



POLICY & PRACTICE

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HHS Rewards States for Coverage

The Department of Health and Human Services has awarded more than \$72 million in bonuses to nine states for enrolling more eligible children in Medicaid and for making other improvements in that program as well as the Children's Health Insurance Program (CHIP). Funding for the state “performance bonuses” was included in the CHIP reauthorization last year. The states that qualified for bonuses adopted at least five of eight prescribed program features, such as using a joint application for both Medicaid and CHIP and streamlining eligibility renewals. The rewards went to Alaska, Alabama, Illinois, Louisiana, Michigan, New Jersey, New Mexico, Oregon, and Washington.

Marketing Standards Proposed

The Federal Trade Commission and three other federal agencies have unveiled draft standards for companies marketing foods to children aged 2-17 years. Required by a 2009 law, the standards would allow unlimited marketing of pure fruits, fruit juices, vegetables, low-fat milk products, and whole grains but zero marketing of processed foods with high levels of sodium, sugar, trans fats, and saturated fats. Processed foods could be marketed to children only if they were high in healthy ingredients and low in unhealthy ones, the FTC said. The agencies are to give Congress their marketing recommendations this summer. Meanwhile, a study by the advocacy group Children Now found that nearly three-quarters of foods advertised to children on television are in what the Department of Agriculture considers the poorest nutritional category. Advertising for truly healthy products, such as fruits and vegetables, is nearly nonexistent, the group said.

Head Start, Healthy Lifestyles

The majority of Head Start programs report doing more to support healthy eating and physical activity than is required by existing federal regulations, a study showed. Researchers from Temple University, Philadelphia, and Mathematica Policy Research analyzed survey responses from most Head Start programs in the United States. They found that 70% of programs reported serving only nonfat or 1% milk, and 75% of programs reported providing children with at least 30 minutes of adult-led physical activity per day. Federal regulations do not specify the type of milk children should be served, nor do they specify how long children should be physically active each day. Head Start serves 1 million low-income preschool students, 30% of whom are obese or overweight. The study was published in the Archives of Pediatrics and Adolescent Medicine.

Home Visits Fight Asthma

A few home visits by a health care specialist to educate children with asthma about basic strategies for earlier symptom recognition and better medication

use can lead to fewer flare-ups and less-frequent trips to the emergency department, a study in Pediatrics showed. Researchers at Johns Hopkins University, Baltimore, found that in-home training on the proper use of inhalers, plus discussions with families about regular access to a pediatrician, were important in preventing attacks. Home visits provid-

ed tailored asthma-action plans including lists of must-take daily medications and advice on when to seek emergency care, the researchers said. “We compared several strategies to improve asthma control among children and, much to our delight, we found that taking a few simple steps can go a long way toward doing so,” senior investigator Kristin Riekert, Ph.D., said in a statement.

NIH Focuses on Obesity Prevention

The National Institutes of Health is committing \$37 million to research on better ways to reduce obesity. The program,

“Translating Basic Behavioral and Social Science Discoveries Into Interventions to Reduce Obesity,” will fund interdisciplinary teams at seven sites. Dr. Francis S. Collins, NIH director, said that the interventions being developed include new ways to promote awareness of eating behaviors, decrease the desire for high-calorie foods, reduce stress-related eating, increase motivation to adhere to weight-loss strategies, engage patients' social networks and communities to encourage physical activity, and improve sleep patterns.

—Jane Anderson

INTUNIV™ (guanfacine) Extended-Release Tablets

Rx Only

BRIEF SUMMARY: Consult the Full Prescribing Information for complete product information.

INDICATIONS AND USAGE

INTUNIV™ is indicated for the treatment of Attention Deficit Hyperactivity Disorder (ADHD). The efficacy of INTUNIV™ was studied for the treatment of ADHD in two controlled clinical trials (8 and 9 weeks in duration) in children and adolescents ages 6-17 who met DSM-IV® criteria for ADHD (see *Clinical Studies in Full Prescribing Information*). The effectiveness of INTUNIV™ for longer-term use (more than 9 weeks) has not been systematically evaluated in controlled trials.

Maintenance Treatment The effectiveness of INTUNIV™ for longer-term use (more than 9 weeks) has not been systematically evaluated in controlled trials. Therefore the physician electing to use INTUNIV™ for extended periods should periodically re-evaluate the long-term usefulness of the drug for the individual patient.

CONTRAINDICATIONS

Patients with a history of hypersensitivity to INTUNIV™, its inactive ingredients (see *Description in Full Prescribing Information*), or other products containing guanfacine (e.g. TENEX®) should not take INTUNIV™.

WARNINGS AND PRECAUTIONS

Hypotension, Bradycardia, and Syncope Treatment with INTUNIV™ can cause decreases in blood pressure and heart rate. In the pediatric, short-term (8-9 weeks), controlled trials, the maximum mean changes from baseline in systolic blood pressure, diastolic blood pressure, and pulse were -5 mm Hg, -3 mm Hg, and -6 bpm, respectively, for all dose groups combined (generally one week after reaching target doses of 1 mg/day, 2 mg/day, 3 mg/day or 4 mg/day). These changes were dose dependent. Decreases in blood pressure and heart rate were usually modest and asymptomatic; however, hypotension and bradycardia can occur. Hypotension was reported as an adverse event for 6% of the INTUNIV™ group and 4% of the placebo group. Orthostatic hypotension was reported for 1% of the INTUNIV™ group and none in the placebo group. In long-term, open label studies, (mean exposure of approximately 10 months), maximum decreases in systolic and diastolic blood pressure occurred in the first month of therapy. Decreases were less pronounced over time. Syncope occurred in 1% of pediatric subjects in the clinical program. The majority of these cases occurred in the long-term, open-label studies. Measure heart rate and blood pressure prior to initiation of therapy, following dose increases, and periodically while on therapy. Use INTUNIV™ with caution in patients with a history of hypotension, heart block, bradycardia, or cardiovascular disease, because it can decrease blood pressure and heart rate. Use caution in treating patients who have a history of syncope or may have a condition that predisposes them to syncope, such as hypotension, orthostatic hypotension, bradycardia, or dehydration. Use INTUNIV™ with caution in patients treated concomitantly with antihypertensives or other drugs that can reduce blood pressure or heart rate or increase the risk of syncope. Advise patients to avoid becoming dehydrated or overheated.

Sedation and Somnolence Somnolence and sedation were commonly reported adverse reactions in clinical studies (38% for INTUNIV™ vs. 12% for placebo) in children and adolescents with ADHD, especially during initial use (see *Adverse Reactions in Full Prescribing Information*). Before using INTUNIV™ with other centrally active depressants (such as phenothiazines, barbiturates, or benzodiazepines), consider the potential for additive sedative effects. Caution patients against operating heavy equipment or driving until they know how they respond to treatment with INTUNIV™. Advise patients to avoid use with alcohol.

Other Guanfacine-Containing Products Guanfacine, the active ingredient in INTUNIV™, is also approved as an antihypertensive. Do not use INTUNIV™ in patients concomitantly taking other guanfacine-containing products (e.g., Tenex).

ADVERSE REACTIONS

Clinical Trial Experience Two short-term, placebo-controlled, double-blind pivotal studies (Studies 1 and 2) were conducted in children and adolescents with ADHD with a dose range of 1 to 4 mg/day of INTUNIV™. The most commonly reported adverse reactions (occurring in ≥2% of patients) that were considered drug-related and reported in a greater percentage of patients taking INTUNIV™ compared to patients taking placebo were: somnolence, headache, fatigue, upper abdominal pain, nausea, lethargy, dizziness, irritability, hypotension/decreased blood pressure, decreased appetite, dry mouth, and constipation. Less common adverse reactions (<2%) reported in pivotal Studies 1 and 2 that occurred in more than one patient taking INTUNIV™ and were more common than in the placebo group are atrioventricular block, bradycardia, sinus arrhythmia, dyspepsia, asthenia, chest pain, increased alanine aminotransferase, increased blood pressure, increased weight, postural dizziness, increased urinary frequency, enuresis, asthma, orthostatic hypotension, and pallor. In addition, the following less common (<2%) psychiatric disorders occurred in more than one patient receiving INTUNIV™ and were more common than in the placebo group. The relationship to INTUNIV™ could not be determined because these events may also occur as symptoms in pediatric patients

