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# Laparoscopy and Hysteroscopy Combo Advocated

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MIAMI BEACH — Physicians investigating a patient's persistent infertility should not underestimate the value of combined laparoscopy and hysteroscopy for allowing the most thorough work-up, according to Liselotte Mettler, Prof. Dr.

Other common methods of investigating tubal patency, such as hysterosalpin-

gogram (HSG), are valuable in that they are minimally invasive and can be performed in the office. But none of these methods offers as revealing a view of the ovaries and uterus as the combination of laparoscopy and hysteroscopy, according to Dr. Mettler, who is professor of obstetrics and gynecology and the head of gynecology, endocrinology and reproductive medicine at the University of Kiel, (Germany).

Speaking at a congress on laparoscopy

and minimally invasive surgery, Dr. Mettler outlined her study of 120 patients investigated for tubal patency over a 2-year

The patients were examined using one of six available methods: hysterosalpingogram, hysterosalpingo contrast sonography (HyCoSy), laparoscopy with chromopertubation and hysteroscopy, transvaginal hydrolaparoscopy, air-contrast sonohysterography, or CO<sub>2</sub> pertuba-

In assessing each of these approaches, Dr. Mettler explained that all six proved safe and were associated with only minor

The cheapest method is air-contrast sonohysterography, which is performed in much the same way as regular sonohysterography, except that a balloon catheter is used.

In this procedure, as well as in CO<sub>2</sub> pertubation, contrast dye is forced into the fallopian tubes and can be painful when used in women with occlusions, she said.

HsCoSy is the second least expensive investigation. In this procedure, a transcervical balloon catheter is passed through the internal cervical os and inflated, and then a transvaginal probe is used to visualize the uterine cavity.

This maneuver is made possible with the injection of contrast solution, which allows the physician to evaluate tubal

The main drawback of this and many of the other investigations is that no treat-

After a certain time, there's no point in confirming tubal patency by HSG only to find out 2 years later at laparoscopy that she has extensive adhesions.

ment can be performed at the time pathology is diagnosed, she said during meeting, which was sponsored by the Society of Laparoendoscopic geons.

With HSG, although tubal patency can be tested,

pelvic pathology can be assessed.

Although transvaginal hydrolaparoscopy can be used to evaluate tubal patency, it is quite traumatic and can assess only a small part of the lower pelvis, she

In laparoscopy the entire pelvis can be assessed, and—with the addition of chromopertubation—tubal patency can be evaluated at the same time. Adding hysteroscopy to this procedure allows assessment of the internal uterus, and if immediate therapy is necessary, it can be easily done while the patient is still under anesthesia, she said.

"When we see patients, they have been through many, many work-ups already, so we don't hesitate to go straight to laparoscopy," Dr. Mettler told this news-

"It is important to distinguish between outpatients and hospital patients. In our case, we are in a hospital and have access to operative techniques," Dr. Mettler noted.

She said physicians who are not in a position to offer this type of investigation to patients with persistent infertility should refer them immediately to some-

"After a certain amount of time, there is no point in confirming tubal patency by HSG in a woman only to find out 2 years later at laparoscopy that she has extensive adhesions. Tubal patency alone is not the only important factor," she said.



## INDICATIONS AND USAGE

LUNESTA is indicated for the treatment of insomnia. In controlled outpatient and sleep laboratory studies, LUNESTA administered at bedtime decreased sleep latency and interced these particles.

### CONTRAINDICATIONS

WARNINGS

Because sleep disturbances may be the presenting manifestation of a physical and/o psychiatric disorder, symptomatic treatment of insomnia should be initiated only after a careful evaluation of the patient. The failure of insomnia to remit after 7 to 10 after a careful evaluation of the patent. The failure of insommia to remit after 7 to 10 days of treatment may indicate the presence of a primary psychiatric and/or medical illness that should be evaluated. Worsening of insomnia or the emergence of new thinking or behavior abnormalities may be the consequence of an unrecognized psychiatric or physical disorder. Such findings have emerged during the course of treatment with sedative/hyponic drugs, including LUNESTA. Beause some of the important adverse effects of LUNESTA appear to be dose-related, it is important to use the lowest possible effective dose, aspecially in the elderly (see DOSAGE AND ADMINISTRATION in the Full Prescribing Information).

