

PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

This Pharmacy Coverage Guideline (PCG):

- Provides information about the reasons, basis, and information sources we use for coverage decisions
- Is not an opinion that a drug (collectively "Service") is clinically appropriate or inappropriate for a patient
- Is not a substitute for a provider's judgment (Provider and patient are responsible for all decisions about appropriateness of care)
- Is subject to all provisions e.g. (benefit coverage, limits, and exclusions) in the member's benefit plan; and
- Is subject to change as new information becomes available.

<u>Scope</u>

- This PCG applies to Commercial and Marketplace plans
- This PCG does not apply to the Federal Employee Program, Medicare Advantage, Medicaid or members of outof-state Blue Cross and/or Blue Shield Plans

Instructions & Guidance

- To determine whether a member is eligible for the Service, read the entire PCG.
- This PCG is used for FDA approved indications including, but not limited to, a diagnosis and/or treatment with dosing, frequency, and duration.
- Use of a drug outside the FDA approved guidelines, refer to the appropriate Off-Label Use policy.
- The "<u>Criteria</u>" section outlines the factors and information we use to decide if the Service is medically necessary as defined in the Member's benefit plan.
- The "Description" section describes the Service.
- The "<u>Definition</u>" section defines certain words, terms or items within the policy and may include tables and charts.
- The "Resources" section lists the information and materials we considered in developing this PCG
- We do not accept patient use of samples as evidence of an initial course of treatment, justification for continuation of therapy, or evidence of adequate trial and failure.
- Information about medications that require prior authorization is available at www.azblue.com/pharmacy. You must fully complete the request form and provide chart notes, lab workup and any other supporting documentation. The prescribing provider must sign the form. Fax the form to BCBSAZ Pharmacy Management at (602) 864-3126 or email it to Pharmacyprecert@azblue.com.

Criteria:

SUNOSI (solriamfetol)

- Criteria for initial therapy: Sunosi (solriamfetol) and/or generic equivalent (if available) are considered medically necessary and will be approved when ALL the following criteria are met:
 - 1. Prescriber is a physician specializing in the patient's diagnosis or is in consultation with a Pulmonologist or Sleep Medicine Physician
 - 2. Individual is 18 years of age or older
 - 3. Individual has a confirmed diagnosis of **ONE** of the following:

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

- Individual with <u>excessive daytime sleepiness</u> (EDS) associated <u>with narcolepsy</u> with ALL of the following:
 - i. Diagnosis confirmed by presence of clinical symptoms and polysomnography (PSG) followed by a multiple sleep latency test (MSLT) indicating sleep onset of less than 8 minutes and 2 or more sleep onset REM periods (**Note**: a SOREMP (within 15 min of sleep onset) on the preceding nocturnal polysomnogram may replace one of the SOREMPs on the MSLT) **AND** has an Epworth Sleep Scale (ESS) score of 10 or more
 - Failure, contraindication per FDA label, intolerance, or is not a candidate for <u>TWO</u> of the following categories:
 - 1. **ONE** of the following agents:
 - a. Armodafinil
 - b. Modafinil
 - 2. **ONE** of the following agents:
 - a. An amphetamine
 - b. Methylphenidate
- Individual with <u>excessive daytime sleepiness</u> (EDS) associated <u>with obstructive sleep apnea</u> (OSA) on continuous positive airway pressure (CPAP) or bi-level positive airway pressure (BiPAP) therapy with ALL of the following:
 - i. Using CPAP or BiPAP for at least one month prior to initiating treatment
 - ii. CPAP or BiPAP will be continued during treatment
 - Diagnosis confirmed by presence of clinical symptoms and polysomnography (PSG) showing 5 or more respiratory events/hour (apneas, hypopneas, respiratory effort-related arousals) with respiratory effort during each AND has an Epworth Sleep Scale (ESS) score of 10 or more
 - iv. Failure, contraindication per FDA label, intolerance, or is not a candidate for **modafinil or armodafinil**
- 4. Blood pressure is within normal limits, if not adequately controlled, appropriate medical treatment is initiated, or dose(s) adjusted for individuals already on blood pressure medication
- If available: Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a generic equivalent [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] (see Definitions section)
- 6. Individual does not have end stage renal impairment (eGFR less than 15 mL/min/1.73m²)
- 7. Agent will not be used in an individual with unstable cardiovascular disease, serious heart arrhythmias, or other serious heart problem
- 8. Agent will not be used with Nuvigil (armodafinil) or generic armodafinil or Wakix (pitolisant) or modafinil or oxybate salts (e.g., Xyrem, Xywav, Lumryz)
- 9. There are **NO** FDA-label contraindications, such as: concurrent treatment with a monoamine oxidase inhibitor (MAOI) or use of an MAOI within the preceding 14 days

