



Doctor Discussion Guide for HETLIOZ® (tasimelteon)

Get the most out of your doctor's visit with the help of this Doctor Discussion Guide.

If you think you may have Non-24-Hour Sleep-Wake Disorder, also known as Non-24, you'll want to discuss diagnosis and treatment options with your doctor. Non-24 is a serious, chronic circadian rhythm disorder that affects up to 70% of people who are totally blind.

To help get that conversation started, use this helpful Doctor Discussion Guide. After you review it, you can send it to your smartphone or notetaker, and share it with your doctor. Or, you may want to print out the Doctor Discussion Guide and bring it with you to your next appointment.

Here's a list of sleep issues. Be sure to discuss the ones you may be experiencing with your doctor. It's important to share all of your symptoms with your doctor and how they impact you, so you can develop a treatment plan together.

- I have trouble falling asleep or staying asleep
- I have a strong urge to sleep during the day or fall asleep unexpectedly
- I have sleep patterns that are different from those of most people I know
- I have periods of good sleep followed by periods of poor sleep
- I fight to stay awake during the day, at work or at school
- The time when my body wants to sleep seems to shift over time
- I wake up groggy or not feeling as if I've gotten enough rest
- My sleeplessness often leads to feeling exhausted

You can also use the Doctor Discussion Guide to talk about HETLIOZ® (tasimelteon), the first and only FDA-approved medicine for Non-24. HETLIOZ® is available by prescription from your doctor.

It may be time to ask your doctor about HETLIOZ®.

In clinical studies, HETLIOZ® helped many people with Non-24 who are totally blind sleep at night and stay awake during the day. So, now's the time to talk with your doctor about the symptoms of Non-24 you may be experiencing.

Keep in mind that HETLIOZ® may cause drowsiness. After taking HETLIOZ®, you should limit your activity to preparing for bed. HETLIOZ® can potentially impair your ability to perform activities that require complete mental alertness.

Taken as directed by your doctor, HETLIOZ® may help you break the cycle of disrupted nighttime and unwanted daytime sleep that you've been struggling with. So, you'll want to ask whether HETLIOZ® may be right for you.

The most common side effects associated with HETLIOZ® include headache, elevated liver enzymes (ALT), nightmares or abnormal dreams, and upper respiratory or urinary tract infection. These side effects may occur more frequently in patients 65 years of age or older.

What you can do if your doctor is not familiar with Non-24 or HETLIOZ® (tasimelteon).

Please refer your doctor to HETLIOZPRO.com for information on Non-24, a circadian rhythm disorder, and how HETLIOZ® can help.

If you need help finding a doctor, HETLIOZSolutions™ may be able to help.
Call **1-844-HETLIOZ (1-844-438-5469)**.

So, remember to bring this Doctor Discussion Guide with you to your next doctor's appointment.

Important Safety Information for HETLIOZ®.

HETLIOZ® (HeT-lee-ōz) is a prescription medication used to treat Non-24-Hour Sleep-Wake Disorder (Non-24).

HETLIOZ® may cause drowsiness. After taking HETLIOZ®, limit your activity to preparing for bed. HETLIOZ® can potentially impair your ability to perform activities that require complete mental alertness.

The most common side effects associated with HETLIOZ® include headache, elevated liver enzymes (ALT), nightmares or abnormal dreams, and upper respiratory or urinary tract infection. These side effects may occur more frequently in patients 65 years of age or older.

Tell your healthcare provider about all of the medicines you're taking. HETLIOZ® should not be taken in combination with fluvoxamine or rifampin.

Tell your healthcare provider about all of your health conditions, including whether you are pregnant, are planning to become pregnant, or are breastfeeding. HETLIOZ® has not been studied in pregnant women. HETLIOZ® should be used during pregnancy only if the potential benefit justifies the potential risks.

HETLIOZ® has not been studied in children and it is not recommended for use in patients with severe liver problems.

You are encouraged to report side effects of prescription drugs to the FDA.
Visit www.fda.gov/medwatch, call 1-800-FDA-1088, or report by fax at 1-800-FDA-0178.

For more information, ask your doctor or call **1-844-HETLIOZ (1-844-438-5469)**.

This information does not take the place of talking with your doctor for medical advice about your condition or treatment.

To hear the full Prescribing Information, call **1-844-HETLIOZ (1-844-438-5469)** or visit **www.HETLIOZ.com** to download an accessible PDF. Enclosed is the printed full Prescribing Information.



HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use HETLIOZ safely and effectively. See full prescribing information for HETLIOZ.

HETLIOZ® (tasimelteon) capsules, for oral use

Initial U.S. Approval: 2014

INDICATIONS AND USAGE

HETLIOZ is a melatonin receptor agonist indicated for the treatment of Non-24-Hour Sleep-Wake Disorder (Non-24) (1)

DOSAGE AND ADMINISTRATION

- 20 mg prior to bedtime, at same time every night (2)
- Take without food (2)

DOSAGE FORMS AND STRENGTHS

Capsules: 20 mg (3)

CONTRAINDICATIONS

None (4)

WARNINGS AND PRECAUTIONS

May cause somnolence: After taking HETLIOZ, patients should limit their activity to preparing for going to bed, because HETLIOZ can impair the performance of activities requiring complete mental alertness (5.1)

ADVERSE REACTIONS

The most common adverse reactions (incidence >5% and at least twice as high on HETLIOZ than on placebo) were headache, increased alanine aminotransferase, nightmares or unusual dreams, and upper respiratory or urinary tract infection (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Vanda Pharmaceuticals Inc. at 1-844-438-5469 or www.hetlioz.com or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- Strong CYP1A2 inhibitors (e.g., fluvoxamine): Avoid use of HETLIOZ in combination with strong CYP1A2 inhibitors because of increased exposure (7.1, 12.3)
- Strong CYP3A4 inducers (e.g., rifampin): Avoid use of HETLIOZ in combination with rifampin or other CYP3A4 inducers, because of decreased exposure (7.2, 12.3)

USE IN SPECIFIC POPULATIONS

- Pregnancy: Based on animal data, may cause fetal harm (8.1)
- Hepatic impairment: HETLIOZ has not been studied in patients with severe hepatic impairment and is not recommended in these patients (8.6)

See 17 for PATIENT COUNSELING INFORMATION

Revised: 12/2014

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

HETLIOZ is indicated for the treatment of Non-24-Hour Sleep-Wake Disorder (Non-24).

2 DOSAGE AND ADMINISTRATION

The recommended dosage of HETLIOZ is 20 mg per day taken before bedtime, at the same time every night.

Because of individual differences in circadian rhythms, drug effect may not occur for weeks or months.

HETLIOZ should be taken without food [*see Clinical Pharmacology (12.3)*].

3 DOSAGE FORMS AND STRENGTHS

Capsules: 20 mg size 1 dark blue opaque, hard gelatin capsules printed with “VANDA 20 mg” in white.

4 CONTRAINDICATIONS

None.

5 WARNINGS AND PRECAUTIONS

5.1 Somnolence

After taking HETLIOZ, patients should limit their activity to preparing for going to bed. HETLIOZ can potentially impair the performance of activities requiring complete mental alertness.

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice.

A total of 1346 subjects were treated with at least one dose of HETLIOZ, of which 139 were treated for > 26 weeks and 93 were treated for > 1 year.

A 26-week, parallel-arm placebo-controlled study (Study 1) evaluated HETLIOZ (n=42) compared to placebo (n=42) in patients with Non-24. A randomized-withdrawal, placebo-controlled study of 8 weeks duration (Study 2) also evaluated HETLIOZ (n=10), compared to placebo (n=10), in patients with Non-24.

In placebo-controlled studies, 6% of patients exposed to HETLIOZ discontinued treatment due to an adverse event, compared with 4% of patients who received placebo.

Table 1 shows the incidence of adverse reactions from Study 1.

Table 1: Adverse Reactions in Study 1

| | HETLIOZ N=42 | Placebo N=42 |
|------------------------------------|-------------------------|-------------------------|
| Headache | 17 % | 7 % |
| Alanine aminotransferase increased | 10 % | 5 % |
| Nightmare/abnormal dreams | 10 % | 0 % |
| Upper respiratory tract infection | 7 % | 0 % |
| Urinary tract infection | 7 % | 2 % |

*Adverse reactions with an incidence > 5% and at least twice as high on HETLIOZ than on placebo are displayed.

7 DRUG INTERACTIONS

7.1 Strong CYP1A2 Inhibitors (e.g., fluvoxamine)

Avoid use of HETLIOZ in combination with fluvoxamine or other strong CYP1A2 inhibitors because of a potentially large increase in tasimelteon exposure and greater risk of adverse reactions [*see Clinical Pharmacology (12.3)*].