TRATION in the Full Prescribing Information). A variety of abnormal thinking and behavior changes have been reported to occur in association with the use of sedative/hypnotics. Some of these changes may be characterized by decreased inhibition (e.g., aggressiveness and extroversion that seem out of character, similar to fefects produced by alcohal and other CNS depressants. Other reported behavioral changes have included bizarre behavior, agitation, hallucinations, and depersonalization. Anness and other neuropsychiatric symptoms may occur unpredictably. In primarily depressed patients, worsening of depression, including suicidal thinking, has been reported in association with the use of sedativerhyprofics.

It can rarely be determined with certainty whether a particular instance of the abnormal behaviors listed above are drug-induced, snontaneous in orders are a control. It can rarely be determined with certainty whether a particular instance of the abnormal behaviors listed above are drug-induced, spontaneous in origin, or a result of an underlying psychiatric or physical disorder. Nonetheless, the emergence of any new behavioral sign or symptom of concern requires careful and immediate evaluation. Following rapid dose decrease or abrud discontinuation of the use of sedative/hyp-notics, there have been reports of signs and symptoms similar to those associated withdrawal from other ONS-depressant drugs (see PRIDE ABUSE AND DEPENDENCE). LUNESTA, like other hypnotics, has CNS-depressant effects. Because of the rapid onset of action, LUNESTA should only be ingested immediately prior to point to bed or after the patient has gone to bed and has experienced difficulty falling esleep. Patients receiving LUNESTA should be cautioned against engaging in hazardous cocupations requiring complete mental alertness or motor coordination (e.g., operating machinery or driving a motor vehicle) after ingesting the drug, and be cautioned about potential impairment of the performance of such activities on the day following ingestion of LUNESTA, LUNESTA, like other hypnotics, may produce additive CNS-depressant effects when coadministered with other psychrotropic medications, anticonvulsants, antihistamines, ethanol, and other drugs that themselves produce CNS depression, LUNESTA is administered with other CNS-depressant agents, because of the potentially additive effeds.

Timing Of Drug Administration: LUNESTA should be taken immediately before bedtime Taking a sedative/hypnotic while still up and about may result in short-term memory impairment, hallucinations, impaired coordination, dizziness, and lightheadedness. Use in The Elderly And/Or Debititatel Patients: Impaired motor and/or cognitive performance after repeated exposure or unusual sensitivity to sedative/hypnotic drugs is a concern in the treatment of elderly and/or debititated patients. The recommended starting dose of LUNESTA for these patients is 1 mg (see DOSAGE AND ADMINISTRATION) in the Full Prescribing Information).

Use In Patients With Concomitant Illness: Clinical experience with eszopiclone in patients with concomitant illness is limited. Eszopiclone should be used with caution in patients with diseases or conditions that could affect metabolism or hemodynamic responses.

A study in healthy volunteers did not reveal respiratory-depressant effects at doses 2.5-fold higher (7 mg) than the recommended dose of excopicione. Caution is advised id nigher (7 mg) than the recommended dose of eszopicione. Caution is advised ver, if LUNESTA is prescribed to patients with compromised respiratory function however, if LUNESTA is prescribed to patients with compromised respiratory function. The dose of LUNESTA should be reduced to 1 mg in patients with severe hepatic impairment, because systemic exposure is doubled in such subjects. No dose adjustment appears necessary for subjects with mild or moderate hepatic impairment, dose adjustment appears necessary in subjects with any degree of renal impairment, since less than 10% of escopicione is excreted unchanged in the urine. The dose of LUNESTA should be reduced in patients who are administered potent inhibitors of CYPSA4, such as ketoconazole, while taking LUNESTA. Downward dose adjustment is also recommended when LUNESTA is administered with agents having known CNS-depressant effects.

ing known CNS-depressant effects.

Use In Patients With Depression: Sedative/hypnotic drugs should be administered with caution to patients exhibiting signs and symptoms of depression. Suicidal tendencies may be present in such patients, and protective measures may be required. Intentional overdose is more common in this group of patients; therefore, the least amount of drug that is feasible should be proscribed for the patient at any one time. Information For Patients: Patient information is printed in the complete prescribing information.

Laboratory Tests: There are no specific laboratory tests recognized.

Laboratory Tests: There are no specific laboratory tests recommended

Ethanol. An additive effect on psychomotor performance was seen with coadministra-tion of eszopiclone and ethanol 0.70 g/kg for up to 4 hours after ethanol administration of Paroxetine: Coadministration of single doses of eszopiclone 3 mg and paroxetine 20 mg daily for 7 days produced no pharmacokinetic or pharmacodynamic interaction. Lorazepam: Coadministration of single doses of escopicione 3 mg and lorazepam 2 mg did not have clinically relevant effects on the pharmacodynamics or pharmacokinetics of either drug.

kinetics of either drug. Olanzapine: Coadministration of eszopiclone 3 mg and olanzapine 10 mg produced a decrease in DSST scores. The interaction was pharmacodynamic; there was no alter-ation in the pharmacokinetics of either drug.

autor in the priamitacokinetics of either drug.

Drugs That Inhibit CYP3A4 (Netoconacole): CYP3A4 is a major metabolic pathway for elimination of eszopicione. The AUC of eszopicione was increased 2.2-fold by coadration of ketoconazole, a potent inhibitor of CYP3A4, 400 mg daily fol nd t<sub>12</sub> were increased 1.4-fold and 1.3-fold, respectively. Other strong ii

ministration of ketoconazole, a potent unumor of the control of the control of ketoconazole, a potent unumor of the control of

Drugs With A Narrow Therapeutic Index

Digoxin: A single dose of eszopiclone 3 mg dld not affect the pharmacokinetics of digoxin measured at steady state following dosing of 0.5 mg twice daily for one day and 0.25 mg daily for the next 6 days.

Warfarin: Escopicione 3 mg administered daily for 5 days did not affect the pharma-cokinetics of (R)- or (S)-warfarin, nor were there any changes in the pharmacody-namic profile (prothrombin time) following a single 25-mg oral dose of warfarin.

Carcinogenesis, Mutagenesis, Impairment of Fertility
Carcinogenesis: In a carcinogenicity study in Sprague-Dawley rats in which eszopiclone was given by oral gavage, no increases in tumors were seen; plasma levels
(AUC) of eszopiclone at the highest dose used in this study (16 mg/kg/day) are estimated to be 80 (females) and 20 (males) times those in humans receiving the max-imum recommended human dose (MRHD). However, in a carcinogenicity study in Sprague-Dawley rats in which racemic zopiclone was given in the diet, and in which the above study of eszopiclone, an increase in mammary gland adenocarrinomas in females and an increase in thyroid gland follocular cell adenomas and carcinomas in males were seen at the highest dose of 100 mg/kg/day. Plasma levels of eszopiclone at this dose are estimated to be 150 (females) and 70 (males) times flose in humans receiving the MRHD. The mechanism for the increase in mammary adenocarcinomas is unknown. The increase in thyroid tumors is thought to be due to increased levels of TSH secondary to increased metabolism of circulating thyroid hormones, a mechanism that is not considered to be relevant to humans.

anism that is not considered to be relevant to humans. In a carcinogenicity study in B6C3F1 mice in which racemic zopicione was given in the diet, an increase in pulmonary carcinomas and carcinomas plus adenomas in females and an increase in skin fibromas and sarcomas in males were seen at the highest dose of 100 mg/kq/day. Plasma levels of escopicione at this dose are estimated to be 8 (females) and 20 (males) times those in humans receiving the MRHO. The skin tumors were due to skin lesions induced by aggressive behavior, a mechanism that is not relevant to humans. A carcinogenicity study was also performed in which CD-1 mice were given escopicione at doses up to 100 mg/kg/day by oral gavage; although this study did not reach a maximum tolerated dose, and was thus linadequate for overall assessment of carcinogenic potentia, no increases in rither pulmonary or skin tumors were seen at doses producing plasma levels of escopicione estimated to be 90 times those in humans receiving the MRHD—i.e., 12 times the exposure in the racemate study.

Eszopiclone did not increase tumors in a p53 transgenic mouse bioassay at oral doses up to 300 mg/kg/day.

Mutagenesis: Eszopicione was positive in the mouse lymphoma chromosomal aberration assay and produced an equivocal response in the Chinese hamster ovary cell chromosomal aberration assay, it was not mutagenic or clastogenic in the bacterial Ames gene mutation assay, in an unscheduled DNA synthesis assay, or in a selection assay and a selection assay in an unscheduled DNA synthesis assay, or in a selection assay and a selection and a selection assay in an unscheduled DNA synthesis assay, or in a selection assay and a selection and

(S)-N-desmethyl zopiclone, a metabolite of eszopiclone, was positive in the Chinese hamster ovary cell and human lymphocyte chromosomal aberration assays. It was negative in the bacterial Ames mutation assay, in an *in vitro* 32p-postlabeling DNA adduct assay, and in an in vivo mouse bone marrow chromosomal aberration and

micronucleus assay.

Impairment Of Fertility: Eszopicione was given by oral gavage to male rats at doses up to 45 mg/kg/day from 4 weeks premating through mating and to female rats at doses up to 180 mg/kg/day from 2 weeks premating through day 7 of pregnancy. An additional study was performed in which only females were treated, up to 180 mg/kg/day. Eszopicione decreased fertility, probably because of effects in both males and females. weith no females becoming pregnant when both males and females were treated with the highest dose; the no-effect dose in both sexes was 5 mg/kg (16 tines the MRHD on a mg/m² basis). Other effects included increased preimplantation loss (no-effect dose 25 mg/kg), and decreases in sperm number and motifity and increases in morphologically abnormal sperm (no-effect dose 5 mg/kg).

phologically almormal sperm (no-effect dose 5 mg/kg).

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Description of organogenesis showed no evidence of teratogenicity up
to the highest doses tested (250 and 16 mg/kg/day in rats and rabbits respectively,
these doses are 800 and 100 times, respectively, the maximum recommended
human dose [MRHD] on a mg/m² basis). In the rat, slight reductions in fetal weight
and evidence of developmental delay were seen at maternally toxic doses of 125 and
150 mg/kg/day, but not at 62.5 mg/kg/day (200 times the MRHD on a mg/m² basis).
Escopicione was also administered by oral gavage to pregnant rats throughout the
pregnancy and lactation periods at doses of up to 180 mg/kg/day. Increased porimplantation loss, decreased postnatal pur weights and survival; and increased purstartle response were seen at all doses; the lowest dose tested. 60 mg/kg/day, is 200
times the MRHD on a mg/m² basis. These doses did not produce significant maternal toxicity. Escopicione had no effects on other behavioral measures or reproductive
function in the offspring.

There are no adequate and well-controlled studies of escopicione in pregnant women.

There are no adequate and well-controlled studies of eszopicione in pregnant women. Eszopicione should be used during pregnancy only if the potential benefit justifies the

Labor And Delivery: LUNESTA has no established use in labor and delivery.