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

Initial approval duration: 6 months

- Criteria for continuation of coverage (renewal request): Sunosi (solriamfetol) and/or generic equivalent (if available) are considered *medically necessary* and will be approved when ALL the following criteria are met (samples are not considered for continuation of therapy):
 - 1. Individual continues to be seen by a physician specializing in the patient's diagnosis or is in consultation with a Pulmonologist or Sleep Medicine Physician
 - 2. Individual's condition has responded while on therapy with response defined as improvement in **ONE** of the following:
 - a. There is no evidence of disease progression
 - b. There is significant improvement or stabilization in clinical signs and symptoms of disease is **ONE** of the following:
 - i. For Narcolepsy with EDS: reduced daily periods of uncontrollable need to sleep or daytime lapsing into sleep
 - ii. **For OSA with EDS**: reduction in apneas, hypopneas, respiratory effort-related arousals and reduced daily periods of uncontrollable need to sleep or daytime lapsing into sleep
 - 3. Individual has been adherent with the medication
 - If available: Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a generic equivalent [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] (see Definitions section)
 - 5. For OSA only: continuous use of CPAP or BiPAP
 - 6. Individual does not have end stage renal impairment (eGFR less than 15 mL/min/1.73m²)
 - 7. Agent will not be used in an individual with unstable cardiovascular disease, serious heart arrhythmias, or other serious heart problem
 - 8. Agent will not be used with Nuvigil (armodafinil) or generic armodafinil or Wakix (pitolisant) or modafinil or oxybate salts (e.g., Xyrem, Xywav, Lumryz)
 - 9. Individual has not developed any contraindications or other significant adverse drug effects that may exclude continued use as follows:
 - a. Contraindications as listed in the criteria for initial therapy section
 - b. Significant adverse effect such as:
 - i. Emergence or exacerbation of psychiatric symptoms
 - ii. BP or HR cannot be managed with dose reduction or use of appropriate medical interventions

Renewal duration: 12 months

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

- Criteria for a request for non-FDA use or indication, treatment with dosing, frequency, or duration outside the FDA-approved dosing, frequency, and duration, refer to one of the following Pharmacy Coverage Guideline:
 - 1. Off-Label Use of Non-Cancer Medications
 - 2. Off-Label Use of Cancer Medications

WAKIX (pitolisant)

- Criteria for initial therapy: Wakix (pitolisant) and/or generic equivalent (if available) are considered medically necessary and will be approved when ALL the following criteria are met:
 - 1. Prescriber is a physician specializing in the patient's diagnosis or is in consultation with a Pulmonologist or Sleep Medicine Physician
 - 2. Individual is **ONE** of the following:
 - a. 18 years of age or older with <u>excessive daytime sleepiness</u> (EDS) or <u>cataplexy</u> associated <u>with narcolepsy</u>
 - b. 6 years of age or older with excessive daytime sleepiness (EDS) associated with narcolepsy
 - 3. Individual has a confirmed diagnosis <u>excessive daytime sleepiness</u> (EDS) associated <u>with narcolepsy</u> <u>with or without cataplexy</u> confirmed by presence of clinical symptoms and polysomnography (PSG) followed by a multiple sleep latency test (MSLT) indicating sleep onset of less than 8 minutes and 2 or more sleep onset REM periods (Note: a SOREMP (within 15 min of sleep onset) on the preceding nocturnal polysomnogram may replace one of the SOREMPs on the MSLT) AND has an Epworth Sleep Scale (ESS) score of 10 or more
 - If available: Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a generic equivalent [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] (see Definitions section)
 - 5. **For EDS symptoms:** Individual has failure, contraindication per FDA label, intolerance, or is not a candidate for the following agents based on age of individual and diagnosis:
 - a. ONE of the following medications:
 - i. Armodafinil
 - ii. Modafinil
 - b. **ONE** of the following medications:
 - i. An amphetamine
 - ii. Methylphenidate
 - c. Sunosi (solriamfetol)
 - 6. **For cataplexy symptoms**: Individual has failure, contraindication per FDA label, intolerance, or is not a candidate for **TWO** REM sleep-suppressing drugs for cataplexy:
 - a. Venlafaxine (generic or brand Effexor XR)
 - b. Duloxetine (generic or brand Cymbalta)

