

**CENTER FOR DRUG EVALUATION AND
RESEARCH**

**APPLICATION NUMBER: 20-822/S-019
21-046/S-003**

FINAL PRINTED LABELING

Cetesk®
 (clomipramine hydrobromide)
 (clomipramine HBr)
 Oral Solution
 Rx Only

Safety in Children and Adolescents:
 Antidepressants increased the risk of suicidal thinking and behavior in children, adolescents, and young adults (aged 18-24) in short-term studies in children and adolescents with major depressive disorder, other psychiatric disorders, or chronic pain. Anyone considering the use of Cetesk or any other antidepressant in a child or adolescent with major depressive disorder or other indications, especially those with a history of suicide attempts, should carefully weigh the potential risks against benefits. Cetesk is not approved for use in pediatric patients. See Warnings and Precautions section.

Pretreatment Subgroups

Age. Chlazopramine pharmacokinetics in patients aged 20–50 years and >50 years were similar.
Gender. In a single-dose study, chlazopramine AUC and half-life were increased in the elderly subjects by 30% and 50%, respectively, whereas in a multi-dose study it was increased by 22% and 30%, respectively. No significant difference was observed between male and female elderly patients (see DOSAGE AND ADMINISTRATION).

Gender. In three pharmacokinetic studies (N=112), chlazopramine AUC was increased in men and reduced in women. The mean increase in AUC was 20% in men and 15% in women. No significant difference was observed between male and female elderly patients (see DOSAGE AND ADMINISTRATION).

Race. In a single-dose study, no differences in plasma serum chlazopramine levels were seen between men (N=23) and women (N=16). There were no gender differences in the pharmacokinetic parameters of chlazopramine. No adjustment of dosage is recommended for black patients.

Reduced hepatic function. Chlazopramine oral clearance was decreased by 37% and 57% in patients with mild and moderate hepatic impairment, respectively. In patients with severe hepatic impairment, oral clearance was decreased by 50%. It is recommended dosages for each hepatically impaired patient.

DOSAGE AND ADMINISTRATION

Initial dose. In patients with normal renal function, the initial dose of chlazopramine is 20 mg daily. If tolerance is present, the dose may be increased to 40 mg daily. The maximum dose is 60 mg daily.

Titration. In patients with normal renal function, the dose of chlazopramine is increased in 20 mg increments every 3 days until therapeutic response is observed. If therapeutic response is not observed, the dose may be increased to 40 mg daily. The maximum dose is 60 mg daily.

Once-Daily Dose.

Dolox is contraindicated in patients with a hypersensitivity or any of the adverse reactions in **Caution**.

WARNING:
Severe Clinical Worsening and Suicide Risk

Patients with major depressive disorder (MDD), generalized anxiety disorder (GAD), or panic disorder (PD) who are not adequately controlled despite maximum tolerated doses of antidepressants may experience an increase in suicidal thoughts and behavior (suicidality). In addition, patients taking antidepressants may experience an unusual change in behavior, whether or not they are taking an antidepressant, such as withdrawal from family and friends, isolation, difficulty sleeping, difficulty concentrating, and depression. There has been a documented increase in suicidality in children and adolescents taking antidepressants may have a role in risk increasing behavior and the emergence of new symptoms in certain children and adolescents. The risk of suicidality appears to be (possibly) dependent in childhood and in children and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders.

Pooled analyses of placebo-controlled trials of antidepressants (SSRIs and SNRIs) in children and adolescents aged 10-18 years old, and in adults aged 18-25 years old, involving over 40,000 patients, have reported a greater adverse events representing suicidal behavior or behavior during depression. The number of such events was small, and the majority of such events occurred in patients receiving antidepressants as were, in place, the placebo. There was considerable variability in risk among studies, and the risk of suicidality associated with antidepressants and suicidality was most consistently observed in the MDD population.

those drugs, particularly when administered including the leukotriene blocker, probably stabilize capillary, increase, sensory disorders (e.g., preschoolers with chronic sinus rhinitis), irritate, irritate, and increase the risk of epiphora, and increase the risk of epiphora. These events are generally self-limited and have been reported with doses considerably higher than those recommended for chronic sinusitis.

of the Medication Guide and to obtain answers in any questions they may have. The completed tool of the Medication Guide is reproduced at the end of the tool.