Nursing Mothers: It is not known whether LUNESTA is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when LUNESTA is administered to a nursing woman.

LUNES IA is administered to a nursing woman. Padiatric Use: Safety and effectiveness of eszopiclone in children below the age of 18 have not been established.

Geriatric Use: A total of 287 subjects in double-blind, parallel-group, placebo-controlled clinical trails who received eszopiclone were 65 to 86 years of age. The overall pattern of adverse events for elderly subjects (median age = 71 years) in 2-week studies with nighttime dosing of 2 mg eszopiclone was not different from that seen in younger adults. LUNESTA 2 ing exhibited significant reduction in sleep latency and improvement in sleep maintenance in the elderly population.

Improvement in serior mantenance in the elderly population.

ADVERISE REACTIONS

The premarketing development program for LUNESTA included eszopicione exposures in patients and/or normal subjects from two different groups of studies: approximately 400 normal subjects in clinical pharmacology/pharmacokinetic studies, and approximately 1550 patients in placebo-controlled clinical effectiveness studies, and approximately 1550 patients in placebo-controlled clinical effectiveness. studies, and approximately 1550 patients in placebo-controlled clinical effectiveness studies, corresponding to approximately 263 patient-exposure years. The conditions and duration of treatment with LUNESTA varied greatly and included (in overlapping categories) open-label and double-blind phases of studies, impatients and outpatients, and short-term and longer-term exposure. Adverse reactions were assessed by collecting adverse events, results of physical examinations, vital signs, weights, laboratory analyses, and ECGs.

Adverse events during exposure were obtained primarily by general inquiry and recorded by clinical investigators using terminology of their own choosing. Consequently, it is not possible to provide a meaningful estimate of the proportion of individuals experiencing adverse events without first grouping similar types of events into a smaller number of standardized event categories. In the tabulations that follow, COSTART terminology has been used to classify reported adverse events.

The stated frequencies of adverse events represent the proportion of individuals who experienced, at least once, a treatment-emergent adverse event of the type listed. An event was considered treatment-emergent if in courred for the first time or worsened while the patient was receiving therapy following baseline evaluation.

Adverse Findings Observed in Placebo-Controlled Trials

Adverse Events Resulting in Discontinuation of Treatment: In placebo-controlled,
parallel-group clinical trials in the elderly, 3.8% of 280 patients who received
placebo, 2.3% of 215 patients who received 2 mg LUNESTA, and 1.4% of 72 patients paciony, 2.3% or 12 patients win oreceived a fig Division, and 1.4% of 1/2 patients who received 1 mg LVNESTA discontinued treatment due to an adverse event. In the 6-week parallel-group study in adults, no patients in the 3 mg arm discontinued because of an adverse event. In the long-term 6-month study in adult insemnia patients, 7.2% of 195 patients who received placebo and 12.8% of 593 patients who received a mg LVNESTA discontinued due to an adverse event. No event that resulted in discontinuation occurred at a rate of greater than 2%. Adverse Events Observed at an Incidence of ≥2% in Controlled Trials. The following lists the incidence (% placeho 2 mg, 3 mg, respectively) of transactions.

ing lists the incidence (% placebo, 2 mg, 3 mg, respectively) of treatment-emission adverse events from a Phase 3 placebo-controlled study of LUNESTA at doses of 2 or 3 mg in non-elderly adults. Treatment duration in this trial was 44 days. Data are limited to adverse events that occurred in 2% or more of patients treated with LUNESTA 2 mg (n=105) in mg (n=105) in this the incidence in patients treated with LUNESTA 2 mg (n=104) or 3 mg (n=105) in this the incidence in patients treated with LUNESTA 2 mg (n=105) in the incidence in placebo-treated patients (n=99). Badturs as whole benderate 1(3% -21% -13% virtual incidence (14% -28% -28%). Urogenital system: dysmenorrhea\* (0%, 3%, 0%), gynecomastia\*\* (0%, 3%, 0%). \*Gender-specific adverse event in females

Events for which the LUNESTA incidence was equal to or less than placebo are not listed, but included the following: abnormal dreams, accidental injury, back pain, diarrhea, flu syndrome, myalgia, pain, pharyngitis, and rhinitis.

Adverse events that suggest a dose-response relationship in adults include viral infection, dry mouth, dizziness, hallucinations, infection, rash, and unpleasant taste, with this relationship clearest for unpleasant taste. The following lists the incidence (% placebo, 2 mg, 3 mg, respectively) of treatment-emergent adverse events from combined Phase 3 placebo-controlled studies of LUNESTA at doses of 1 or 2 mg in elderly adults (ages 65-68). Treatment duration in these trials was 14 days. Data are limited to events that occurred in 2% or more of patients treated with LUNESTA in mg (n=72) or 2 mg (n=215) in which the incidence in patients treated with LUNESTA was greater than the incidence in placebo-treated

patients: 

Body as a whole; accidental injury (1%. 0%. 3%), headache (14%. 15%, 13%), pain (2%. 4%, 5%), Digestive system: diarrhea (2%. 4%. 2%), dry mouth (2%. 3%, 7%), dyspessia (2%. 6%, 2%), Burous system ahormal dream (9%. 3%, 1%), dyspessia (2%, 6%, 2%), Burous system ahormal dream (9%. 3%, 0%, 9%, 12%), accidental system and appendance; purifus: (1%. 4%, 1%), Special senses; unpleasant taste (0%. 8%, 12%), Lurogenital system; urinary tract infection (0%, 3%, 0%).

Events for which the LUNESTA incidence was equal to or less than placebo are not listed, but included the following: abdominal pain, asthenia, nausea, rash, and

somnolence.

Adverse events that suggest a dose-response relationship in elderly adults include pain, dry mouth, and unpleasant taste, with this relationship again clearest for unpleasant taste. These figures cannot be used to predict the incidence of adverse events in the course of usual medical practice because patient characteristics and other factors may differ from those that prevailed in the clinical trials. Similarly, the clede frequencies cannot be compared with figures obtained from other clinical investigations involving different treatments, uses, and investigators.

The cited figures, however, do provide the prescribing physician with some basis for estimating the relative contributions of drug and non-drug factors to the adverse event incidence rate in the population studied.

Other Events Observed During The Premarketing Evaluation Of LUNESTA.
Following is a list of modified COSTART terms that reflect treatment-emergent
adverse events as defined in the introduction to the ADVERSE REACTIONS section
adversed the ADVERSE REACTIONS section.

adverse events as defined in the introduction to the ADVERSE REACTIONS section and reported by approximately 1550 subjects treated with LUNISTA at doses in the range of 1 to 3.5 mg/day during Phase 2 and 3 clinical trials throughout the United States and Canada. All reported events are included except those already listed here or listed elsewhere in labelling, minor events common in the general population, and events unlikely to be drug-related. Although the events reported occurred during treatment with LUNESTA, they were not necessarily caused by the following definitions: frequent adverse events are those that occurred on one or more occasions in at least 17/100 patients, infrequent adverse events are those that occurred in fewer than 17/00 patients but in at least 17/100 patients but in at least 17/100 patients but in at least 17/100 patients but in a least 17/100 patients but in a

Frequent: chest pain, migraine, peripheral edema.

Infrequent: acne, agitation, allergic reaction, alopecia, amenorrhea, anemia, anorexia, apathy, arbritis, asthma, ataxia, breast enorgement, breast enlargement, breast enclosement, breast enclosement, breast enlargement, breast enclosement, breast enclosement, breast enclosement, breast enclosement, breast enclosement, activation experiment, breast enclosement, activation experiment, breast enclosement, activation experiment, breast enclosement, breas

vesiculobullous rash.

PRUG ABUSE AND DEPENDENCE

Controlled Substance Class: LUNESTA is a Schedule IV controlled substance under the Controlled Substances Act. Other substances under the same classification are benzodiazepine phynotics zaleplon and zolpidem. While eszopiclone is a hypnotic agent with a chemical structure unrelated to benzodiazepines, it shares some of the pharmacologic properties of the benzodiazepines. Abuse. Dependence, in a study of abuse liability conducted in individuals with known histories of benzodiazepine abuse, eszopicione at doses of 6 and 12 mg produced europein effects similar to those of diazepam 20 mg. In this study, at glossystems abuse and benzodiazepine abuse, eszopicione at this study, at this study, at the study of the study

duced euphoric effects similar to those of diazepam 20 mg. In this study, at doses duced euphoric effects similar to those of diazepam 20 mg. In this study, at dioses 2-fold or greater than the maximum recommended doses a dose-related increase in reports of amnesia and hallucinations was observed for both LUNESTA and diazepam. The clinical trial experience with LUNESTA revealed no evidence of a serious withdrawal syndrome. Nevertheless, the following adverse events included in DSM-IV criteria for uncomplicated sedative/hyprotic withdrawal were reported during clinical following plazebo substitution occurring within 48 hours following the last LUNESTA treatment: anxiety, abnormal direams, nausea, and upset stomach. These reported adverse events occurred at an incidence of 2% or less. Use of benzodiazepines and similar agents may lead to physical and psychological dependence. The risk of abuse and dependence increases with the dose and during of treatment and concomitant use of other psychoactive drugs. The risk is also greater for relatints who have a history of alcohol or drug abuse or history of psychiatric dispatients who have a history of alcohol or drug abuse or history of psychiatric dispatients who have a history of alcohol or drug abuse or history of psychiatric dispatients who have a history of alcohol or benzodiazepines and benzo-

Tolerance: Some loss of efficacy to the hypnotic effect of benzodiazepines and benzo diazepine-like agents may develop after repeated use of these drugs for a few weeks dazepine-like agents may develop after repeated use of tiese trigs for a few weeks. No development of tolerance to any parameter of sleep measurement was observed over six months. Tolerance to the efficacy of LUNESTA3 mg was assessed by 4-week objective and 6-week subjective measurements of time to sleep oriset and sleep maintenance for LUNESTA in a placebo-controlled 44-day study, and by subjective assessments of time to sleep onset and WASO in a placebo-controlled study for 6 months.

There is limited premarketing clinical experience with the effects of an overdosage of LUNESTA. In clinical trials with eszopiclone, one case of overdose with up to 36 ma of eszopicione was reported in which the subject fully recovered. Individuals have fully recovered from racemic opicione overdoses up to 340 mg (56 times the maximum recommended dose of eszopicione).

maximum recommended obser of eszopicione). Signs And Symptoms: Signs and symptoms of overdose effects of CNS depressants can be expected to present as exaggerations of the pharmacological effects noted in preclinical testing. Impairment of consciousness ranging from somnotience to coma has been described. Rare individual instances of fatal outcomes following overdose with raccenic copicione have been reported in European postmarketing reports, most often associated with overdose with other CNS-depressant agents.

Recommended Treatmer. General symptomatic and supportive measures should be used along with immediate gastric lavage where appropriate. Intravenous fluids should be administered as needed. Flumazenii may be useful. As in all cases of drug overdose, respiration, pulse, blood pressure, and other appropriate signs should be monitored and general supportive measures employed. Hypotension and CNS depressions should be monitored and treated by appropriate medical intervention. The value of dialysis in the treatment of overdosage has not been determined.

value or lialysis in the restinent of vertical gains are to earlier than the present Control Center: As with the management of all overdosage, the possibility of multiple drug ingestion should be considered. The physician may wish to consider contacting a poison control capter for up-to-date information on the management of hypnotic drug product overdosage.

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