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

- c. Fluoxetine (generic or brand Prozac)
- d. Protriptyline (generic or brand Vivactil)
- e. Clomipramine
- 7. Individual does not have end stage renal impairment (eGFR less than 15 mL/min/1.73m²)
- 8. Individual does not have a history of cardiac arrhythmias, torsade de point, symptomatic bradycardia, hypokalemia, hypomagnesemia, or congenital prolongation of QT interval
- 9. Agent will not be used with Nuvigil (armodafinil) or generic armodafinil or Sunosi (solriamfetol) or modafinil or oxybate salts (e.g., Xyrem, Xywav, Lumryz)
- 10. Individual does **NOT** have the FDA-label contraindication of severe hepatic impairment (Child-Pugh Class C)
- 11. There are no significant drug interactions
 - a. First-generation antihistamines such as diphenhydramine, promethazine, others
 - b. Drugs that prolong QT-interval such as amiodarone, sotalol, levofloxacin, amitriptyline, others

Initial approval duration: 12 months

- Criteria for continuation of coverage (renewal request): Wakix (pitolisant) and/or generic equivalent (if available) are considered *medically necessary* and will be approved when ALL the following criteria are met (samples are not considered for continuation of therapy):
 - 1. Individual continues to be seen by a physician specializing in the patient's diagnosis or is in consultation with a Pulmonologist or Sleep Medicine Physician
 - 2. Individual's condition responded while on therapy with response defined as improvement in **ONE** of the following:
 - a. There is no evidence of disease progression
 - b. There is significant improvement or stabilization in clinical signs and symptoms of disease is **ONE** of the following:
 - i. For Narcolepsy with EDS: reduced daily periods of uncontrollable need to sleep or daytime lapsing into sleep
 - ii. **For Narcolepsy with Cataplexy**: reduced episodes of sudden bilateral loss of muscle tone with maintained consciousness that are precipitated by laughter or joking
 - 3. Individual has been adherent with the medication
 - If available: Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a generic equivalent [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] (see Definitions section)
 - 5. Individual does not have end stage renal impairment (eGFR less than 15 mL/min/1.73m²)

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

- 6. Agent will not be used with Nuvigil (armodafinil) or generic armodafinil or Sunosi (solriamfetol) or modafinil or oxybate salts (e.g., Xyrem, Xywav, Lumryz)
- 7. Individual has not developed any contraindications or other significant adverse drug effects that may exclude continued use as follows:
 - a. Contraindications as listed in the criteria for initial therapy section
 - b. Significant adverse effect such as:
 - i. QT interval prolongation
 - ii. Torsade de pointe
- 8. There are no significant interacting drugs
 - a. First-generation antihistamines such as diphenhydramine, promethazine, others
 - b. Drugs that prolong QT-interval such as amiodarone, sotalol, levofloxacin, amitriptyline, others

Renewal duration: 12 months

- Criteria for a request for non-FDA use or indication, treatment with dosing, frequency, or duration outside the FDA-approved dosing, frequency, and duration, refer to one of the following Pharmacy Coverage Guideline:
 - 1. Off-Label Use of Non-Cancer Medications
 - 2. Off-Label Use of Cancer Medications

Description:

Sunosi (solriamfetol) is indicated to improve wakefulness in adult patients with excessive daytime sleepiness (EDS) associated with narcolepsy or OSA. Sunosi (solriamfetol) is not indicated to treat the underlying airway obstruction in OSA. The underlying airway obstruction should be treated (e.g., with continuous positive airway pressure (CPAP)) for at least one month prior to initiating Sunosi (solriamfetol) for excessive daytime sleepiness. Modalities to treat the underlying airway obstruction should be continued during treatment with Sunosi (solriamfetol). Sunosi (solriamfetol) is not a substitute for these modalities.

Wakix (pitolisant) is a histamine-3 (H3) receptor antagonist/inverse agonist indicated for the treatment of excessive daytime sleepiness (EDS) or cataplexy in adult patients with narcolepsy and for the treatment of excessive daytime sleepiness (EDS) in pediatric patients 6 years of age and older with narcolepsy.

The American Academy of Sleep Medicine has subdivided narcolepsy into two types: narcolepsy type 1 and narcolepsy type 2. In both EDS is an essential feature, with cataplexy a core feature in narcolepsy type1. Both types require laboratory tests to confirm the diagnosis. Laboratory testing includes sleep laboratory testing with overnight polysomnography (PSG) followed by a multiple sleep latency test (MSLT) and may also include cerebrospinal fluid (CSF) assessment of hypocretin-1 levels.

Narcolepsy is a chronic neurologic disorder of the central nervous system characterized by the brain's inability to control sleep-wake cycles, resulting in EDS and intermittent bouts of rapid eye movement (REM) sleep during

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

wakefulness. At various times throughout the day, individuals with narcolepsy experience irresistible and sudden bouts of sleep, which can last from a few seconds to several minutes. In addition to EDS, other major symptoms of narcolepsy include cataplexy (an emotionally triggered transient sudden loss of voluntary muscle tone), hypnagogic hallucinations (vivid dream-like images often frightening tactile, or auditory hallucinations during sleep onset or upon waking), and sleep paralysis (brief episodes of total paralysis, also during sleep onset or upon waking). Most individuals experience poor sleep quality that can involve frequent awakenings during nighttime sleep, and other sleep disorders. Sleep may be disrupted by insomnia, vivid dreaming, sleep talking, acting out while dreaming, and periodic leg movements. Patients with sleepiness severe enough to require medication can be treated with stimulant medications, such as armodafinil, modafinil, methylphenidate, or amphetamines.

OSA is the most common type of sleep apnea and is characterized by repeated episodes of complete or partial obstructions of the upper airway during sleep, despite the effort to breathe, and is usually associated with a reduction in blood oxygen saturation. In the OSA, the episodes of decreased breathing are called "hypopnea" (defined as $a \ge 30\%$ drop in flow for 10 seconds or longer, associated with $\ge 3\%$ oxygen desaturation). The episodes of breathing cessations are called "apneas" (literally, "without breath") and are defined, as $a \ge 90\%$ drop in flow for 10 seconds or longer and associated with $\ge 3\%$ oxygen desaturation, or an arousal. The number of events per hour are measured and reported as an apnea hypopnea index (AHI).

Moderate to severe OSA, is defined as a respiratory disturbance index [RDI] greater than 15 events per hour. Like the AHI, the RDI reports on respiratory events during sleep, but unlike the AHI, it also includes respiratory-effort related arousals (RERAs). RERAs are arousals from sleep that do not technically meet the definitions of apneas or hypopneas, but do disrupt sleep. They are abrupt transitions from a deeper stage of sleep to a shallower. A RERA is characterized by increasing respiratory effort (and thus decreasing esophageal pressures) for 10 seconds or more leading to an arousal from sleep, but one that does not fulfill the criteria for a hypopnea or apnea.