INTUNIV™ (guanfacine) Extended-Release Tablets

with ADHD: agitation, anxiety, depression, emotional lability, nightmares or interrupted sleep. Twelve percent (12%) of patients receiving INTUNIV™ discontinued from the clinical studies due to adverse events, compared to 4% in the placebo group. The most common adverse reactions leading to discontinuation of INTUNIV™-treated patients from the studies were somnolence/sedation (6%) and fatigue (2%). Less common adverse reactions leading to discontinuation (occurring in approximately 1% of patients) included: hypotension/decreased blood pressure, headache, and dizziness. In the controlled long term studies (mean duration of approximately 10 months) with a dose range of 1 to 4 mg/day of INTUNIV™, the most common adverse reactions (≥5%) reported during open label treatment were somnolence, headache, fatigue, upper abdominal pain, hypotension/decreased blood pressure, vomiting, dizziness, nausea, weight increased, and irritability. The most frequent adverse reactions leading to discontinuation (≥2%) were somnolence (3%), syncopal events (2%), increased weight (2%), depression (2%), and fatigue (2%). Other adverse reactions leading to discontinuation in the long-term studies (occurring in approximately 1% of patients) included: hypotension/decreased blood pressure, sedation, headache, and lethargy. In long-term open label studies, serious adverse reactions occurring in more than one patient were syncope (2%) and convulsion (0.4%). Adverse reactions that occurred in <5% of patients but ≥2% in open-label, long-term studies that are considered possibly related to INTUNIV™ include: syncopal events, constipation, stomach discomfort, hypertension/increased blood pressure, decreased appetite, diarrhea, dry mouth, lethargy, and insomnia.

Effects on Height, Weight, and Body Mass Index (BMI) Patients taking INTUNIV™ demonstrated similar growth compared to normative data. Patients taking INTUNIV™ had a mean increase in weight of 1 kg (2 lbs) compared to those receiving placebo over a comparative treatment period. Patients receiving INTUNIV™ for at least 12 months in open-label studies gained an average of 8 kg (17 lbs) in weight and 8 cm (3 in) in height. The height, weight, and BMI percentile remained stable in patients at 12 months in the long-term studies compared to when they began receiving INTUNIV™.

Laboratory Tests In short and long-term studies, no clinically important effects were identified on any laboratory parameters.

Effects on Heart Rate and QT Interval The effect of two dose levels of immediate-release guanfacine (4 mg and 8 mg) on the QT interval was evaluated in a double-blind, randomized, placebo- and active-controlled, cross-over study in healthy adults. A dose-dependent decrease in heart rate was observed during the first 12 hours, at time of maximal concentrations. The mean change in heart rate was -13 bpm at 4 mg and -22 bpm at 8 mg. An apparent increase in mean QTc was observed for both doses. However, guanfacine does not appear to interfere with cardiac repolarization of the form associated with pro-arrhythmic drugs. This finding has no known clinical relevance.

USE IN SPECIFIC POPULATIONS

Pregnancy: Pregnancy Category B. There are no adequate and well-controlled studies of guanfacine in pregnant women. This drug should be used during pregnancy only if clearly needed.

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

Pediatric Use: The safety and efficacy of INTUNIV™ in pediatric patients less than 6 years of age have not been established.

Geriatric Use: The safety and efficacy of INTUNIV™ in geriatric patients have not been established.

DRUG ABUSE AND DEPENDENCE

INTUNIV™ is not a controlled substance and has no known potential for abuse or dependence.

OVERDOSAGE

Two cases of accidental overdose of INTUNIV™ were reported in clinical trials in pediatric ADHD patients. These reports included adverse reactions of sedation and bradycardia in one patient and somnolence and dizziness in the other patient. Consult with a Certified Poison Control Center for up to date guidance and advice.

Manufactured for Shire US Inc., Wayne, PA 19087.

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August 2009 513 0207 001 INT-00239

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