7.2 Strong CYP3A4 Inducers (e.g., rifampin)

Avoid use of HETLIOZ in combination with rifampin or other CYP3A4 inducers because of a potentially large decrease in tasimelteon exposure with reduced efficacy [*see Clinical Pharmacology (12.3)*].

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Pregnancy Category C

There are no adequate and well-controlled studies of HETLIOZ in pregnant women. In animal studies, administration of tasimelteon during pregnancy resulted in developmental toxicity (embryofetal mortality, neurobehavioral impairment, and decreased growth and development in offspring) at doses greater than those used clinically. HETLIOZ should be used during pregnancy only if the potential benefit justifies the potential risks.

In pregnant rats administered tasimelteon at oral doses of 5, 50, or 500 mg/kg/day during the period of organogenesis, there were no effects on embryofetal development. The highest dose tested is approximately 240 times the recommended human dose (RHD) of 20 mg/day, on a mg/m² basis.

In pregnant rabbits administered tasimelteon at oral doses of 5, 30, or 200 mg/kg/day during the period of organogenesis, embryoletality and embryofetal toxicity (reduced fetal body weight and delayed ossification) were observed at the highest dose tested. The highest dose not associated with adverse effects (30 mg/kg/day) is approximately 30 times the RHD on a mg/m² basis.

Oral administration of tasimelteon (50, 150, or 450 mg/kg/day) to rats throughout organogenesis and lactation resulted in persistent reductions in body weight, delayed sexual maturation and physical development, and neurobehavioral impairment in offspring at the highest dose tested. Reduced body weight in offspring was also observed at the mid-dose. The no effect dose (50 mg/kg/day) is approximately 25 times the RHD on a mg/m² basis.

8.3 Nursing Mothers

It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when HETLIOZ is administered to a nursing woman.

8.4 Pediatric Use

Safety and effectiveness in pediatric patients have not been established.

8.5 Geriatric Use

The risk of adverse reactions may be greater in elderly (>65 years) patients than younger patients because exposure to tasimelteon is increased by approximately 2-fold compared with younger patients.

8.6 Hepatic Impairment

Dose adjustment is not necessary in patients with mild or moderate hepatic impairment. HETLIOZ has not been studied in patients with severe hepatic impairment (Child-Pugh Class C). Therefore, HETLIOZ is not recommended for use in patients with severe hepatic impairment [see *Clinical Pharmacology (12.3)*].

8.7 Smokers

Smoking causes induction of CYP1A2 levels. The exposure of tasimelteon in smokers was lower than in non-smokers and therefore the efficacy of HETLIOZ may be reduced in smokers [see *Clinical pharmacology (12.3)*].

9 DRUG ABUSE AND DEPENDENCE

9.1 Controlled Substance

Tasimelteon is not a controlled substance under the Controlled Substances Act.

9.2 Abuse

Tasimelteon did not produce any abuse-related signals in animal behavioral studies. Rats did not self-administer tasimelteon, suggesting that the drug does not have rewarding properties. There were also no signs or symptoms indicative of abuse potential in clinical studies with HETLIOZ.

9.3 Dependence

Discontinuation of HETLIOZ in humans following chronic administration did not produce withdrawal signs. HETLIOZ does not appear to produce physical dependence.

10 OVERDOSAGE

There is limited premarketing clinical experience with the effects of an overdose of HETLIOZ.

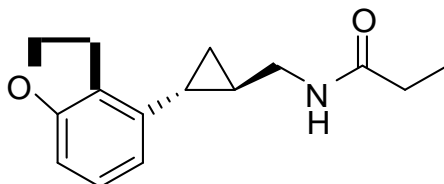
As with the management of any overdose, general symptomatic and supportive measures should be used, along with immediate gastric lavage where appropriate. Intravenous fluids should be administered as needed. Respiration, pulse, blood pressure, and other appropriate vital signs should be monitored, and general supportive measures employed.

While hemodialysis was effective at clearing HETLIOZ and the majority of its major metabolites in patients with renal impairment, it is not known if hemodialysis will effectively reduce exposure in the case of overdose.

As with the management of any overdose, the possibility of multiple drug ingestion should be considered. Contact a poison control center for current information on the management of overdose.

11 DESCRIPTION

HETLIOZ (tasimelteon) is a melatonin receptor agonist, chemically designated as (1*R*, 2*R*)-*N*-[2-(2,3-dihydrobenzofuran-4-yl)cyclopropylmethyl]propanamide, containing two chiral centers. The molecular formula is C₁₅H₁₉NO₂, and the molecular weight is 245.32. The structural formula is:



Tasimelteon is a white to off-white crystalline powder. It is very slightly soluble in cyclohexane, slightly soluble in water and 0.1 N hydrochloric acid, and freely soluble or very soluble in methanol, 95% ethanol, acetonitrile, isopropanol, polyethylene glycol 300, propylene glycol and ethyl acetate.

HETLIOZ is available in 20 mg strength capsules for oral administration. Inactive ingredients are: lactose anhydrous, microcrystalline cellulose, croscarmellose sodium, colloidal silicon

dioxide, and magnesium stearate. Each hard gelatin capsule consists of gelatin, titanium dioxide, FD&C Blue #1, FD&C Red #3, and FD&C Yellow #6.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

The precise mechanism by which tasimelteon exerts its therapeutic effect in patients with Non-24 is not known. Tasimelteon is an agonist at melatonin MT₁ and MT₂ receptors. These receptors are thought to be involved in the control of circadian rhythms.

12.2 Pharmacodynamics

HETLIOZ is an agonist at MT₁ and MT₂ receptors. HETLIOZ exhibits a greater affinity for the MT₂ as compared to the MT₁ receptor. The most abundant metabolites of HETLIOZ have less than one-tenth of the binding affinity of the parent molecule for both the MT₁ and MT₂ receptors.

12.3 Pharmacokinetics

The pharmacokinetics of HETLIOZ is linear over doses ranging from 3 to 300 mg (0.15 to 15 times the recommended daily dosage). The pharmacokinetics of HETLIOZ and its metabolites did not change with repeated daily dosing.

Absorption

The absolute oral bioavailability is 38.3%. The peak concentration (T_{max}) of tasimelteon occurred approximately 0.5 to 3 hours after fasted oral administration.

When administered with a high-fat meal, the C_{max} of tasimelteon was 44% lower than when given in a fasted state, and the median T_{max} was delayed by approximately 1.75 hours. Therefore, HETLIOZ should be taken without food.

Distribution

The apparent oral volume of distribution of tasimelteon at steady state in young healthy subjects is approximately 59 - 126 L. At therapeutic concentrations, tasimelteon is about 90% bound to proteins.

Metabolism

Tasimelteon is extensively metabolized. Metabolism of tasimelteon consists primarily of oxidation at multiple sites and oxidative dealkylation resulting in opening of the dihydrofuran ring followed by further oxidation to give a carboxylic acid. CYP1A2 and CYP3A4 are the major isozymes involved in the metabolism of tasimelteon.

Phenolic glucuronidation is the major phase II metabolic route.

Major metabolites had 13-fold or less activity at melatonin receptors compared to tasimelteon.

Elimination

Following oral administration of radiolabeled tasimelteon, 80% of total radioactivity was excreted in urine and approximately 4% in feces, resulting in a mean recovery of 84%. Less than 1% of the dose was excreted in urine as the parent compound.

The observed mean elimination half-life for tasimelteon is 1.3 ± 0.4 hours. The mean terminal elimination half-life \pm standard deviation of the main metabolites ranges from 1.3 ± 0.5 to 3.7 ± 2.2 .

Repeated once daily dosing with HETLIOZ does not result in changes in pharmacokinetic parameters or significant accumulation of tasimelteon.

Studies in Specific Populations

Elderly

In elderly subjects, tasimelteon exposure increased by approximately two-fold compared with non-elderly adults.

Gender

The mean overall exposure of tasimelteon was approximately 20-30% greater in female than in male subjects.

Race

The effect of race on exposure of HETLIOZ was not evaluated.

Hepatic Impairment

The pharmacokinetic profile of a 20 mg dose of HETLIOZ was compared among eight subjects with mild hepatic impairment (Child-Pugh Score ≥ 5 and ≤ 6 points), eight subjects with moderate hepatic impairment (Child-Pugh Score ≥ 7 and ≤ 9 points), and 13 healthy matched controls. Tasimelteon exposure was increased less than two-fold in subjects with moderate hepatic impairment. Therefore, no dose adjustment is needed in patients with mild or moderate hepatic impairment. HETLIOZ has not been studied in patients with severe hepatic impairment (Child-Pugh Class C) and is not recommended in these patients.

Renal Impairment

The pharmacokinetic profile of a 20 mg dose of HETLIOZ was compared among eight subjects with severe renal impairment (estimated glomerular filtration rate [eGFR] ≤ 29 mL/min/1.73m²), eight subjects with end-stage renal disease (ESRD) (GFR < 15 mL/min/1.73m²) requiring hemodialysis, and sixteen healthy matched controls. There was no apparent relationship between tasimelteon CL/F and renal function, as measured by either estimated creatinine clearance or eGFR. Subjects with severe renal impairment had a 30% lower clearance, and clearance in subjects with ESRD was comparable to that of healthy subjects. No dose adjustment is necessary for patients with renal impairment.

Smokers (smoking is a moderate CYP1A2 inducer)

Tasimelteon exposure decreased by approximately 40% in smokers, compared to non-smokers [see *Use in Specific Populations* (8.7)].

Drug Interaction Studies

No potential drug interactions were identified in *in vitro* studies with CYP inducers or inhibitors of CYP1A1, CYP1A2, CYP2B6, CYP2C9/2C19, CYP2E1, CYP2D6 and transporters including P-glycoprotein, OATP1B1, OATP1B3, OCT2, OAT1 and OAT3.

Effect of Other Drugs on HETLIOZ

Drugs that inhibit CYP1A2 and CYP3A4 are expected to alter the metabolism of tasimelteon.

Fluvoxamine (strong CYP1A2 inhibitor): the AUC_{0-inf} and C_{max} of tasimelteon increased by 7-fold and 2-fold, respectively, when co-administered with fluvoxamine 50 mg (after 6 days of fluvoxamine 50 mg per day) [see *Drug Interactions (7.1)*].

Ketoconazole (strong CYP3A4 inhibitor): tasimelteon exposure increased by approximately 50% when co-administered with ketoconazole 400 mg (after 5 days of ketoconazole 400 mg per day) [see *Drug Interactions (7.2)*].

Rifampin (strong CYP3A4 and moderate CYP2C19 inducer): the exposure of tasimelteon decreased by approximately 90% when co-administered with rifampin 600 mg (after 11 days of rifampin 600 mg per day). Efficacy may be reduced when HETLIOZ is used in combination with strong CYP3A4 inducers, such as rifampin [see *Drug Interactions (7.2)*].

Effect of HETLIOZ on Other Drugs

Midazolam (CYP3A4 substrate): Administration of HETLIOZ 20 mg once a day for 14 days did not produce any significant changes in the T_{max}, C_{max}, or AUC of midazolam or 1-OH midazolam. This indicates there is no induction of CYP3A4 by tasimelteon at this dose.

Rosiglitazone (CYP2C8 substrate): Administration of HETLIOZ 20 mg once a day for 16 days did not produce any clinically significant changes in the T_{max}, C_{max}, or AUC of rosiglitazone after oral administration of 4 mg. This indicates that there is no induction of CYP2C8 by tasimelteon at this dose.

Effect of Alcohol on HETLIOZ

In a study of 28 healthy volunteers, a single dose of ethanol (0.6 g/kg for women and 0.7 g/kg for men) was co-administered with a 20 mg dose of HETLIOZ. There was a trend for an additive effect of HETLIOZ and ethanol on some psychomotor tests.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenesis

Tasimelteon was administered orally for up to two years to mice (30, 100, and 300 mg/kg/day) and rats (20, 100, and 250 mg/kg/day). No evidence of carcinogenic potential was observed in

mice; the highest dose tested is approximately 75 times the recommended human dose (RHD) of 20 mg/day, on a mg/m² basis. In rats, the incidence of liver tumors was increased in males (adenoma and carcinoma) and females (adenoma) at 100 and 250 mg/kg/day; the incidence of tumors of the uterus (endometrial adenocarcinoma) and uterus and cervix (squamous cell carcinoma) were increased at 250 mg/kg/day. There was no increase in tumors at the lowest dose tested in rats, which is approximately 10 times the RHD on a mg/m² basis.

Mutagenesis

Tasimelteon was negative in an *in vitro* bacterial reverse mutation (Ames) assay, an *in vitro* cytogenetics assay in primary human lymphocytes, and an *in vivo* micronucleus assay in rats.

Impairment of Fertility

When male and female rats were given tasimelteon at oral doses of 5, 50, or 500 mg/kg/day prior to and throughout mating and continuing in females to gestation day 7, estrus cycle disruption and decreased fertility were observed at all but the lowest dose tested. The no-effect dose for effects on female reproduction (5 mg/kg/day) is approximately 2 times the RHD on a mg/m² basis.

14 CLINICAL STUDIES

The effectiveness of HETLIOZ in the treatment of Non-24-Hour Sleep-Wake Disorder (Non-24) was established in two randomized double-masked, placebo-controlled, multicenter, parallel-group studies (Studies 1 and 2) in totally blind patients with Non-24.

In study 1, 84 patients with Non-24 (median age 54 years) were randomized to receive HETLIOZ 20 mg or placebo, one hour prior to bedtime, at the same time every night for up to 6 months.

Study 2 was a randomized withdrawal trial in 20 patients with Non-24 (median age 55 years) that was designed to evaluate the maintenance of efficacy of HETLIOZ after 12-weeks. Patients were treated for approximately 12 weeks with HETLIOZ 20 mg one hour prior to bedtime, at the same time every night. Patients in whom the calculated time of peak melatonin level (melatonin acrophase) occurred at approximately the same time of day (in contrast to the expected daily delay) during the run-in phase were randomized to receive placebo or continue treatment with HETLIOZ 20 mg for 8 weeks.

Study 1 and Study 2 evaluated the duration and timing of nighttime sleep and daytime naps via patient-recorded diaries. During Study 1, patient diaries were recorded for an average of 88 days during screening, and 133 days during randomization. During Study 2, patient diaries were recorded for an average of 57 days during the run-in phase, and 59 days during the randomized-withdrawal phase.

Because symptoms of nighttime sleep disruption and daytime sleepiness are cyclical in patients with Non-24, with severity varying according to the state of alignment of the individual patient's circadian rhythm with the 24-hour day (least severe when fully aligned, most severe when 12 hours out of alignment), efficacy endpoints for nighttime total sleep time and daytime nap duration were based on the 25% of nights with the least nighttime sleep, and the 25% of days with the most daytime nap time. In Study 1, patients in the HETLIOZ group had, at baseline, an average 195 minutes of nighttime sleep and 137 minutes of daytime nap time on the 25% of most

symptomatic nights and days, respectively. Treatment with HETLIOZ resulted in a significant improvement, compared with placebo, for both of these endpoints in Study 1 and Study 2 (see Table 2).

Table 2: Effects of HETLIOZ 20 MG on Nighttime Sleep Time and Daytime Nap Time in Study 1 and Study 2

| Change from Baseline | Study 1 | | Study 2 | |
|---|-----------------------|-----------------|-----------------------|-----------------|
| | HETLIOZ 20 MG N=42 | Placebo N=42 | HETLIOZ 20 MG N=10 | Placebo N=10 |
| Nighttime sleep time on 25% most symptomatic nights (minutes) | 50 | 22 | -7 | -74 |
| Daytime nap time on 25% most symptomatic days (minutes) | -49 | -22 | -9 | 50 |

A responder analysis of patients with both ≥ 45 minutes increase in nighttime sleep and ≥ 45 minutes decrease in daytime nap time was conducted in Study 1: 29% (n=12) of patients treated with HETLIOZ, compared with 12% (n=5) of patients treated with placebo met the responder criteria.

The efficacy of HETLIOZ in treating Non-24 may be reduced in subjects with concomitant administration of beta adrenergic receptor antagonists.

16 HOW SUPPLIED/STORAGE AND HANDLING

HETLIOZ 20 mg capsules are available as size 1, dark blue opaque, hard gelatin capsules printed with “VANDA 20 mg” in white, containing 20 mg of tasimelteon per capsule.

- NDC 43068-220-01 Bottles of 30

Storage

Store HETLIOZ 20 mg capsules at controlled room temperature, 25°C (77°F); excursions permitted to 15°C to 30°C (59°F to 86°F) [See USP Controlled Room Temperature]. Protect HETLIOZ 20 mg capsules from exposure to light and moisture.

17 PATIENT COUNSELING INFORMATION

Advise patients

- To take HETLIOZ before bedtime at the same time every night.

- To skip the dose that night if they cannot take HETLIOZ at approximately the same time on a given night.
- To limit their activities to preparing for going to bed after taking HETLIOZ because HETLIOZ can potentially impair the performance of activities requiring complete mental alertness.
- That because of individual differences in circadian rhythms, daily use for several weeks or months may be necessary before benefit from HETLIOZ is observed.
- To swallow the capsule whole.



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