CPAP is the treatment of choice for a patient with OSA. A maximal effort to treat with CPAP for an adequate period of time should be made prior to initiating Sunosi (solriamfetol). Encouragement of and periodic assessment of CPAP compliance is strongly recommended. Certain medications with inhibitory effects on the central nervous system should be avoided if reasonable alternatives exist. Medications that may exacerbate OSA and worsen daytime sleepiness include benzodiazepine receptor agonists, barbiturates, other antiepileptic drugs, sedating antidepressants, antihistamines, and opiates. When such medications are felt to be necessary, their use in a patient with OSA should be monitored closely and the dose carefully titrated if possible

In OSA, Nuvigil (armodafinil), generic armodafinil, or Sunosi (solriamfetol) are indicated as an adjunct to standard treatment(s) for the underlying obstruction. If CPAP is the treatment of choice for a patient, a maximal effort to treat with CPAP for an adequate period of time should be made prior to initiating Nuvigil (armodafinil), generic armodafinil, or Sunosi (solriamfetol). If Nuvigil (armodafinil), generic armodafinil, or Sunosi (solriamfetol). If Nuvigil (armodafinil), generic armodafinil, or Sunosi (solriamfetol). If Nuvigil (armodafinil), generic armodafinil, or Sunosi (solriamfetol) are used adjunctively with CPAP, the encouragement of and periodic assessment of CPAP compliance is strongly recommended. Certain medications with inhibitory effects on the central nervous system should be avoided if reasonable alternatives exist. Medications that may exacerbate OSA and worsen daytime sleepiness include benzodiazepine receptor agonists, barbiturates, other antiepileptic drugs, sedating antidepressants, antihistamines, and opiates. When such medications are felt to be necessary, their use in a patient with OSA should be monitored closely and the dose carefully titrated if possible.

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

The mechanism of action of solriamfetol is unclear, but its efficacy may be related to its activity as a dopamine and norepinephrine reuptake inhibitor (DNRI). Solriamfetol is a derivative of phenylalanine.

The mechanism of action of pitolisant in EDS in adult patients with narcolepsy is unclear. However, its efficacy could be mediated through its activity as an antagonist/inverse agonist at histamine-3 (H3) receptors. An inverse agonist is a drug that binds to the same receptor as an agonist but induces a pharmacological response opposite to that of the agonist. Pitolisant binds to the H3 receptor with high affinity and has no appreciable binding to other histamine (H1, H2, or H4) receptors.

Definitions:

U.S. Food and Drug Administration (FDA) MedWatch Forms for FDA Safety Reporting MedWatch Forms for FDA Safety Reporting | FDA

Narcolepsy:

A disorder of sleep-wake control in which elements of sleep intrude into wakefulness and elements of wakefulness intrude into sleep. The result is the classic tetrad of chronic daytime sleepiness with varying amounts of cataplexy, hypnagogic hallucinations, and sleep paralysis. All patients have sleepiness, but only one-third of patients will have all of these symptoms

Cataplexy:

Sudden loss of muscle tone triggered by strong emotions (fear, surprise, joking or laughing); this is transient (less than 2 minutes); symptoms may involve the entire body, or only the knees, neck, or face

Epworth Sleepiness Scale (ESS):

- The ESS subjectively measures sleepiness as it occurs in ordinary life situations
- Can be used to screen for excessive sleepiness or to follow a subjective response to an intervention
- The ESS can be performed in the examination room or waiting room
- It is relatively simple and generally takes only a few minutes to complete
- It should be repeated at subsequent visits to assess for change
- A questionnaire describes eight situations:
 - Sitting and reading
 - o Watching television
 - o Sitting inactively in a public place
 - Riding as a passenger in a car for one hour without a break
 - o Lying down to rest in the afternoon when circumstances permit
 - o Sitting and talking with someone
 - Sitting quietly after lunch without alcohol
 - o Sitting in a car as the driver, while stopped for a few minutes in traffic
- Each situation receives a score of 0-3, which relates to the likelihood that sleep will be induced:
 - \circ 0 = would never doze
 - 1 = slight chance of dozing
 - 2 = moderate chance of dozing
 - \circ 3 = high chance of dozing
- The total ESS score ranges from 0-24, with higher scores correlating with increasing degrees of sleepiness

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

• A score > 10 is consistent with excessive sleepiness

Maintenance of Wakefulness Test (MWT):

- MWT is the ability to stay awake
- It objectively measures the ability of an individual to remain awake for a defined period of time
- It is based on the premise that individuals with a greater degree of sleepiness are less likely to remain awake than individuals with less sleepiness
- MWT may be used to assess an individual's response to therapy
- It is the direction of change, not the degree of change, that is meaningful
- During the MWT:
 - o Sit in a recumbent position
 - o Instructed to sit still and try to remain awake for as long as possible
 - Look directly ahead and do not look directly at the light
 - Avoid extraordinary measures to stay awake (e.g., slapping the face, singing)
 - o A session is ended after unequivocal sleep, or after 40 minutes if sleep does not occur
 - Sleep is considered unequivocal after three consecutive periods of stage 1 sleep or one period of any other stage of sleep
 - o For each session, the sleep latency is recorded
 - o It is documented as being 40 minutes if the patient does not fall asleep
 - This is repeated every two hours, until the patient has completed four sessions
- The primary measure from the MWT is the mean sleep latency
- Healthy individuals who complete four 40-minute protocol sessions, the mean sleep latency is approximately 30 minutes, with > 97% of individuals having a mean sleep latency of > 8 minutes
 - A mean sleep latency of < 8 minutes is generally considered abnormal
 - Staying awake for at least 40 minutes during all four sessions is strong objective evidence that an individual can stay awake
 - o A mean sleep latency between 8 and 40 minutes has uncertain significance

Multiple sleep latency test (MSLT):

- MSLT is the tendency to fall asleep
- It tests for excessive daytime sleepiness (EDS) by measuring how quickly one falls asleep in a quiet environment during the day
 - o EDS occurs when you are sleepy when you should be awake and alert
 - MSLT is the standard tool used to diagnose narcolepsy and idiopathic hypersomnia
- MSLT is a full-day test that consists of five scheduled naps separated by two-hour breaks
- During the MSLT
 - o Lying flat in bed for the MSLT
 - o Instructed to lie quietly, assume a comfortable position, keep eyes closed, and try to fall asleep
 - The test will measure how long it takes for to fall asleep
 - You will be awakened after sleeping 15 minutes
 - o If you do not fall asleep within 20 minutes, the nap trial will end

Residual excessive sleepiness (RES) in patients with obstructive sleep apnea (OSA):

Subjective complaint of excessive daytime sleepiness (EDS) that is present even when breathing and oxygenation parameters during sleep are normalized by successful use of OSA therapy. EDS is defined as the

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025

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PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

inability to maintain wakefulness and alertness during the major waking episodes of the day, with sleep occurring unintentionally or at inappropriate times.

Oxygen Desaturation:

- Reductions in blood oxygen levels (desaturation) are recorded during polysomnography or limited channel monitoring
- At sea level, a normal blood oxygen level (saturation) is usually 96-97%
- Although there are no generally accepted classifications for severity of oxygen desaturation, reductions to not less than 90% usually are considered mild
 Dips into the 80-89% range can be considered moderate, and those below 80% are severe

Apnea Hypopnea Index (AHI):

- The AHI is the number of apneas or hypopneas events per hour of sleep (i.e., apneas + hypopneas/total sleep time in hours)
- It is a measure sleep apnea severity; the apnea must last for at least 10 seconds and be associated with a decrease in blood oxygenation
- Based on the AHI, the severity of OSA is classified as follows:
 - None/Minimal: AHI < 5 per hour
 - Mild: $AHI \ge 5$, but < 15 per hour
 - Moderate: $AHI \ge 15$, but < 30 per hour
 - Severe: $AHI \ge 30$ per hour

Respiratory Disturbance (or distress) Index (RDI):

- Like the AHI, it reports on respiratory events during sleep, but unlike the AHI, it also includes respiratoryeffort related arousals (RERAs) (i.e., (apneas + hypopneas + RERAs/total sleep time in hours)
- RERAs are arousals from sleep that do not technically meet the definitions of apneas or hypopneas but do disrupt sleep. They are abrupt transitions from a deeper stage of sleep to a shallower stage
 - A RERA is characterized by increasing respiratory effort (and thus decreasing esophageal pressures) for 10 seconds or more leading to an arousal from sleep, but one that does not fulfill the criteria for a hypopnea or apnea
- Respiratory Event Index (REI) = apneas + hypopneas/total recording time