What to do if you or your child has side effects: If you or your child experiences any side effects, please contact your physician or pharmacist. Common side effects include drowsiness, dry mouth, constipation, difficulty sleeping, headache, nausea, vomiting, diarrhea, muscle cramps, and changes in appetite, weight, or energy level. If you or your child experiences depression and suicidal thoughts, immediately contact your physician or mental health professional. Suicidal thoughts and behaviors can occur even if your child has not been diagnosed with depression or anxiety, and suicidal thoughts can develop during antidepressant treatment when the dose is reduced or discontinued. Families and caregivers of patients should be advised to monitor for any changes in mood, behavior, or functioning, as well as any increase in suicidal thoughts or behaviors. If you or your child experiences any side effects, please contact your physician or health professional, especially if they are severe or do not go away. It is important to tell your physician about all the side effects you experience, since changes may be abrupt. Such symptoms should be reported to the physician's provider or health professional, especially if they are new, different from previous symptoms, or if they worsen or change in the patient's presenting symptoms. Such symptoms as these may be associated with an increased risk for suicidal thinking and behavior. It is important for you to seek medical attention and possible changes in the medication.

Laboratory Tests

CNS drugs: No specific laboratory tests recommended.

Drug Interactions:

CNS Drugs: Given the primary CNS effects of clonazepam, caution should be used when it is taken in combination with other CNS depressants, such as alcohol, sedatives, hypnotics, and antihistamines. Alcohol and clonazepam did not potentiate the cognitive and

Medication Guide

About Using Antidepressants in Children and Teenagers

What is the most important information I should know if my child is being prescribed an antidepressant?

- Parents or guardians need to think about 4 important things when their child is prescribed an antidepressant:

 1. There is a risk of suicidal thoughts or actions
 2. How to try to prevent suicidal thoughts or actions in your child
 3. You should watch for certain signs if your child is taking an antidepressant
 4. The child's behavior changes

4. There are benefits and risks when antidepressants

1. There is a Risk of Suicidal Thoughts or Actions

1. There is a Risk of Suicidal Thoughts or Actions

Antidepressants increase suicidal thoughts and actions in some children and teenagers. But suicidal thoughts and actions can also be caused by depression, a serious medical condition that is commonly treated with antidepressants. Thinking about killing yourself or trying to kill yourself can be a symptom of depression.

A large study combined the results of 24 different studies of children and teenagers with depression or other illnesses. In these studies, patients took either a placebo (sugar pill) or an antidepressant for 1 to 4 months. **No one committed suicide in these studies**, but some patients became suicidal. On sugar pills, 2 out of every 100 became suicidal. On the antidepressants, 4 out of every 100 patients became suicidal.

For some children and teenagers, the risks of suicidal actions may be especially high. These include patients

- Bipolar illness (sometimes called manic-depressive illness)
 - A family history of bipolar illness

- A personal or family history of attempting suicide

If any of these are present, make sure you tell your health-care provider before your child takes an antidepressant.

2. How to Try to Prevent Suicidal Thoughts and Actions
To try to prevent suicidal thoughts and actions in your child, pay close attention to changes in her or his moods or actions, especially if the changes occur suddenly. Other important people in your child's life can help by paying attention as well (e.g., your child, brothers and sisters, teachers, and other important people). The changes to look out for are listed in Section 3, on what to watch for.

Whenever an antidepressant is started or its dose is changed, pay close attention to your child.

After starting an antidepressant, your child should generally see his or her healthcare provider:

- Once a week for the first 4 weeks
- Every 2 weeks for the next 4 weeks
- After taking the antidepressant for 12 weeks

- After 12 weeks, follow your healthcare provider's advice about how often to come back
- More often if problems or questions arise (see Section 3)

You should call your child's healthcare provider between visits if:

