia, rapid breathing, and sweating,				
night does this happen?	during each episode. This generally occurs in				
	the first third of the major sleep episode.				
<b>2a.</b> Do you tend to be unresponsive to	2. Relative unresponsiveness to efforts of others	?	1	2	3
others during these episodes?	to comfort the individual during the episodes.				
<b>2b.</b> Do others find you difficult to awaken					
during these episodes?					
<b>3.</b> Do you have <i>difficulty</i> recalling any	<b>3.</b> No or little (e.g., only a single visual scene)	?	1	2	3
dreams during these episodes?	dream imagery is recalled.				
4. Do you have <i>difficulty</i> remembering	4. Amnesia for the episodes is present.	?	1	2	3
these episodes?					
<b>5.</b> How much do these episodes bother you	5. The episodes cause clinically significant	?	1	2	3
or others in your household or interfere	distress or impairment in social, occupational,				
with your life or sleep?	or other important areas of functioning.				
For example, do the sleep terror episodes					
interfere with work, family, or social					
interactions?					
6. [Refer to pg 1] How do you think the	6. The sleep terrors are not attributable to the	?	1	2	3
medications (or substances) you are taking	physiological effects of a substance (e.g., a drug	[ <b>R</b>	evers	e Scoi	e]
impact these episodes?	of abuse, a medication).				
7. [Refer to pg 1] How do you think your	7. Coexisting mental disorders and medical	?	1	2	3
other health problem(s) impact these	conditions do not adequately explain the	[R	evers	e Scoi	:e]
episodes?	episodes of sleep terrors.				
IF 1 FOD	ANN ITEM CO TO NEVT SECTION				
IF 1 FOK Non-RFM Sleen Arousal Disorder	ANY ITEM, GO TO NEXT SECTION.	•	1	2	3
INDUER REVESTIGED A CAUSAL EUSACAAC	ID SOLING ALLE KILD KIA AKLIVM			· · ·	

Non-REM Sleep Arousal Disorder, Sleep terror type	IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3	
8. How many nights a week does this sleep problem occur?						
9. How long have you had this sleep proble	em?					

REM	SLEEP BEHAVIOR DISORDER				
QUESTION	<u>CRITERIA</u>		PRES	SENT	
<b>1. [If not known]</b> Have you ever done anything unusual during sleep like acting out a dream?	<b>1.</b> Repeated episodes of arousal during sleep associated with vocalization and/or complex motor behaviors.	?	1	2	3
2. About what time of night does this happen?	<b>2.</b> These behaviors arise during rapid eye movement (REM) sleep and therefore usually occur more than 90 minutes after sleep onset, are more frequent during the later portions of	?	1	2	3
Does this ever happen during naps?	the sleep period, and uncommonly occur during daytime naps.				
<b>3.</b> Do you become immediately alert and oriented when you wake up from these episodes?	<b>3.</b> Upon awakening from these episodes, the individual is completely awake, alert, and not confused or disoriented.	?	1	2	3
<b>4a.</b> How much do these episodes bother you or others in your household or interfere with your life or sleep? For example, have you ever injured yourself or someone else during these events? Do these episodes distress others in your household or cause you embarrassment?	<b>4.</b> The behaviors cause clinically significant distress or impairment in social, occupational, or other important areas of functioning (which may include injury to self or the bed partner).	?	1	2	3
<b>5.</b> [ <b>Refer to pg 1</b> ] How do you think the medications (or substances) you are taking impact these behaviors?	<b>5.</b> The disturbance is not attributable to the physiological effects of a substance (e.g., a drug of abuse, a medication).	? [ <b>R</b>	1 evers	2 e Sco	3 re]
<b>6.</b> [ <b>Refer to pg 1</b> ] How do you think your other health problem(s) impact these behaviors?	<b>6.</b> Coexisting mental disorders and medical conditions do not explain the episodes.	? [ <b>R</b>	1 evers	2 e Sco	3 re]

IF 1 FOR ANY ITEM, GO TO NEXT SECTION.						
Possible REM Sleep Behavior Disorder	IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3	
Confirmed by Polysomnography?/	REM sleep without atonia on polysomnographic recording.	?	1	2	3	
Established Synucleinopathy Diagnosis?	A history suggestive of REM sleep behavior disorder and an established synucleinopathy diagnosis (e.g., Parkinson's disease, multiple system atrophy).	?	1	2	3	
Definite REM Sleep Behavior Disorder	Diagnosed with PSG <b>OR</b> meets all criteria above and has confirmed diagnosis of synucleinopathy	?	1	2	3	
7. How many nights a week does this sleep	problem occur?					
8. How long have you had this sleep problem	m?					

	NARCOLEFSI						
<u>ASK ONLY IF PATIENT ME</u>	ETS CRITERIA FOR HYPERSOMNOLENCE	DISC	ORDE	<u>'R</u>			
QUESTION	<u>CRITERIA</u>	PRESENT					
<ul><li>1a. [If not known] Do you suffer from daytime sleepiness?</li><li>1b. [If not known] Do you frequently fall asleep unintentionally during the day?</li></ul>	<b>1.</b> Recurrent periods of an irrepressible need to sleep, lapsing into sleep, or napping occurring within the same day.	?	1	2	3		
<ul> <li>2a. Do you ever experience sudden muscle weakness or paralysis when you become angry, amused, or emotionally excited?</li> <li>2b. Does this weakness affect both sides of your body?</li> </ul>	<ul> <li>2. Episodes of cataplexy occurring at least a few times per month defined as either:</li> <li>(a) In individuals with long-standing disease, brief (seconds to minutes) episodes of sudden bilateral loss of muscle tone with maintained consciousness that are</li> </ul>	?	1	2	3		
<b>2c.</b> How long do these episodes typically last?	<ul> <li>precipitated by laughter or joking</li> <li>OR</li> <li>(b) In children or individuals within 6</li> <li>months of onset, spontaneous grimaces or</li> <li>jaw-opening episodes with tongue thrusting</li> <li>or a global hypotonia, without any obvious</li> <li>emotional triggers.</li> </ul>						
<b>3.</b> How many nights a week does this problem occur?	<b>3.</b> The sleep difficulty occurs $\geq$ 3 nights per week.	?	1	2	3		
<b>4.</b> How long have you had this sleep problem?	<b>4.</b> The episode lasted $\geq 3$ months.	?	1	2	3		
IF 1 FOR	ANY ITEM, GO TO NEXT SECTION.						
Possible Narcolepsy	IF 3 FOR ALL CRITERIA ABOVE.	?	1	2	3		
Confirmed by polysomnography? PSG date:	/	?	1	2	3		
Confirmed by cerebrospinal fluid? CSF date:	_/	?	1	2	3		

#### NARCOLEPSY

committee by porysonmography : 1	50 date/	÷	1	2	5
Confirmed by cerebrospinal fluid?	CSF date:/	?	1	2	3
Definite Narcolepsy	The presence of <b>at least one</b> :	?	1	2	3
	1. Cataplexy (Criteria 2)				
	2. Diagnosed with PSG				
	3. Diagnosed with CSF				
5. How many days a week do you f	all asleep unintentionally or need multiple naps or have	ve muscle wea	kness	?	
( How loss how you had this also					

6. How long have you had this sleep problem?

? =insufficient information; 1 =Absent (no); 2 =Subthreshold (uncertain); 3 =Threshold (yes)

STRUCTURE	D CLINICAL INTERVIEW FOR DSM-5 SLEEP I	DISORDERS-REVISED (SCISD-I	R)
Module	Specify:		
Insomnia Disorder	Rate 3 only if the insomnia is not better explained by a during the course of another sleep-wake disorder (e.g., sleep disorder, a circadian rhythm sleep-wake disorder         □ Episodic (1-3 mo)       a □ Persistent (≥ 3 mo)       □ Rec         □ With non-sleep disorder mental comorbidity (includ         □ With other medical comorbidity       □ With other sleep         Currently using medications for insomnia?       □ No         If yes, medications sufficiently treat insomnia?       □ No	, narcolepsy, a breathing-related r, a parasomnia). current (≥ 2 episodes in 1 year) ing substance use disorders) o disorder □ Yes	?123
Hypersomnolence Disorder	exclusively during the course of another sleep-wake disorder (e.g., narcolepsy, a breathing-related sleep disorder, a circadian rhythm sleep-wake disorder, a parasomnia).         □ With mental disorder       □ With medical condition       □ With another sleep disorder         □ Mild (1-2/week)       a Moderate (3-4/week)       □ Severe (5-7/week)         □ Acute (< 1 mo)		?123
Circadian Rhythm Sleep-Wake Disorder	<ul> <li>□ Delayed sleep phase type</li> <li>□ Advanced sleep phase</li> <li>□ Irregular sleep-wake type</li> <li>□ Non-24-hour sleep-w</li> <li>□ Episodic (1-3 mo)</li> <li>□ Persistent (≥ 3 mo)</li> <li>Currently using medications for circadian rhythm sleep</li> <li>If yes, medications sufficiently treat circadian rhythm</li> </ul>	p disorder?	?123
Obstructive Sleep Apnea Hypopnea Disorder <sup>b</sup>	$\Box$ Possible $\Box$ DefiniteSeverity: $\Box$ Mild (AHI < 15)		?123
Restless Legs Syndrome			?123
Nightmare Disorder	□ During sleep onset □ With non-sleep disorder mental comorbidity (including substance use disorders) □ With other medical condition □ With other sleep disorder         □ Mild (> 1/mo, but < 1/week) □ Moderate (1 - 6/week) □ Severe (every night)		?123
Non-REM Sleep Arousal Disorder: Sleepwalking Type	□ With sleep-related eating □ With sleep-related sexu	ual behavior (sexsomnia)	?123
Non-REM Sleep Arousal Disorder: Sleep Terror Type			?123
REM Sleep Behavior Disorder <sup>b</sup>	Possible Definite	PSG Date: Synucleinopathy Dx Date:	?123
Narcolepsy Disorder <sup>b</sup>	<ul> <li>□ Possible □ Definite</li> <li>a□ Mild (cataplexy &lt; 1/week; naps 1-2/day)</li> <li>□ Moderate (cataplexy 1-7/week; naps &gt; 1/day)</li> <li>□ Severe (cataplexy &gt; 1/day; constant sleepiness)</li> </ul>	PSG Date: CSF Date:	?123

*Note:* / = "times per;" PSG = polysomnography; CSF = cerebrospinal fluid; <sup>a</sup> minimal frequency or duration required for diagnosis; <sup>b</sup> rate as possible unless confirmed by an accredited sleep disorders lab/center (or for narcolepsy, meets criteria for cataplexy).