Diagnosis obstructive sleep apnea		
Sleep testing device	Index	Diagnostic criteria for OSA
Polysomnography*	Apnea Hypopnia Index (AHI)	AHI 5-14/hour sleep PLUS one or more sleep-associated conditions¶ or AHI ≥15/hour sleep
	Respiratory Disturbance Index (RDI)	RDI 5-14/hour sleep PLUS one or more sleep associated conditions¶ or RDI ≥15/hour sleep
Home sleep apnea device	Respiratory Event Index (REI)	REI ≥15/hour total recording time

ORIGINAL EFFECTIVE DATE: 04/18/2010 | ARCHIVE DATE: | LAST REVIEW DATE: 02/20/2025 | LAST CRITERIA REVISION DATE: 02/20/2025



PHARMACY COVERAGE GUIDELINE

SUNOSI[™] (solriamfetol) oral tablet WAKIX[®] (pitolisant) oral tablet Generic Equivalent (if available)

* Most polysomnography studies will report AHI, RDI, or both values

- ¶ Sleep-associated conditions include the following:
 - Sleepiness, nonrestorative sleep, fatigue, or insomnia symptoms
 - Waking up with breath holding, gasping, or choking
 - Habitual snoring, breathing interruptions, or both noted by a bed partner or other observer
 - Hypertension, mood disorder, cognitive dysfunction, CAD, stroke, CHF, atrial fibrillation, or type 2 DM

Resources:

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Sunosi (solriamfetol) product information, revised by manufacturer Axsome Therapeutics, Inc 07-2023. Available at DailyMed http://dailymed.nlm.nih.gov. Accessed November 21, 2024.

Wakix (pitolisant) product information, revised by manufacturer Harmony Biosciences, LLC 06-2024. Available. Available at DailyMed <u>http://dailymed.nlm.nih.gov</u>. Accessed November 21, 2024.

Scammell TE. Clinical features and diagnosis of narcolepsy in adults. In: UpToDate, Benca R, Eichler AF (Eds), UpToDate, Waltham MA.: UpToDate Inc. Available at <u>http://uptodate.com</u>. Literature current through November 2024. Topic last updated September 25, 2024. Accessed December 13, 2024.

Maski K, Kotagal S. Clinical features and diagnosis of narcolepsy in children. In: UpToDate, Scammell TE, Chervin RD, Eichler AF (Eds), UpToDate, Waltham MA.: UpToDate Inc. Available at <u>http://uptodate.com</u>. Literature current through November 2024. Topic last updated July 29, 2024. Accessed December 13, 2024.

Scammell TE. Treatment of narcolepsy in adults. In: UpToDate, Benca R, Eichler AF (Eds), UpToDate, Waltham MA.: UpToDate Inc. Available at <u>http://uptodate.com</u>. Literature current through November 2024. Topic last updated April 29, 2024. Accessed December 13, 2024.

Maski K, Kotagal S. Management and prognosis of narcolepsy in children. In: UpToDate, Scammell TE, Chervin RD, Eichler AF (Eds), UpToDate, Waltham MA.: UpToDate Inc. Available at <u>http://uptodate.com</u>. Literature current through November 2024. Topic last updated November 18, 2024. Accessed December 13, 2024.

Kline LR. Clinical presentation and diagnosis of obstructive sleep apnea in adults. In: UpToDate, Collop N, Finlay G (Eds), UpToDate, Waltham MA.: UpToDate Inc. Available at <u>http://uptodate.com</u>. Literature current through November 2024. Topic last updated October 09, 2024. Accessed December 13, 2024.

Pepin JL. Evaluation and management of residual excessive sleepiness in adults with obstructive sleep apnea. In: UpToDate, Collop N, Scammell TE, Finlay G (Eds), UpToDate, Waltham MA.: UpToDate Inc. Available at http://uptodate.com. Literature current through November 2024. Topic last updated April 05, 2024. Accessed December 13, 2024.